



UAS Configuration Management

Configuration management activities for the UAS include provisioning audio for use by a gateway and changing system parameters in response to changes in UAS or APS system configuration. Provisioning audio is performed through the Audio Provisioning Server (APS) Generic User Interface (GUI). Changing system parameters is performed either through the Local Customer Interface (LCI) GUI or through the Universal Audio Server Manager GUI of the CS 2000 Management Tools. These tools and utilities are described in the section, [Tools and utilities on page 1](#). The procedures and tasks that enable you to perform APS provisioning and to configure UAS system parameters are grouped by application and are listed in tables shown in the section, [UAS and APS Configuration management procedures on page 50](#).

Tools and utilities

APS GUI Administration function

The APS Administration GUI provides a tool for managing administrative objects in the APS used for distribution of audio segments to one or more UAS nodes. The APS Administration GUI also provides a tool for managing selector types and selector values defined by the administrator.

Managing administrative objects

The administrative objects in the APS database are used for distribution of audio segments to one or more UAS nodes. These administrative objects include:

- *user*, which represents a user of the APS GUI. Users have an ID and password that permit them to gain secure access to the APS GUI. Users may also be granted special permissions to provide them access to different screens and associated tasks in the APS GUI. “Admin” permission grants the user access to the administration, audio management, selector management, and change password screens. “Audio management” permission grants the user access to

the audio management, selector management, and change password screens.

Note: The “Admin” user is the only user login available after the APS is first installed. The Admin user subsequently adds other users to the system.

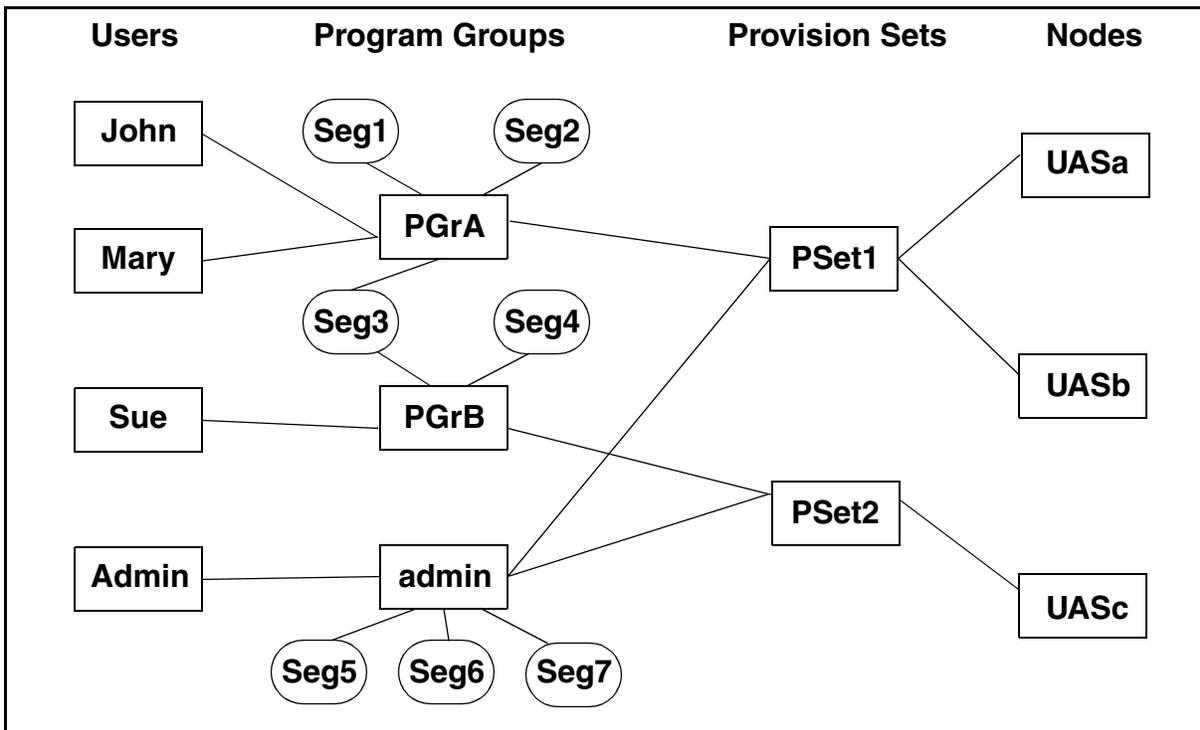
- *program group*, which is a logical grouping of users and audio segments. When a user creates an audio segment in the APS database, the audio segment is automatically associated with the active program group with which the user is associated. A segment can also be manually added to one or more program groups.

Note: The “Admin” program group, which contains the Admin user, is the only program group available after the APS is first installed. Thus, the Admin user must, initially, create any other users and program groups that may be needed after installation.

- *node*, which represents a UAS node to which audio can be distributed. Each node has a unique hostname and IP address by which it is known on the network. Each node can be associated with only one provision set.
- *provision set*, which is a logical relationship between one or more program groups and one or more UAS nodes. This relationship determines the audio that can be distributed to a UAS node. Segments are distributed to a node if the node is associated, in a provision set, with a program group containing the segments.

An example of the relationship between these administrative objects is shown in the following illustration.

Sample relationship between Administrative Objects



In this example, the segments (Seg1, Seg2, Seg3, Seg5, Seg6, and Seg7) contained in the program groups (PGrA and PGrB) associated with provision set PSet1 can be distributed to nodes, UASa and UASb. The segments (Seg3, Seg4, Seg5, Seg6, and Seg7) contained in the program groups (PGrB and admin) associated with provision set PSet2 can be distributed to node, UASc.

The data that a user is able to view on the Audio Management GUI screen is determined by the program group chosen by the user for the current updating session. If a user is associated with only one program group, that program group is automatically chosen as the active program group for the user. Thus, in the example shown in the illustration above, during an audio management updating session, John and Mary will have access to segments Seg1, Seg2, and Seg3, Sue will have access to segments Seg3 and Seg4, and the admin user will have access to segments Seg5, Seg6, and Seg7.

The following table shows possible operations that can be performed on these administrative objects through the Administration GUI.

Administration operations (Sheet 1 of 2)

Operation	User	Program Group	Provision Set	Node	Selector Types	Selector Values
Create	x	x	x	x	x	x
Delete	x	x	x	x	x	x
Add user		x				
Cut user		x				
Add segment		x				
Cut segment		x				
Add program group			x			
Cut program group			x			
Add provision set				x		
Cut provision set				x		
Add selector value					x	
Cut selector value					x	

Administration operations (Sheet 2 of 2)

Operation	User	Program Group	Provision Set	Node	Selector Types	Selector Values
Edit properties	x	x	x	x		x
Find reference to	x	x	x		x	x

Managing Selector Types and Selector Values

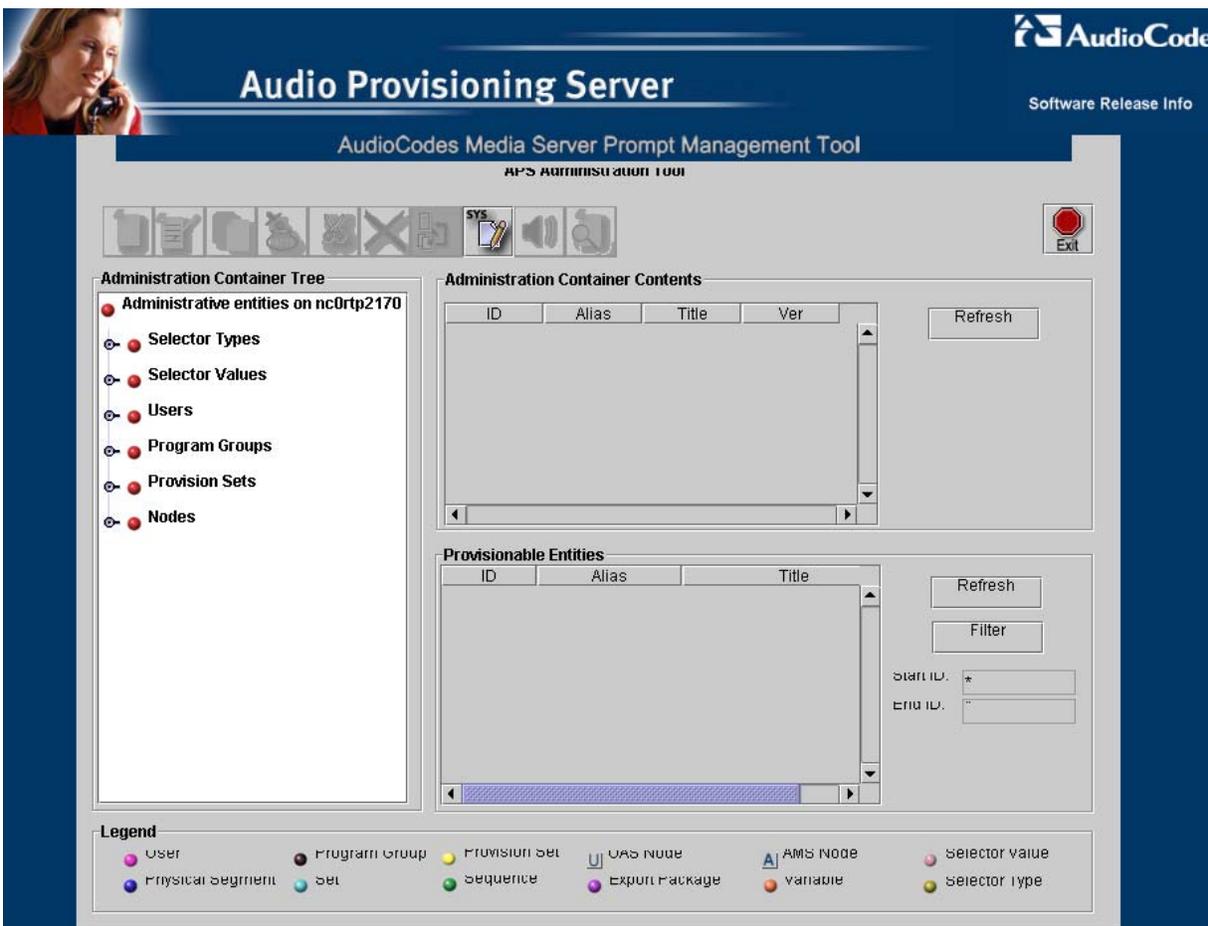
Selector Types and Selector Values are used for audio set definition and are used also during call processing in conjunction with audio variables and language versions. The APS Administration GUI enables you to manage selector types and selector values that you have added when you require selector types and selector values other than those installed with the system.

Note: Selector Types and Selector Values used for call processing cannot be changed through the APS Administration GUI. Attempting to make changes to these entities will cause an error.

APS GUI Administration function screen

The following illustration shows the Administration Tool screen.

Administration Tool screen



Tool bar menu buttons

This section describes tool bar menu buttons on the Administration screen.

The **New** button enables you to create new users, program groups, provision sets, or nodes.

The **Edit** button is used for editing the properties of users, program groups, provision sets, or nodes.

The **Copy** button enables you to copy a user, program group, or provision set to the clipboard.

The **Paste** button pastes a copied user, program group, provision set, or node to the location you have indicated.

You use the **Cut** button to cut (remove) a user, program group, or provision set association with another entity.

The **Delete** button deletes a user, program group, provision set, or node from the database.

The **Provision Node** button enables you to manually start provisioning to a UAS node.

The **Edit System Parameters** button enables you to change the system parameters in the database.

The **Play** button enables you to hear the audio file associated with a physical segment.

The **Find Reference To** button finds all references to a specified administration or provisionable entity.

The **Exit** button exits you from the Administration Tool screen.

Panel descriptions

This section describes the Administration screen panels and associated buttons.

The *Administration Container Tree* panel contains Administrative Entities folders and the contents of the folders. Clicking on the “handle” icon located next to each of the Administration Container Tree folders enables you to “expand,” or show, the contents of the folder.

The *Audio Container Contents* panel contains the Contents table, which displays the contents of the currently selected administrative entity in the Administration Container Tree. The Refresh button updates the Contents table with the latest elements from the database.

The *Provisionable Entities* panel contains a table which displays packages or audio segments, depending on the filter setting. The Refresh button updates the display table with the latest audio segments or package IDs in the database. The Filter button opens the Audio Segments Filter Dialog window, which allows the user to specify either audio segments only or packages only. The Start ID and End ID fields contain the range of audio segment or package IDs that will be displayed. The default is *, which includes all the audio segments or packages in the database.

The *Legend* panel associates the node handle color with the administrative or provisionable entity.

APS GUI Audio Management function

The APS Audio Management GUI is used for managing provisionable audio entities stored in the APS database. These provisionable entities fall into two distinct groups, *audio segments* and *export packages*. Audio segments are individual audio recordings played from the UAS. Export packages are containers for sets of audio segments that are played locally from a gateway rather than from a UAS. Segments and packages each have their own range of IDs. The segment IDs, which users can specify when creating segments, range from 1 through 4286578687. Export package IDs, which are automatically assigned by the APS, range from 1 through 4294967295.

Audio Segments

Four types of audio segments are managed through the Audio Management GUI:

- *physical segment*, which is the simplest type of audio. A physical segment is a single audio file stored in the database. The text of the audio file can be as simple as a single character or as complex as multiple sentences.
- *audio set*, which associates a group of related segment types. Only one of the segments in the audio set is played during an announcement, as determined by the selector value assigned in the call processing message. If a selector value is not assigned, the default value assigned during the provisioning of the set is used. Audio sets can contain any of the four segment types, physical segments, audio sequences, audio variables, or other audio sets.
- *audio sequence*, which associates several segment types that are to be played in a specified order. The play order is determined during provisioning of the audio sequence. Audio sequences can contain any of the four segment types, physical segments, audio sets, audio variables, or other audio sequences.
- *audio variable*, which specifies a variable audio segment whose content is not determined until runtime. Audio variables are used in conjunction with language versions. Thus, the appropriate language version of an audio variable is supplied when an audio set or audio sequence containing the audio variable is played.

Note: Although the APS supports sophisticated audio provisioning capabilities such as embedding audio variables in an announcement, these capabilities may not be supported by the CS 2000 call server. Thus, before attempting to employ these sophisticated audio capabilities, you should check with your network support manager.

Export Packages

Export packages are created for frequently-played audio that can be played more efficiently at a gateway than from the UAS. When an audio export package is then exported, using the APS export tool, the following three files are created:

- an audio file that contains all the audio for all segments selected
- an index file that provides all the necessary information to play each audio segment
- a catalog file that contains the ancillary information from the database such as the prompt text, title, voice talent, and date recorded

These files are then distributed, using the APS distribution function, to any specified network nodes for use. Although the receiving gateway needs to know the file format, it does not need to know any details about the contents of the exported package. This provides error free provisioning based upon the APS/IPS database, guaranteeing network-wide consistency in audio identifiers. As a result, the same specific prompt is played in response to a service engine request placed to any node in the network.

To accurately identify an export package, the package must be assigned a “package format version.” This tells the gateway what types of segments the package contains and the format of the index file and catalog file. There are three format versions available:

- Package format version 2.1a contains only physical segments with IDs in the range of 1–9999 and an index file that references each segment with a 4 digit ASCII ID.
- Package format version 2.1b contains physical segments with IDs in the range of 1–4294967295 and an index file that references each segment by a 10 character alphanumeric alias.
- Package format version 3.0a, introduced with Release UAS05, contains physical segments and simple audio sets with IDs in the range of 1–4294967295. Simple audio sets are sets that contain only physical segments. Similar to package format version 2.1b, the index file references each segment by a 10–character alphanumeric alias.

The index file in an export package provides all of the necessary information required in order to play each audio segment. The version 3.0a package format index file contains the following records:

- package format version (for example, 2.1a, 2.1b, 3.0a) - It is important to note that, although package formats are not

backwards-compatible with previous APS releases (for example, version 3.0a is not compatible with UAS releases prior to release UAS05), the latest APS release does support earlier versions of package formats (for example, APS06 supports package format versions 2.1a, 2.1b, and 3.0a).

- information record for each audio segment in the package, containing the following fields:
 - *segment ID*, which contains the alias of the physical segment
 - *provisionable entity type*, which defines the type of the audio segment contained in the package, including “physical segment,” “audio set,” “audio sequence,” “audio variable.”
 - for physical segments, the remaining fields are:
 - *package ID*, which contains the ID of the package used to generate the index file. The package ID, in combination with the package version and the file identification extension, “.aud” identifies the export audio file containing the audio segment.
 - *package version*, which contains the version number of the package used to generate the index file
 - *offset*, which is the starting offset for playing the audio segment, indicating the number of bytes from the start of the source file
 - *length*, which is the length, in bytes, of the audio segment
 - *segment format*, which indicates the format required in order for the audio to be played, for example, mulaw, alaw, MP3
 - *checksum*, which is used to ensure synchronization between the record in this index file, the associated record in the catalog file, and the actual audio file used
 - for audio sets, the remaining fields are:
 - *set type*, which identifies the type of the set and dictates the domain of valid selector values that can be associated with the elements of the set. This information maps to selector types in the APS database and is, thus, useful for debugging purposes.
 - *default selector value*, which identifies the set element that is to be played as the default audio segment, when necessary.

This value maps to one of the selector values associated with the set type in the APS database.

- *number of set elements*, which identifies how many set elements are contained in the set.
 - *selector value for set element*, which uniquely identifies an audio segment as an element of the set. The same selector value cannot be referenced twice in the same set. This value maps to one of the selector values associated with the set type in the APS database.
 - *segment ID for set element*, which contains the alias of the audio segment.
- for audio sequences, the remaining fields are:
- *number of sequence elements*, which identifies how many sequence elements are contained in the sequence.
 - *segment ID for set element*, which contains the alias of the audio segment.
- for audio variables, the remaining fields are:
- *variable type*, which identifies the type of the variable, such as “Silence,” “Duration,” “Date,” “Time,” and “Weekday.”
 - *variable subtype*, which identifies the subtype of the variable, if one exists. The subtype is determined by the type of variable. For example, if the variable type is “Time,” the valid subtypes are “12-hour time” and “24-hour time.”
 - *default language*, which specifies the default language in which the variable will be spoken if another language is not specified at run-time.
 - *provisioned variable value*, which contains the provisioned variable value, if one exists.

The audio segment file is comprised of three sections: the first contains the number of audio segments stored in the file; the second contains checksum values (which must match the checksum values in the index file) for all of the audio segments stored in the file; the third contains the actual audio, stored as contiguous audio segments.

The audio catalog file documents each audio segment in the export package. The version 3.0a package format catalog file contains the following fields for each audio segment:

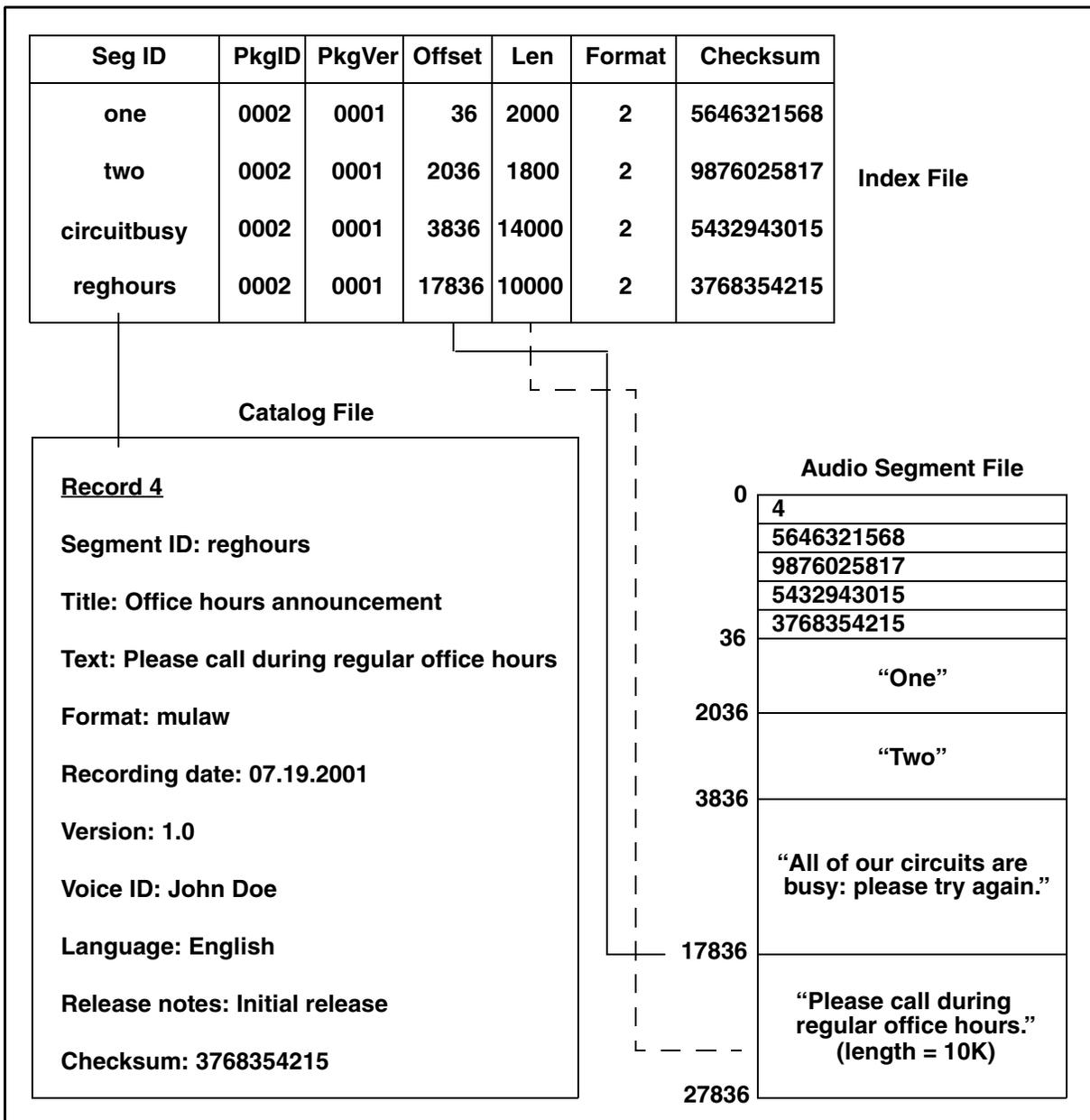
- *segment ID* - the same segment ID found in the index file
- *provisionable entity type* - which defines the type of the audio segment contained in the package, including “physical segment,” “audio set,” “audio sequence,” “audio variable.”
 - for physical segments, the remaining fields are:
 - *title*, which is a short phrase that describes the audio segment
 - *text*, which is a word or phrase contained in the audio segment
 - *format*, which is the same format information found in the index file
 - *recording date*, which is the date on which the segment was recorded
 - *version*, which is an identifier used to track multiple versions of the same audio segment
 - *voice identifier*, which is the voice talent for the audio
 - *language*, which is the language of the audio segment (for example, English)
 - *release notes*, which is an additional field that can be used to document the version of the audio
 - *checksum*, which is the same checksum value stored in the “index” and “audio segment” files, used for synchronization purposes
 - for audio sets, the remaining fields are:
 - *title*, which is a short phrase that describes the audio segment
 - *text*, which is a word or phrase contained in the audio segment
 - *version*, which is an identifier used to track multiple versions of the same audio segment
 - *release notes*, which is an additional field that can be used to document the version of the audio
 - *set type*, which is the type of the set and domain of valid selector values that can be associated with the set elements
 - *default selector type*, which is the selector value that

- identifies the default set element in the set
- *number of elements*, which is the number of set elements in the set
- *selector value for set element*, which is the selector value that uniquely identifies one of the set elements
- *identifier for set element*, which is the segment ID
- *title for set element*, which is a short phrase describing the segment
- for audio sequences, the remaining fields are:
 - *title*, which is a short phrase that describes the audio segment
 - *text*, which is a word or phrase contained in the audio segment
 - *version*, which is an identifier used to track multiple versions of the same audio segment
 - *release notes*, which is an additional field that can be used to document the version of the audio
 - *number of elements*, which is the number of elements in the sequence
 - *identifier for sequence element*, which is the segment ID
 - *title for sequence element*, which is a short phrase describing the segment
- for audio variables, the remaining fields are:
 - *title*, which is a short phrase that describes the audio segment
 - *text*, which is a word or phrase contained in the audio segment
 - *version*, which is an identifier used to track multiple versions of the same audio segment
 - *release notes*, which is an additional field that can be used to document the version of the audio
 - *variable type*, which is the type of the variable
 - *variable subtype*, which is the subtype of the variable, if one exists
 - *default language*, which is the language in which the variable is to be spoken if another language is not specified at run-time

- *provisioned variable value*, which is the provisioned value of the variable, if one exists

The basic relationship between the index file, audio file, and catalog file is depicted in the following illustration. The sample shown in this figure also illustrates how the system performs the audio that you provision using the audio provisioning GUI.

Package Format 3.0a sample Index, Audio Segment, and Catalog Files



Audio Management GUI operations

The following table shows possible operations that can be performed on audio provisionable entities through the Audio Management GUI. The data that a user is able to view and manipulate using the Audio Management GUI is determined by the program group chosen by the user for the current updating session. If a user is associated with only one program group, that program group is automatically chosen as the active program group for the user.

Audio management operations (Sheet 1 of 2)

Operation	Package	Physical Segment	Set	Sequence	Variable
Create	x		x	x	x
Delete	x	x	x	x	x
Clone	x	x	x	x	x
Add segment	x		x	x	
Cut segment	x		x	x	
Export	x				
Lock	x				
Unlock	x				
Edit properties	x	x	x	x	x
Replace audio		x			
File upload		x			
Import		x			
Play		x			
Reorganize				x	
Find reference to		x	x	x	x

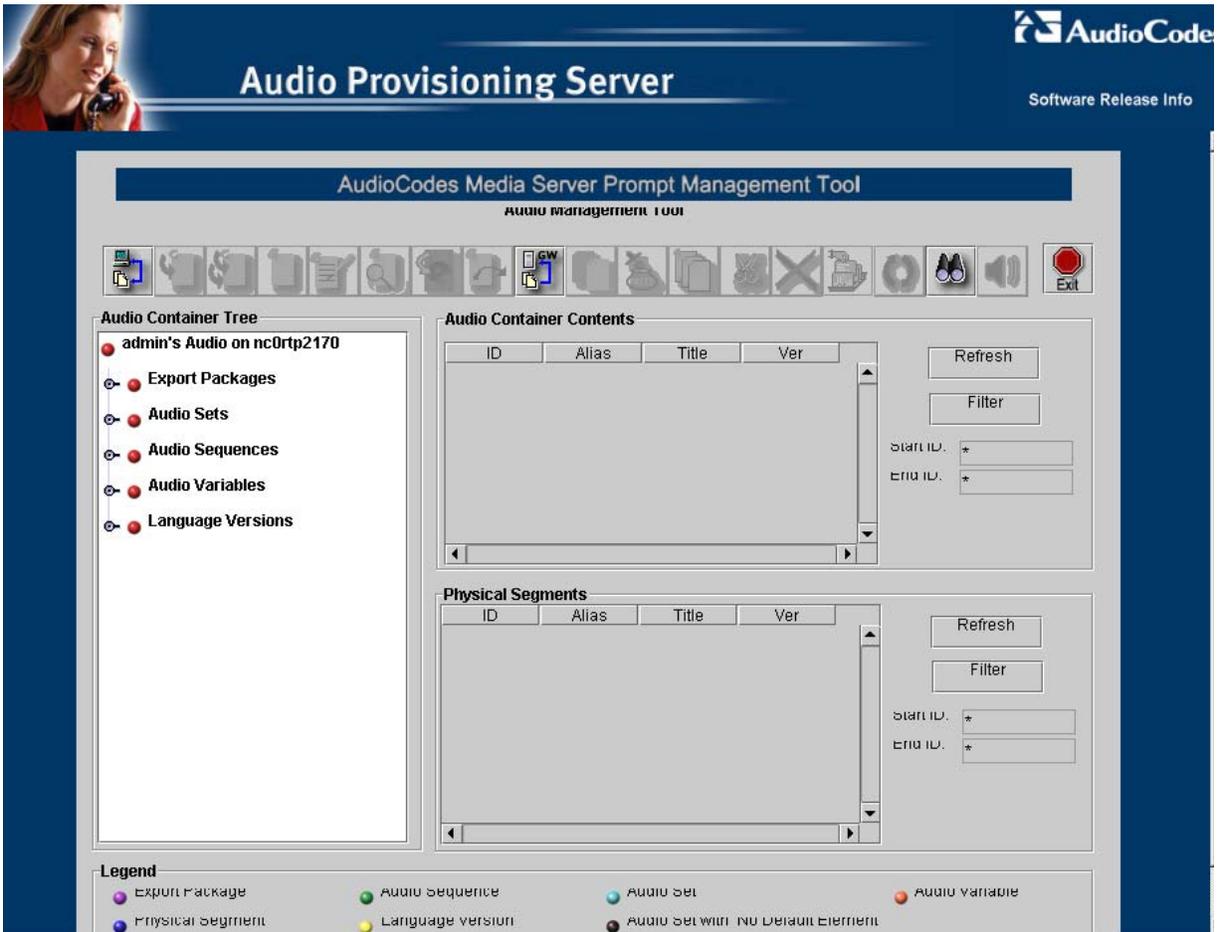
Audio management operations (Sheet 2 of 2)

Operation	Package	Physical Segment	Set	Sequence	Variable
Find	x	x	x	x	x
Set default segment			x		
Edit selector type			x		
Edit default language					x
Edit variable subtype					x
Distribute packages	x				

APS GUI Audio Management tool screen

The following illustration shows the APS GUI Audio Management tool screen.

APS Audio Management Tool Screen



Tool bar menu buttons

This section describes tool bar menu buttons on the APS Audio Management Tool screen.

The **File Upload** button is used for uploading audio files from a client machine to the APS.

The **Import** button enables you to import physical segments.

The **Bulk Import** button is used for adding one or more physical segments to a language version folder.

The **New** button creates new export packages, audio sets, audio sequences, audio variables, and language versions.

The **Edit** button enables you to edit the properties of export packages, sequences, sets, variables, and language versions.

The **Find Reference To** button finds all references to a specified segment.

The **Replace Audio** button is used for replacing the audio of a physical segment with another piece of audio.

The **Export** button is used to export an audio package from the database.

The **Distribute Packages** button distributes export packages to remote gateways.

The **Copy** button copies segments to the clipboard.

The **Paste** menu button enables you to paste copied segments into a container.

The **Clone** button is used for cloning a provisionable entity with the same properties, but a new segment ID or version.

The **Cut** button cuts (removes) a segment from a container, but not from the database.

The **Delete** button enables you to delete a provisionable entity from the database. The provisionable entity to be deleted, however, cannot be in a container.

The **Set Default Element** button enables you to change the default element of an audio set.

The **Reorder Sequence Elements** button reorders the elements of sequences. This determines the order in which the audio will play.

The **Find Provisionable Entity** button enables you to locate any provisionable entity that is stored in the database.

The **Play** button enables you to hear the audio file associated with a physical segment.

The **Exit** button exits you from the Audio Management screen.

Panel descriptions

This section describes the Audio Management screen panels and associated buttons.

The *Audio Container Tree* panel contains the Export Packages, Audio Sets, Audio Sequences, Audio Variables, and Language Versions

folders and the contents of the folders. Clicking on the “handle” icon located next to each of the Audio Container Tree folders enables you to “expand,” or show, the contents of the folder.

The *Audio Container Contents* panel contains the Contents table, which displays the contents of the currently selected provisionable entity in the Audio Container Tree. The Refresh button updates the Contents table with the latest elements in the database based on the filter settings. The Filter button opens the Filter Dialog window, which allows the user to specify the range of IDS for provisionable entities they want to see. The Start ID and End ID fields contain the range of IDs for the elements of the selected provisionable entity displayed in the Contents table. The default is asterisk (*), which includes all of the IDs for the provisionable entity selected in the Audio Container Tree.

The *Physical Segments* panel contains the physical segment table, which displays import segments or physical segments depending on how the filter is set. The Refresh button updates the Physical Segments table with the latest physical segments in the database based on the filter settings. The Filter button opens the Physical Segments Filter Dialog window, which allows the user to specify import segments only or physical segments only. The Start ID and End ID fields contain the range of physical segments IDs displayed in the Physical Segments table. The default is *, which includes all the physical segments in the database.

The *Legend* panel associates the node handle color with the container or physical segment.

UAS configuration management

All configuration data supporting the operation of the UAS and APS is stored in configuration files. Configuration management entails manipulating the configuration file parameters either during system installation or when changes are warranted by system operation requirements. The configuration files include:

- uas.conf - containing configuration parameters that support the function of the UAS, including CG6000 card settings, Call Agent definition, APS hostname definition, network element settings, and conferencing service state definition
- snmpd.cnf - containing parameters that support the SNMP function, including management station address, SNMP user names, community names, and trap version
- hosts - containing parameters that support the function of the APS, including APS primary and secondary hostname and IP addresses
- atmhard.con - containing ATM bearer interface settings that link a local port ATM address to a particular ATM interface port
- atmconn.con - containing ATM bearer connections settings that provide the UAS with a remote gateway's name and ATM address
- mainsa.conf - containing Main Subagent program settings specifying the kinds of error and log messages to be sent to the management station
- atmSvcProfile.con - containing data on Switched Virtual Channel (SVC) traffic parameters associated with AAL2 SVCs
- atmhardloop.con - containing information associated with the loopback of SVCs

To assist you in identifying all of the editable parameters in the files listed above, each of the parameters is described in the following table, with information about the parameter provided under the following headings:

- Category - which indicates the type of parameter
- Parameter (Key or Record) - which shows the name of the parameter and its Key or Record name within the configuration file
- Description - which provides a high-level description of the function of the parameter
- When updated - which indicates whether changes made to configuration parameters are effected either at "init-time," that is, at the completion of the next program manager restart, or at "run-time," that is, immediately. In the table below, only Main Subagent parameters, and the "UAS SNMP Management Station

Definition” and “UAS SNMP Trap Destinations” parameters are not “init-time” configuration parameters.

- Tools used to manipulate the parameter data: Install (Installation program); EM (Universal Audio Server Manager Generic User Interface); Local Customer Interface (LCI) Generic User Interface; Other Tool (such as Notepad or VI editor)

Note: Although parameter data can be manipulated through a screen editor such as Notepad or VI editor, it is recommended that changes to configuration data be made, instead, through either the Install program, Universal Audio Server Manager, or LCI GUI program. A screen editor does not contain the error checking capability available in Install, the Universal Audio Server EM, or LCI GUI and cannot, therefore, protect against possible service disruption caused by changing the parameter data.

Configuration parameters (Sheet 1 of 13)

Category	Parameter	Description	When updated ¹	Install ²	EM ³	LCI GUI	Other Tool ⁴
Network Element	Gateway type	Identifies the function of the UAS	-	x	-	-	-
Network Element	Bearer Type	Defines the bearer channel fabric type (IP or ATM)	-	x	-	-	-
Network Element	Legacy Announcements	Indicates whether the UAS is used in a CS2K network, in a multilingual environment	l	-	x	x	-
Network Element	Primary language	Defines the “primary” language to use for an announcement when the UAS is in a network where a primary and secondary language are required	l	-	x	x	-

Configuration parameters (Sheet 2 of 13)

Category	Parameter	Description	When updated ¹	Install ²	EM ³	LCI GUI	Other Tool ⁴
Network Element	Secondary language	Defines the “secondary” language to use for an announcement when the UAS is in a network where a primary and secondary language are required	I	-	x	x	-
Network Element	Backup storage IP	Defines the IP address of the database that will contain backup copies of the UAS configuration files	I	-	x	x	-
Network Element	Gateway control protocol	Determines the control protocol for the UAS, either H.248 or MGCP	I	-	x	x	-
Network Element	NTP Server IP	Defines the IP address of the Network Time Protocol server on the network. The NTP server is used for synchronizing logs and alarms on the UAS.	R	-	x	x	-
Audio Management	Primary DBServer Host	Defines the hostname associated with the APS that is hosting the database server used by the UAS node	I	-	x	x	-

Configuration parameters (Sheet 3 of 13)

Category	Parameter	Description	When updated ¹	Install ²	EM ³	LCI GUI	Other Tool ⁴
Audio Management	Audio Synch on Restart	For audio server applications of the UAS, determines whether audio distribution refresh upon node startup, in addition to the regularly-scheduled audio distribution, is enabled	I	-	x	x	-
Audio Management	Primary DBServer IP	Defines the IP address of the APS that is hosting the database server used by the UAS node	I	-	x	x	-
IVR Service	IVR support	Indicates whether IVR support is enabled in the system	I	-	x	x	-
Call Agent	Primary call agent name	Defines the computer name associated with the remote node that is hosting the Primary Call Agent application	I	-	x	x	-
Call Agent	Primary call agent IP address	Defines the IP address associated with the remote node that is hosting the Primary Call Agent application	I	-	x	x	-
Call Agent	Primary call agent port	Defines the port of the Call Agent application	I	-	x	x	-
Call Agent	UAS Call Control Port	Defines the port associated with receiving the call control message stream	I	-	x	x	-

Configuration parameters (Sheet 4 of 13)

Category	Parameter	Description	When updated¹	Install²	EM³	LCI GUI	Other Tool⁴
Conferencing Service	Conference Spanning	Determines whether Conference Spanning is supported by the node. Conference Spanning allows conferences with up to 128 participants.		-	x	x	-
Conferencing Service	Conferencing state	Determines whether Conferencing is enabled on the node		-	x	x	-

Configuration parameters (Sheet 5 of 13)

Category	Parameter	Description	When updated ¹	Install ²	EM ³	LCI GUI	Other Tool ⁴
Conferencing Service	Conference Expansion Ports	<p>This field indicates the number of reserved conference ports that can be used to grow existing conferences, but that cannot be used in reservations for new conferences. This prevents existing conferences from running out of resources. Once a port from this buffer is used, it is restored to the pool of resources after any member of the conference in the pool drops out of the conference.</p> <p>When you increase this number, fewer ports are available for general use. For example, if you reserve four ports, a 32-port pool will have only 28 ports available for new conferences. If you decrease this number, fewer ports are available to grow existing conferences when the pool is full.</p>	I	x	x	x	-

Configuration parameters (Sheet 6 of 13)

Category	Parameter	Description	When updated ¹	Install ²	EM ³	LCI GUI	Other Tool ⁴
Bearer card	Annc Circuits per Card	This is the number of circuits available for announcements on each bearer card in the system. For IP fabric systems, this number is taken from the engineering data for the system. For ATM fabric systems, this number is set automatically by the system. If IVR is enabled, this number should be greater than zero. The allowable values are zero through the value of Max. Annc Circuits per Card.	I	x	x	x	-
Bearer card	Conference Circuits per Card	This is the number of circuits available for conferencing on each bearer card in the system. This number is taken from the engineering data for the system. If conferencing is enabled, this number should be greater than zero. The allowable values are zero through the value of Max. Conf. Circuits per Card.	I	x	x	x	-

Configuration parameters (Sheet 7 of 13)

Category	Parameter	Description	When updated ¹	Install ²	EM ³	LCI GUI	Other Tool ⁴
Bearer card	Transmit Gain	This is the strength of a signal going out from the vocoder of an rtp endpoint as compared with the strength of a signal going into the vocoder.		x	x	x	-
Bearer card	Receive Gain	This is the strength of a signal coming into an rtp endpoint from the decoder as compared with the strength of a signal coming into the decoder.		x	x	x	-
CG6000	IP address for card n	Defines the IP address associated with the specified card		-	x	x	-
CG6000	Network mask for card n	Defines the net mask associated with the card		-	x	x	-
CG6000	IP address of the router for card n	Defines the IP address of the router/gateway to which the card is connected		-	x	x	-
CG6000	BCT enabled on card n	Determines whether Bearer Channel Tandeming is enabled on the card		-	-	x	-
CG6000	RTP base port	Defines the first port used for real-time protocol streams on VoIP cards		-	x	x	-

Configuration parameters (Sheet 8 of 13)

Category	Parameter	Description	When updated ¹	Install ²	EM ³	LCI GUI	Other Tool ⁴
CG6000	Supported Codec	Indicates which of the following codecs are supported: G.711, G.723, G.726, G.729, T.38		-	x	x	-
CG6000	G729B	Indicates support for G.729B		-	x	x	-
CG6000	Default TOS	Determines the Type of Service (TOS) bit usage for the UAS, 0-255		-	x	x	-
CG6000	RFC 2833 DTMF	Indicates how the UAS will determine whether RFC2833 is enabled for each RTP connection. RFC2833 defines a method for passing DTMF digits "out-of-band" in special RTP packets, in order to provide more reliable DTMF recognition than is possible with low-bandwidth codecs.		-	x	x	-

Configuration parameters (Sheet 9 of 13)

Category	Parameter	Description	When updated ¹	Install ²	EM ³	LCI GUI	Other Tool ⁴
CG6000	RFC 2833 DTMF Squelch	Normally, when RFC2833 support is enabled for a call, any DTMF digits from the UAS will be sent only in RFC2833-defined packets, and they will be stripped from the voice path. If the value of RFC2833DTMF is AlwaysOn, the entry in this field determines whether the DTMF will be stripped (squelched) from the voice path.	R	-	x	x	-
Trunking Gateway or Audio Management	Tone set	Establishes the default tone set for the UAS, by country	R	-	x	x	-
ATM Bearer Interface	ATM companding mode	Determines the companding mode, either A-law or Mu-law	I	-	x	x	-
ATM Bearer Interface	Optical carrier mode	Determines the appropriate optical carrier standard for an ATM card, either SONET (a North American standard for optical carriers) or SDH (a European standard for optical carriers). The default for AAL1 systems is SONET.	I	-	x	x	-

Configuration parameters (Sheet 10 of 13)

Category	Parameter	Description	When updated ¹	Install ²	EM ³	LCI GUI	Other Tool ⁴
ATM Bearer Interface	ATM CTone support	When ATM BCT support is enabled, determines how the audio endpoints for the ATM card are defined	I	-	-	x	-
ATM Bearer Interface	ATM BCT support	Indicates whether Bearer Channel Tandeming is supported	I	-	-	x	-
ATM Bearer Interface	Bearer interface table fields: slot id; card port; card description; local atm address; alarm state; operational state; administrative state	Links a local port ATM address to a particular ATM interface port	R	-	x	-	-
ATM Bearer Connections	Remote gateway table fields: gateway name; gateway ATM address; local port ATM address table; slot id; card port; card description; local port address	Provides the UAS with a remote gateway's name and ATM address	R	-	x	-	-
SNMP	UAS SNMPV3 User Names	Defines SNMPv3 user names for read-only access and read/write access by the SNMP-based management system	I	-	-	x	-
SNMP	UAS SNMPV2c Community Names	Defines SNMPv2c community names (optional)	I	-	-	x	-

Configuration parameters (Sheet 11 of 13)

Category	Parameter	Description	When updated ¹	Install ²	EM ³	LCI GUI	Other Tool ⁴
SNMP	SNMP Trap Destinations	Defines IP address, port, and trap version for each SNMP trap destination. The IP address is the address to which SNMP traps are sent. The port is the UDP port associated with the remote SNMP management station. The version is the SNMP version of the SNMP traps sent by the UAS. (Note: One trap destination can be configured with the LCI GUI. Multiple trap destinations can be configured with the UAS Manager.)	R	-	x	x	-
Main Subagent	System Log Level	System logs are information, warning, or error events. Specifies that the Main Subagent is to send either all logs for that source, only warning and error logs for that source, only error logs for that source, or no logs for that source to the management station	R	-	x	-	-

Configuration parameters (Sheet 12 of 13)

Category	Parameter	Description	When updated ¹	Install ²	EM ³	LCI GUI	Other Tool ⁴
Main Subagent	Audio Server Log Level	Audio Server logs include information, warning, or error events. Specifies that the Main Subagent is to send either all logs for that source, only warning and error logs for that source, only error logs for that source, or no logs for that source to the management station	R	-	x	-	-
Main Subagent	Application Log Level	Application logs include information, warning, or error events. Specifies that the Main Subagent is to send either all logs for that source, only warning and error logs for that source, only error logs for that source, or no logs for that source to the management station	R	-	x	-	-
Main Subagent	Security Log Level	Logs are either audit-succeed or audit-fail. Specifies that the Main Subagent is to send either all security logs, only audit-fail logs, or no logs for that source to the management substation	R	-	x	-	-
Test Trunks	Test Trunk support	Denotes whether this card is to be used for test trunks	I	-	-	x	-

Configuration parameters (Sheet 13 of 13)

Category	Parameter	Description	When updated¹	Install²	EM³	LCI GUI	Other Tool⁴
Test Trunks	Test Trunk config size	The size of the local office: small (50K trunks); medium (100K trunks); large (200K trunks). This determines the number of channels available for tests.	I	-	-	x	-
Test Trunks	Sage box IP 1 and 2	The IP address of the Sage test trunk box(es). For the small and medium test trunk configurations, one Sage box is used. For the large test trunk configuration, two Sage boxes are used.	I	-	-	x	-

1. Updated at Init time (change takes effect at the time of the next application restart) or at Run time (change takes effect immediately).

2. Performed either during initial installation or during software upgrades.

3. Universal Audio Server Manager

4. Editor such as vi or Notepad.

Universal Audio Server Manager function

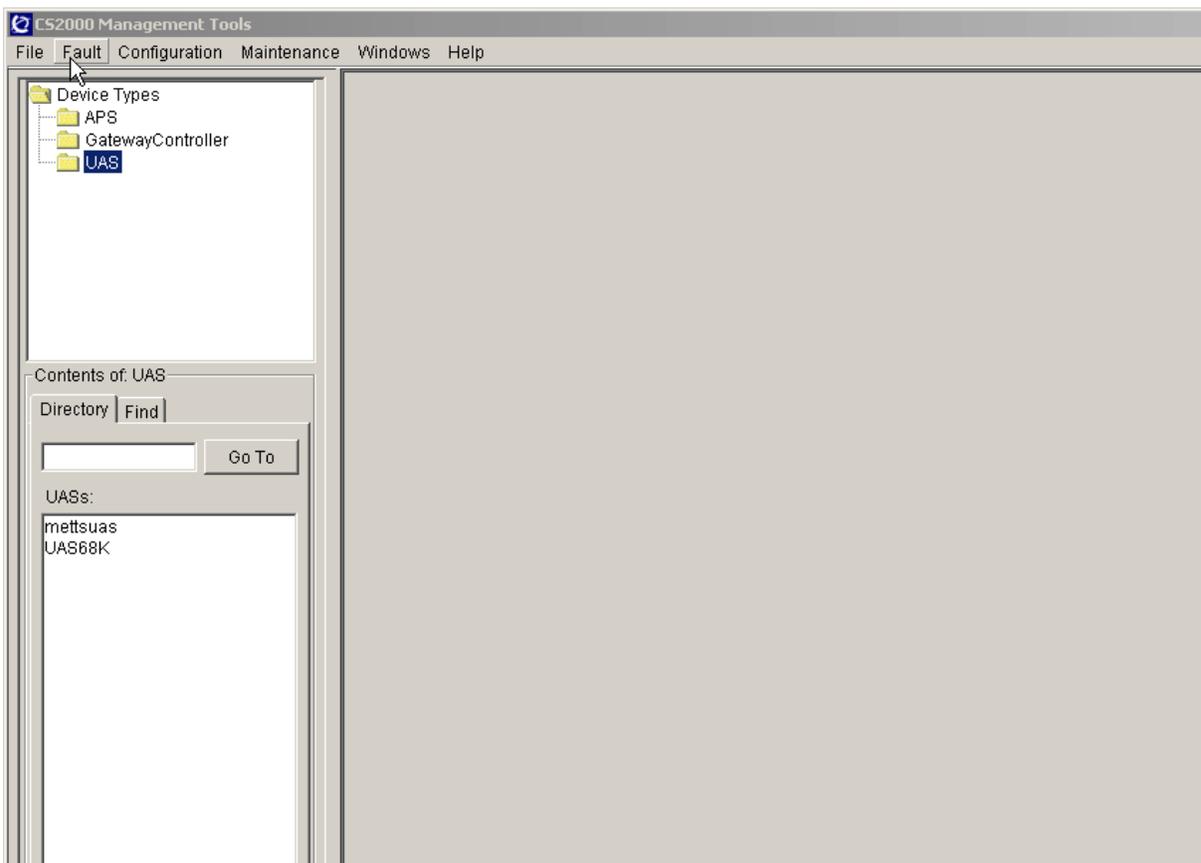
The Universal Audio Server Manager is used for viewing UAS and APS alarms and logs, for performing UAS fault management recovery procedures, and for manipulating UAS configuration parameters.

Note: The Universal Audio Server Manager cannot be used for maintenance or configuration of the Media Server 2000 Series.

When you log in to the Universal Audio Server Manager, the main screen displays. The screen contains a list of network elements displayed in the "Topology" pane, located in the top left-hand corner of the screen.

From the main screen, you can then choose a network element type displayed in the Topology pane. After making the selection, the network element units of that type installed in the system display in the "Network Elements" pane, located in the lower left-hand corner of the screen, as shown in the following illustration.

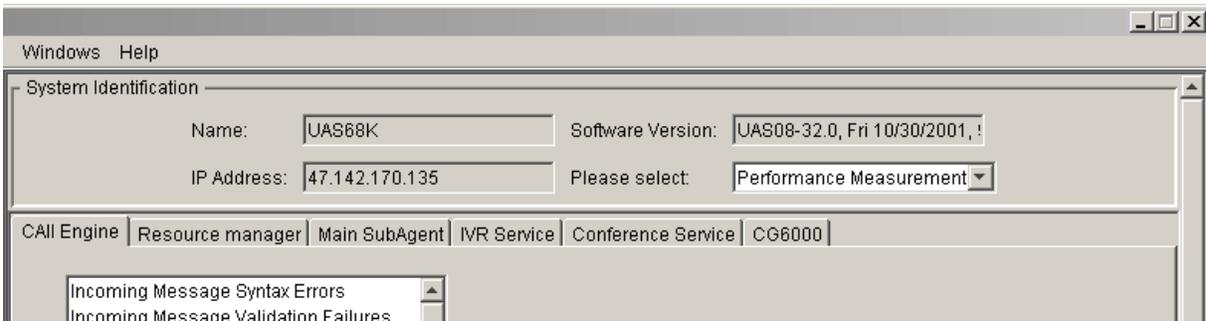
Universal Audio Server Manager main screen showing UAS units in the Network Elements pane



System Identification pane

When you select a network element unit in the Network Elements pane of the Universal Audio Server main screen, a System Identification pane (top right-hand panel) and a component-specific pane (located immediately below the System Identification pane), similar to the one shown in the following illustration, display.

Universal Audio Server Manager main screen showing a System Identification pane for a UAS.



The system identification pane contains the following information pertaining to the network element unit you have selected:

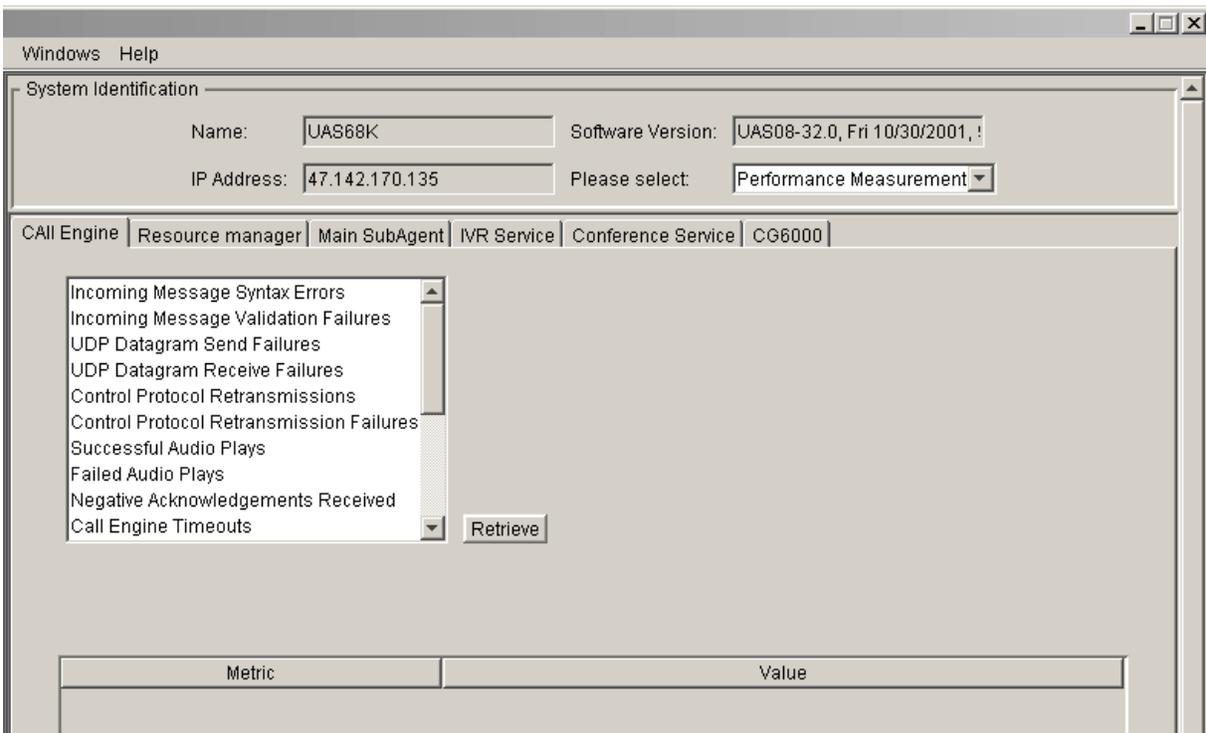
- name
- IP address
- software version running on the unit and the software build time-stamp
- pull-down list of configuration information pertaining to the network element unit you have selected

Component-specific pane

The component-specific pane contains a listing of configuration information corresponding to the selection you make in the pull-down list in the box labeled, "Please select."

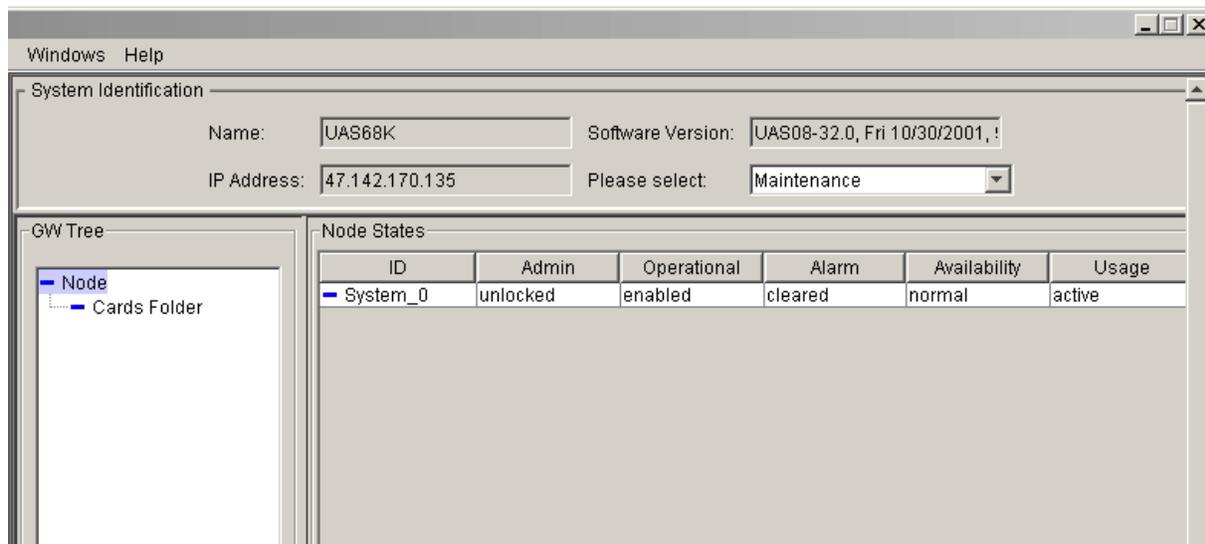
Performance Measurement When you select “Performance Measurement” in the pull-down list, a screen like that shown in the following illustration displays. The component-specific pane contains tabs with which you can select different types of performance measurement information. For a description of each of the performance measurements that can be displayed, see the document, NN10139-711, entitled “UAS Performance Management,” in your UAS document suite.

Universal Audio Server Manager main screen showing the Performance Measurement selection



Maintenance When you select “Maintenance” in the pull-down list, a screen like that shown in the following illustration displays.

Universal Audio Server Manager main screen showing the Maintenance selection



If you select the “Node” folder in the Network Element Tree pane, a “Node States” pane displays, providing state information about the node. The following table describes the state information provided for the node.

Node states (Sheet 1 of 2)

State type	Values	Description	Normal state
Admin	unlocked shutting down locked	indicates if the node is permitted to perform services (unlocked), or is not permitted to perform services (locked)	unlocked
Operational	enabled disabled	indicates whether the node is providing service (enabled) or cannot provide service (disabled)	enabled
Alarm	cleared warning minor major critical	indicates the status of the most severe alarm for the component. A “cleared” status indicates that no alarms are active.	cleared

Node states (Sheet 2 of 2)

State type	Values	Description	Normal state
Availability	normal	not applicable	normal
Usage	idle active busy	indicates if a node is not in use (idle), is in use (active), or is in use and is at maximum capacity (busy)	idle or active

When you select (click) the selected node, buttons located at the bottom of the screen become activated. Depending on the current operational state of the node, you may then lock, unlock, restart, or reboot the node, or you may view component states information for the node. These operations are described fully in dedicated procedures located in the document, NN10073-911, entitled “UAS Fault Management,” in your UAS document suite.

If you select the “Cards Folder” in the Network Element Tree pane, operation information about the cards provisioned in the node displays in the “Content of Cards Folder” pane. When you select (click) a card in the list of cards, buttons located at the bottom of the screen become activated. Depending on the current operational state of the card, you may then lock or unlock the card, or you may view component states information for the card. These operations are described fully in dedicated procedures located in the document, NN10073-911, entitled “UAS Fault Management,” in your UAS document suite.

Configuration When you select “Configuration” in the pull-down list, a screen like that shown in the following illustration displays. The screen contains configuration file parameters, and tabs for additional screens containing configuration file parameters, that enable you to change configuration information applicable to the bearer fabric type of your node. The configuration file parameters are described in the table entitled, [Configuration parameters on page 21](#). Procedures that show how to change configuration information using the Universal Audio Server Manager can be found in the document, NN10095-511, entitled “UAS Configuration Management,” in your UAS document suite.

Universal Audio Server Manager main screen showing the Configuration selection

The screenshot displays the Universal Audio Server Manager main screen. The window title is "Windows Help". The "System Identification" section shows the following fields:

Name:	UAS68K	Software Version:	UAS08-32.0, Fri 10/30/2001, !
IP Address:	47.142.170.135	Please select:	Configuration

The "Network element Tree" on the left shows a "Node" folder containing a "Cards Folder". The "Details of selected tree node" section has tabs for "General", "Bearer", "Call Agent", and "Log Levels". The "General" tab is active, showing the following configuration parameters:

Bearer Type: IP			
Gateway Control Protocol:	H.248	IVR Support:	ENABLED
Conferencing State:	ENABLED	Conference Spanning:	DISABLED
Conf. Expansion Ports:	1	NTP Server IP:	2.2.2.2
Primary DBServer Host:	Aps01	Primary DBServer IP:	2.3.4.5
Backup Storage IP:	10.20.30.41	Audio Synch On Restart:	DISABLED
Tone Set:	Austria	End Points:	100

SNMP Configuration When you select “SNMP Configuration” in the pull-down list, a screen like that shown in the following illustration displays. The component-specific pane contains a “Trap Destinations” pane, which shows existing SNMP configuration. From this pane, you can add new information, or you can modify or delete existing information. Procedures that show how to change the SNMP configuration information using the Universal Audio Server Manager can be found in the document, NN10095-511, entitled “UAS Configuration Management,” in your UAS document suite.

Universal Audio Server Manager main screen showing the SNMP Configuration selection

The screenshot shows a window titled "Windows Help" with a "System Identification" pane and a "Trap Destinations" pane. The "System Identification" pane contains the following information:

Name:	UAS68K	Software Version:	UAS08-32.0, Fri 10/30/2001, !
IP Address:	47.142.170.135	Please select:	SNMP Configuration

The "Trap Destinations" pane contains a table with the following columns:

IP Address	Port	Security Name	Alarms	Logs	Ptm ColdStart	Std ColdStart	Version
------------	------	---------------	--------	------	---------------	---------------	---------

Below the table are three buttons: "Add...", "Modify...", and "Delete..."

ATM Bearer Interface When you select “ATM Bearer Interface” in the pull-down list, a screen like that shown in the following illustration displays. The component-specific pane contains a “UAS ATM Bearer Interfaces” pane that enables you to link a local port ATM address to a particular ATM interface port. Through this pane, the current state of the ATM interface can be monitored and the administrative state of the card can be modified. A procedure that enables you change ATM bearer interface settings using the Universal Audio Server Manager can be found in document, NN10095-511, entitled “UAS Configuration Management,” in your UAS document suite.

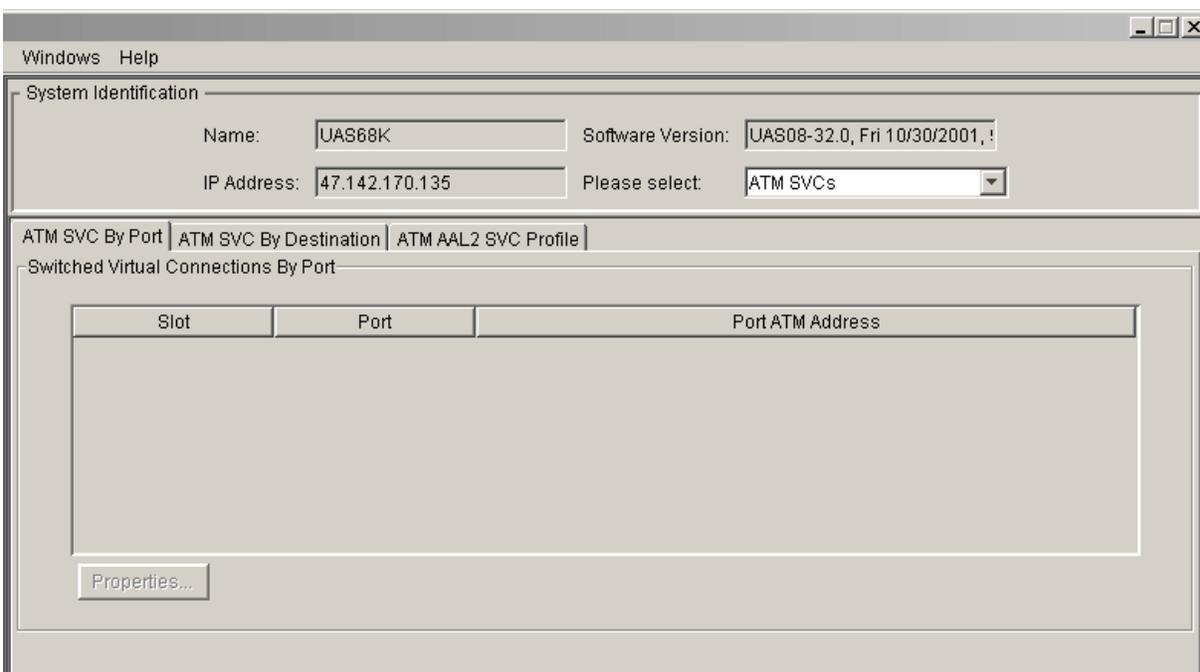
Universal Audio Server Manager main screen showing the ATM Bearer Interface selection

The screenshot shows the Universal Audio Server Manager main screen. The window title is "Windows Help". The main content area is divided into three sections:

- System Identification**:
 - Name: UAS68K
 - Software Version: UAS08-32.0, Fri 10/30/2001, !
 - IP Address: 47.142.170.135
 - Please select: ATM Bearer Interface (dropdown menu)
- UAS ATM Bearer Interfaces**:
 - A table with columns: Slot ID, Card Port, Card Desc., Local Port ATM Address, Alarm State, Op. State, Admin State.
 - Buttons: Link..., Unlink..., Change State..., Properties...
- UAS ATM System Information**:
 - ATM Adaptation Layer: AAL2
 - Companding Mode: A-LAW

ATM SVCs When you select “ATM SVCs” in the pull-down list, a screen like that shown in the following illustration displays. Three tabs in the component-specific pane enable you to choose whether to view information related to a selected port ATM address, to view information related to a selected destination ATM address, or to view and modify an ATM AAL2 SVC profile. A procedure, “Viewing ATM SVC settings,” that enables you perform these tasks using the Universal Audio Server Manager can be found in document, NN10095-511, entitled “UAS Configuration Management,” in your UAS document suite.

Universal Audio Server Manager main screen showing the ATM SVCs selection



ATM AAL2 PVCs When you select “ATM AAL2 PVCs” in the pull-down list, a screen like that shown in the following illustration displays. The screens in the component-specific pane enable you to provide the UAS with a remote gateway’s name and ATM address. A procedure that enables you to change ATM AAL2 PVC settings using the Universal Audio Server Manager can be found in document, NN10095-511, entitled “UAS Configuration Management,” in your UAS document suite.

Universal Audio Server Manager main screen showing the ATM AAL2 PVCs selection

The screenshot shows a Windows-style application window titled "Windows Help". The main content area is divided into three sections:

- System Identification:** Contains fields for Name (UAS68K), Software Version (UAS08-32.0, Fri 10/30/2001, !), IP Address (47.142.170.135), and a dropdown menu labeled "Please select:" with "ATM AAL2 PVCs" selected.
- Remote Gateways:** Contains a table with columns "Gateway" and "Gateway ATM Address". Below the table are buttons for "Add...", "Modify...", "Delete...", and "Properties...".
- Local ATM Ports:** Contains a table with columns "Slot ID", "Card Port", "Card Desc.", and "Available Local Port Address".

Gateway	Gateway ATM Address
---------	---------------------

Slot ID	Card Port	Card Desc.	Available Local Port Address
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Status pane

The Status pane, located below the component-specific pane, records status messages pertaining to the communication of the node with the Universal Audio Server Manager server. The messages can be used in basic troubleshooting when communication between the node the Universal Audio Server Manager is disrupted.

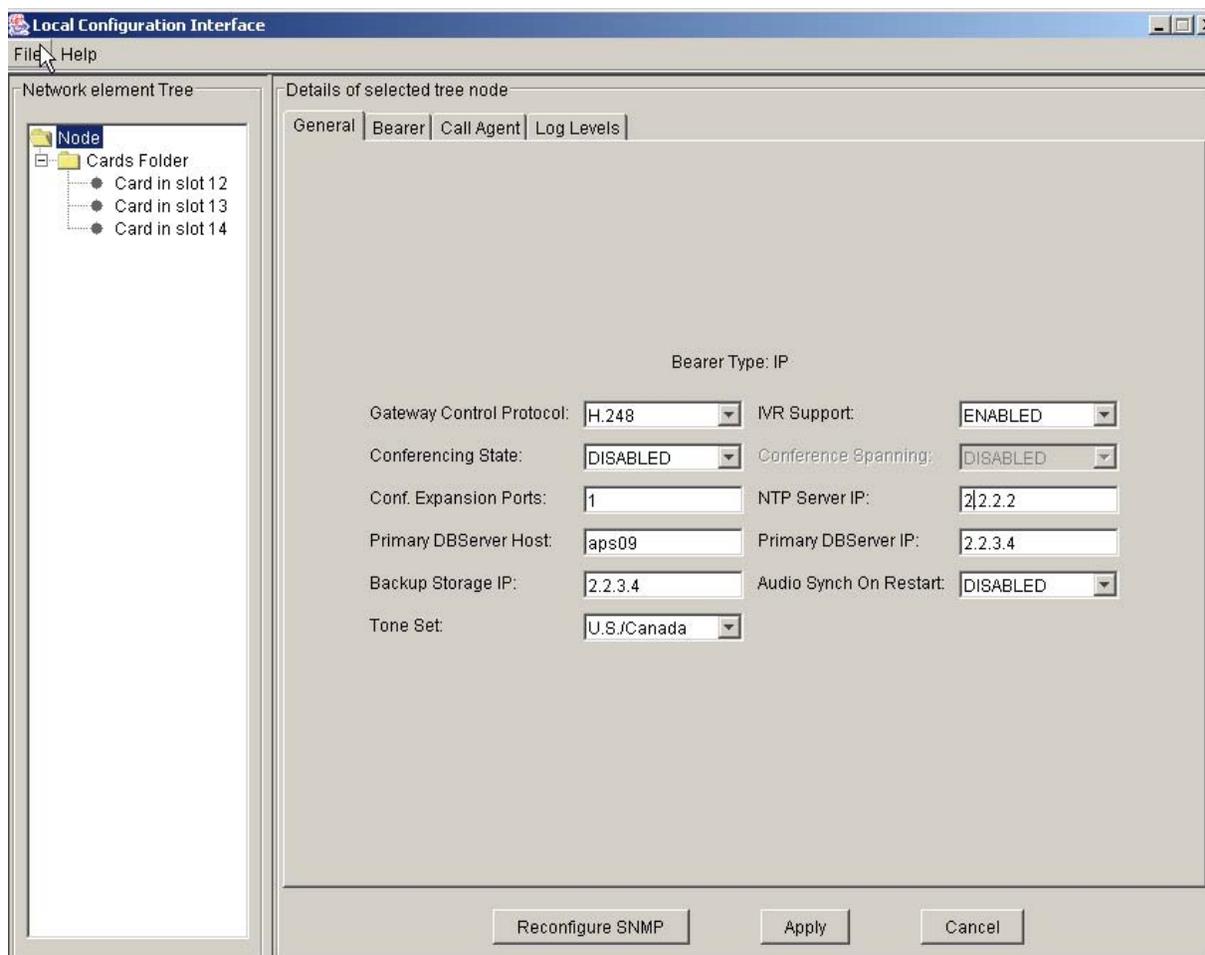
When you place your cursor in the Status pane and right-click your mouse, three options display that enable you to clear existing messages from the status pane, to refresh the status pane content, or to collect the status pane content for insertion into a file on your PC desktop.

Local Configuration Interface (LCI) GUI

The Local Configuration Interface (LCI) GUI enables you to change the configuration file parameters. Although the Universal Audio Server Manager should normally be used for this purpose, the LCI GUI enables you to make configuration file updates in the event that the Universal Audio Server Manager is not operating. The LCI GUI is run on a single, local node.

When you launch the LCI GUI, the main screen displays. A “Node” folder displays in the Network Element Tree pane of the screen. When you select the Node folder, the configuration screen appropriate for the bearer fabric of your node displays. If the bearer fabric of your node is ATM, you may need to also select the appropriate ATM bearer fabric of your node, either ATM-AAL1 or ATM-AAL2. A sample IP bearer fabric configuration screen is shown in the following illustration.

LCI GUI configuration screen for an IP bearer fabric node

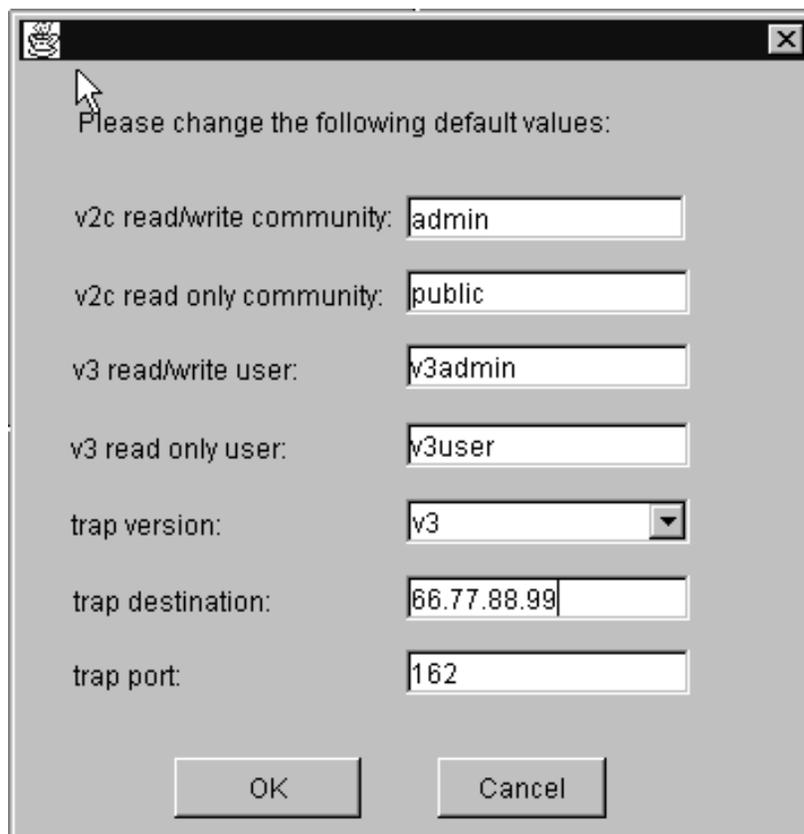


The screen contains configuration file parameters, and tabs for additional screens containing configuration file parameters, that enable you to change configuration information applicable to the bearer fabric type of your node. All of the configuration file parameters that you can modify through the LCI GUI are described in the table entitled, [Configuration parameters on page 21](#).

SNMP Configuration file parameters

If you click the “Reconfigure SNMP” button located at the bottom of the LCI GUI configuration screen, an SNMP configuration screen, like that shown in the following illustration, displays. From this screen you can change the SNMP management configuration file parameters.

LCI GUI SNMP configuration screen



Please change the following default values:

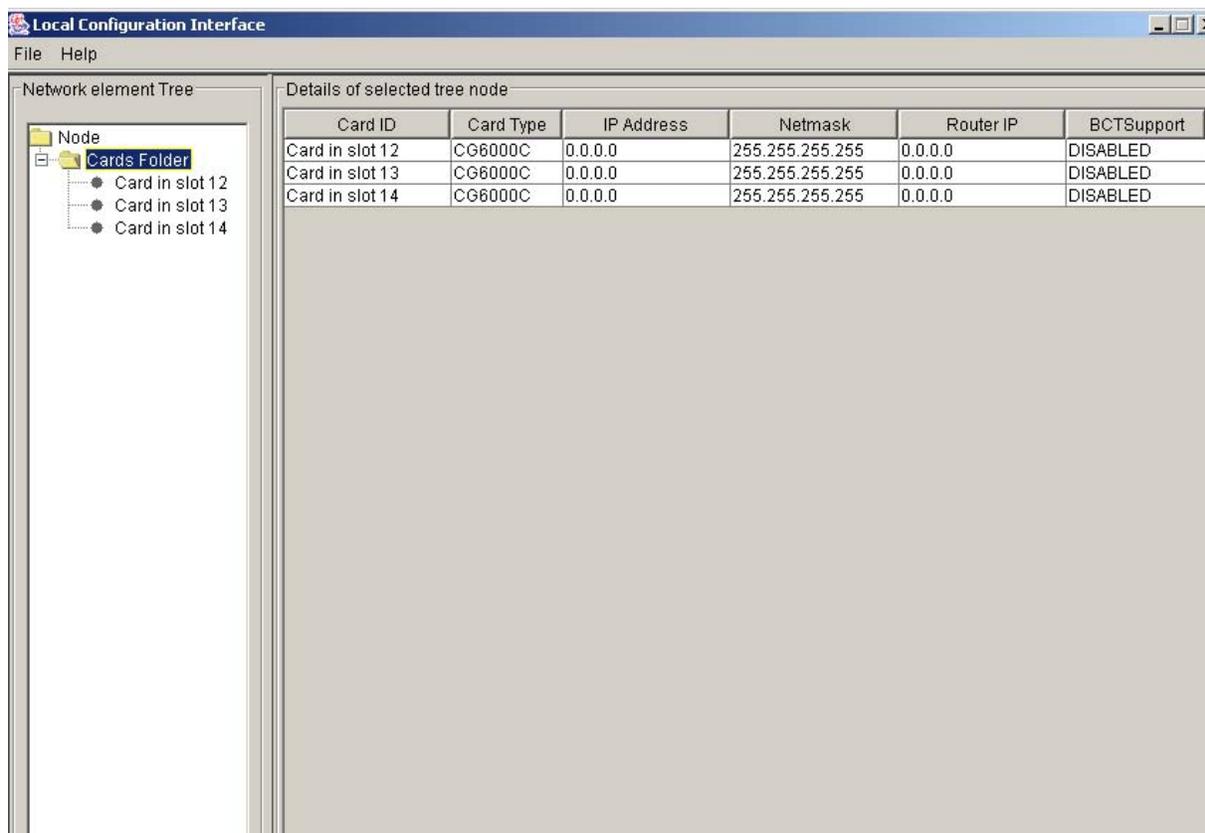
v2c read/write community:	<input type="text" value="admin"/>
v2c read only community:	<input type="text" value="public"/>
v3 read/write user:	<input type="text" value="v3admin"/>
v3 read only user:	<input type="text" value="v3user"/>
trap version:	<input type="text" value="v3"/>
trap destination:	<input type="text" value="66.77.88.99"/>
trap port:	<input type="text" value="162"/>

OK Cancel

CG6000C card Configuration file parameters

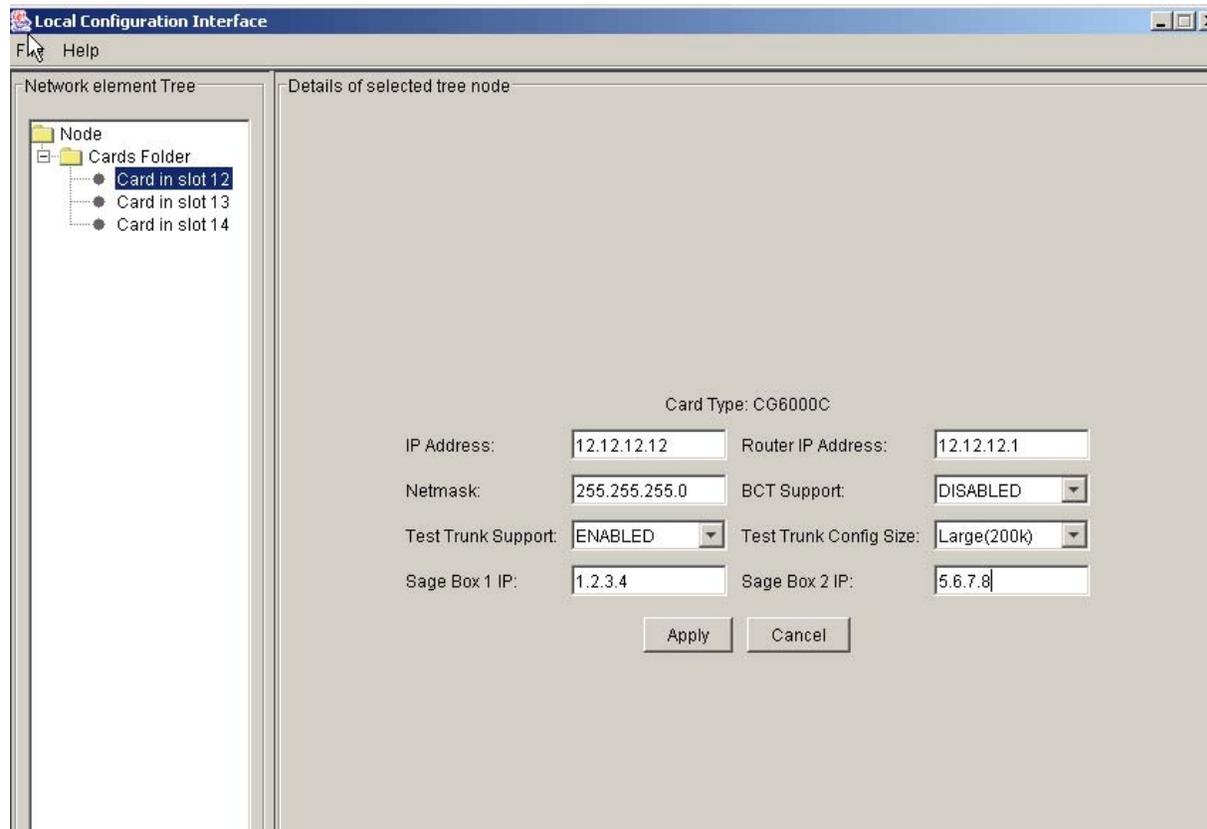
If the bearer fabric of your node is IP, the “Cards Folder”, located in the Node folder, displays. If you select the Cards Folder, a cards screen like that shown in the following illustration displays in the “Details of selected tree node” window. From this screen you can view the various Configuration file parameters associated with the CG6000C cards provisioned in your node.

LCI GUI CG6000C cards screen



If you then double-click the Cards Folder, a bulleted list of the cards shown in the cards screen displays below the Node folder. When you select the bullet associated with a card in this list, a detail screen for the card you have chosen displays in the “Details of selected tree node” window, like that shown in the following illustration. Through this screen, you can change the configuration file parameters for the card.

LCI GUI CG6000C card detail screen



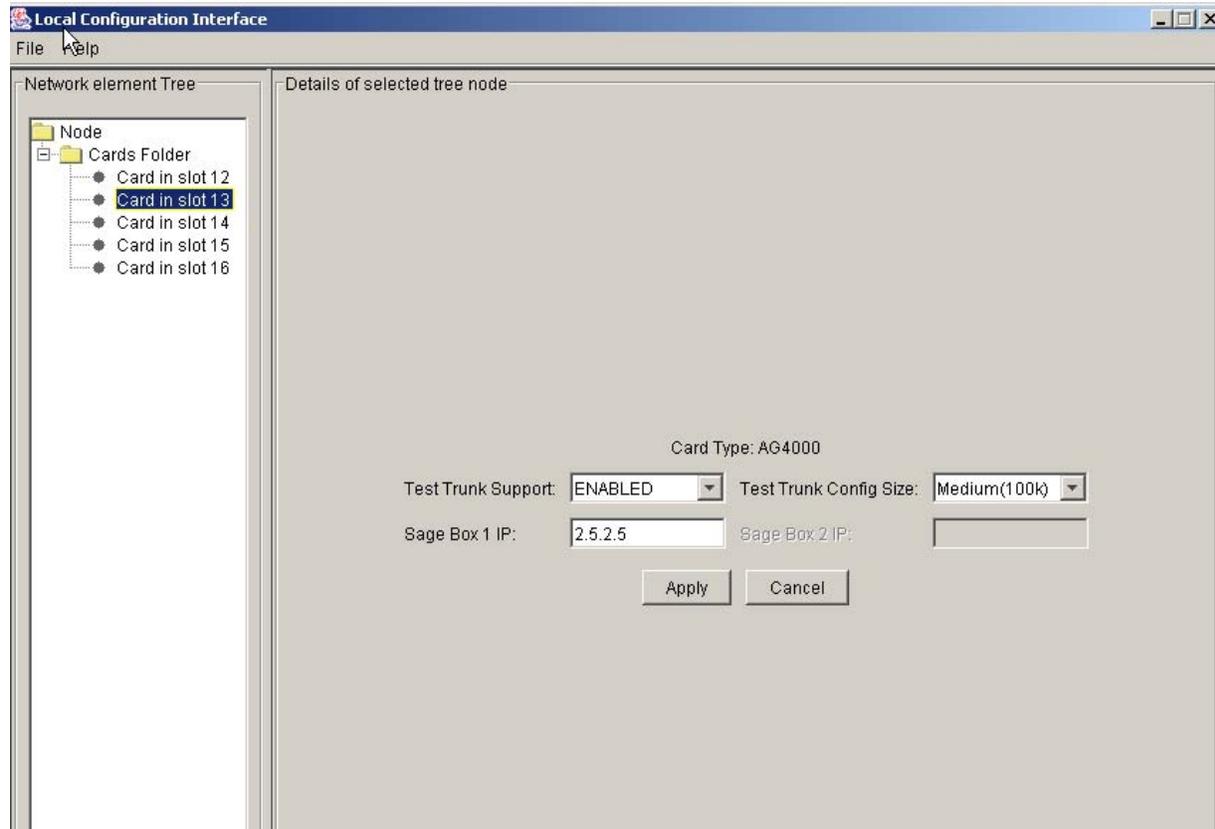
ATM-AAL1 card Configuration file parameters

When an AG4000 card is provisioned in the ATM-AAL1 node, used for ATM CTone Support, this capability is enabled through the "ATM CTone Support" field in the General tab window of the ATM-AAL1 configuration screen. There is no separate card configuration screen for the ATM-AAL1 AG4000 card.

ATM-AAL2 card Configuration file parameters

If the bearer fabric of your node is ATM-AAL2, a bulleted list of the AG4000 cards configured in the node for test trunk support displays below the Node folder. When you select the bullet associated with a card in this list, a detail screen for the card you have chosen displays in the "Details of selected tree node" window, like that shown in the following illustration. Through this screen, you can configure the card for trunk testing support.

LCI GUI ATM-AAL2 AG4000 card detail screen



Procedures for changing Configuration file parameters

A procedure that shows how to change configuration information using the LCI GUI can be found in the document, NN10095-511, entitled "UAS Configuration Management," in your UAS document suite. Procedures for datafilling the CG6000 and AG4000 card configuration parameters, in response to card removal or addition, can be found in the document, NN10073-911, entitled "UAS Fault Management," in your UAS document suite.

UAS and APS Configuration management procedures

The following table lists configuration procedures used for identifying the UAS and APS in the network topology (Universal Audio Server Manager)

Configuration procedures used to identify a UAS or APS in the network topology

Procedure and page	Interface or Tool used
Adding a UAS or APS to the network topology on page 59	UAS Manager
Deleting a UAS or APS from the network topology on page 60	UAS Manager
Renaming a UAS or APS in the network topology on page 61	UAS Manager

The following table lists UAS-specific configuration procedures.

UAS-specific configuration procedures

Procedure and page	Interface or Tool used
Changing the audio management DB server IP address on page 62	UAS Manager
Changing ATM bearer interface settings on page 63	UAS Manager
Changing ATM AAL2 PVC settings on page 65	UAS Manager
Viewing ATM SVC settings on page 68	UAS Manager
Configuring the SNMP trap destination on page 72	UAS Manager
Modifying configuration parameters through the Universal Audio Server Manager on page 74	UAS Manager
Modifying configuration parameters through the Local Configuration Interface GUI on page 90	LCI GUI
Configuring tone sets on page 108	Toneset Configuration GUI

The following table lists APS system-specific configuration procedures.

APS system-specific configuration procedures

Procedure and page	Interface or Tool used
Configuring the SNMP agent on page 122	Command line
Configuring the APS for operation on page 128	APS GUI
Creating audio for a UAS on page 131	APS GUI

The following table lists APS GUI Administration general tasks.

APS GUI Administration general tasks

Procedure and page
Associate existing provision sets with a new UAS node on page 132
Associate existing provision sets with an existing UAS node on page 133
Playing a physical segment's audio file on page 134
Finding references to a provisionable entity on page 136
Editing APS System Parameters on page 137

The following table lists APS GUI Administration procedures.

APS GUI Administration procedures (Sheet 1 of 2)

Type of element	Procedure and page
Selector Type	Creating a selector type on page 140
Selector Type	Listing selector types on page 142
Selector Type	Deleting a selector type on page 143
Selector Type	Adding a selector value to a selector type on page 144
Selector Type	Cutting a selector value from a selector type on page 145
Selector Value	Creating a selector value on page 146
Selector Value	Listing selector values on page 147
Selector Value	Deleting a selector value on page 148
Selector Value	Editing a selector value on page 149
User	Creating users on page 150
User	Listing users on page 153
User	Editing user profiles on page 154
User	Deleting users from the database on page 155
Program Group	Creating a program group on page 156
Program Group	Listing program groups on page 158
Program Group	Deleting a program group on page 159
Program Group	Adding user IDs, segment IDs, or package IDs to a program group on page 160
Program Group	Cutting user IDs, segment IDs, or package IDs from a program group on page 163
Provision Set	Creating a provision set on page 165
Provision Set	Listing provision sets on page 167
Provision Set	Deleting a provision set on page 168

APS GUI Administration procedures (Sheet 2 of 2)

Type of element	Procedure and page
Provision Set	Adding program groups to a provision set on page 169
Provision Set	Cutting program groups from a provision set on page 170
UAS Node	Creating a UAS node on page 171
UAS Node	Listing UAS nodes on page 173
UAS Node	Deleting a UAS node on page 174
UAS Node	Enabling provisioning of a UAS node on page 175
UAS Node	Disabling provisioning of a UAS node on page 177
UAS Node	Provisioning a UAS node on page 178
UAS Node	Adding a provision set to a UAS node on page 181
UAS Node	Cutting a provision set from a UAS node on page 182

The following table lists APS GUI Audio Management general tasks.

APS GUI Audio Management general tasks

Procedure and page
Adding audio to the database on page 183
Adding audio to a language folder on page 184
Deleting audio from the database on page 185
Provisioning audio in multiple languages on page 186
Building an export package on page 188

The following table lists APS GUI Audio Management procedures.

APS GUI Audio Management procedures (Sheet 1 of 4)

Type of element	Procedure and page
Physical Segment	Uploading audio files on page 189
Physical Segment	Filtering physical segments on page 192

APS GUI Audio Management procedures (Sheet 2 of 4)

Type of element	Procedure and page
Physical Segment	Importing physical segments on page 195
Physical Segment	Editing physical segment properties on page 199
Physical Segment	Replacing audio on page 201
Physical Segment	Cloning a physical segment on page 203
Export Package	Creating an export package on page 205
Export Package	Locking and unlocking an export package on page 207
Export Package	Adding physical segments to an export package on page 209
Export Package	Adding simple sets to an export package on page 210
Export Package	Editing export package properties on page 211
Export Package	Cloning an export package on page 212
Export Package	Exporting audio packages on page 214
Export Package	Distributing audio packages on page 217
Audio Set	Creating audio sets on page 221
Audio Set	Adding segments to an audio set on page 223
Audio Set	Changing a set type on page 226
Audio Set	Editing audio sets on page 228
Audio Set	Changing the set element selector value on page 230
Audio Set	Changing the set default element on page 232
Audio Set	Cloning an audio set on page 234
Audio Sequence	Creating sequences on page 235
Audio Sequence	Adding segments to an audio sequence on page 237
Audio Sequence	Reordering sequence elements on page 239
Audio Sequence	Editing audio sequences on page 241

APS GUI Audio Management procedures (Sheet 2 of 4)

Type of element	Procedure and page
Physical Segment	Importing physical segments on page 195
Physical Segment	Editing physical segment properties on page 199
Physical Segment	Replacing audio on page 201
Physical Segment	Cloning a physical segment on page 203
Export Package	Creating an export package on page 205
Export Package	Locking and unlocking an export package on page 207
Export Package	Adding physical segments to an export package on page 209
Export Package	Adding simple sets to an export package on page 210
Export Package	Editing export package properties on page 211
Export Package	Cloning an export package on page 212
Export Package	Exporting audio packages on page 214
Export Package	Distributing audio packages on page 217
Audio Set	Creating audio sets on page 221
Audio Set	Adding segments to an audio set on page 223
Audio Set	Changing a set type on page 226
Audio Set	Editing audio sets on page 228
Audio Set	Changing the set element selector value on page 230
Audio Set	Changing the set default element on page 232
Audio Set	Cloning an audio set on page 234
Audio Sequence	Creating sequences on page 235
Audio Sequence	Adding segments to an audio sequence on page 237
Audio Sequence	Reordering sequence elements on page 239
Audio Sequence	Editing audio sequences on page 241

APS GUI Audio Management procedures (Sheet 3 of 4)

Type of element	Procedure and page
Audio Sequence	Cloning an audio sequence on page 242
Audio Variable	Creating audio variables on page 243
Audio Variable	Editing audio variables on page 248
Audio Variable	Changing the default language on page 249
Audio Variable	Changing the variable subtype on page 250
Audio Variable	Cloning an audio variable on page 251
Language Version	Displaying language version folder contents on page 252
Language Version	Creating language version folders and subfolders on page 253
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Adding a UAS or APS to the network topology

The following procedure enables you to add a new audio server (UAS) or audio provisioning server (APS) to the Universal Audio Server Manager interface.

Adding a UAS or APS to the network topology

At the Configuration Menu of the Universal Audio Server Manager

- 1 Select either the Add UAS or Add APS option.
- 2 In the Add Audio Server or Add Audio Provisioning Server window, enter the following information:
 - server name

Note 1: It is recommended that the server (node) name assigned the UAS or APS not exceed 20 characters in length.

Note 2: Ensure that this is the same server name entered during installation of the unit.
 - IP address
 - port number used by the SNMP master agent (this must be consistent with the port number established during the installation of the server)
 - security name
- 3 Click the Add button in the window.

The UAS or APS unit appears in the Network Elements pane of the Universal Audio Server Manager main screen.
- 4 You have completed this procedure.

Deleting a UAS or APS from the network topology

This procedure enables you to delete an audio server (UAS) or audio provisioning server (APS) from the Universal Audio Server Manager Interface.

Deleting a UAS or APS from the network topology

At the Network Elements pane of the Universal Audio Server Manager main screen

- 1 Select the UAS or APS for deletion.
- 2 In the Configuration menu, select either the Delete UAS or Delete APS option.
- 3 In the Delete Warning window that displays, click OK.
The system performs the deletion and updates the Network Elements pane of the Universal Audio Server main screen.
- 4 You have completed this procedure.

Renaming a UAS or APS in the network topology

This procedure enables you to rename an audio server (UAS) or audio provisioning server (APS) that is currently viewable through the Universal Audio Server Manager interface.

Renaming a UAS or APS in the network topology

At the Network Elements pane of the Universal Audio Server Manager main screen

- 1 Select the UAS or APS unit to be renamed.
- 2 In the Configuration menu, select either the Delete UAS or Delete APS option.
- 3 In the Delete Warning window that displays, click OK.

The system performs the deletion and updates the Network Elements pane of the Universal Audio Server Manager main screen.

At the Configuration Menu

- 4 Select either the Add UAS or Add APS option.
- 5 In the Add UAS or Add APS window, enter the following information for the renamed unit:

- new server name

Note: It is recommended that the server (node) name assigned the UAS or APS not exceed 20 characters in length.

- IP address
- port number used by the SNMP master agent (this must be consistent with the port number established during the installation of the server)
- security name

- 6 Click the Add button in the window.

The UAS or APS unit appears in the Network Elements pane of the Universal Audio Server main screen.

- 7 You have completed this procedure.

Changing the audio management DB server IP address

This procedure enables you to change the IP address of the APS that is hosting the database server used by this UAS node.

Changing the audio management DB server IP address

At the Network Element Status panel of the Universal Audio Server Manager

- 1** Pull down the Component menu in the System Identification pane and from it select Configuration.
- 2** Click “Node” in the Network Element Tree panel.
The current configuration information for the node displays in the General tab window of the Component-specific panel.
- 3** Enter the new IP address in the Primary DBServer IP field.
- 4** Click Apply.
- 5** In the pull-down list in the box labeled, “Please select,” select Maintenance.
- 6** In the Maintenance Tree pane, select “Node”.
- 7** Click the node entry that displays in the table shown in the Node States pane.
- 8** Lock the node by clicking the “Lock Graceful” button located at the bottom of the Node States pane.
- 9** Restart the node by clicking the “Restart Application” button located at the bottom of the Node States pane.
- 10** Click OK in the Restart Application Warning window.
- 11** Click OK in the Warning window.
- 12** You have completed this procedure.

Changing ATM bearer interface settings

Use the change ATM bearer interface settings to link a local port ATM address to a particular ATM interface port. The current states of the ATM interface can be monitored and the administrative state of the card can be modified.

Changing ATM bearer interface settings

At the Network Element Status panel of the Universal Audio Server Manager

- 1 In the Network Elements pane, select the appropriate UAS node.
Information about the node displays in the System Identification pane.
- 2 In the pull-down list in the box labeled, "Please select," select ATM Bearer Interface
The UAS ATM Bearer Interfaces screen displays in the component-specific pane.
- 3 Determine the action to be performed for the Bearer Interface and then click the Bearer Interface to be changed in the UAS ATM Bearer Interfaces screen.

Note: To Link or Unlink an ATM Address, the Admin state must be set to Locked (Out of Service). The Bearer Interface must be Linked to an ATM address in order to set the Admin state to Unlocked (In service).

If	Do
you want to link an ATM address	step 4
you want to unlink an ATM address	step 7
you want to change the Admin state	step 9
you want to modify properties associated with an ATM bearer interface	step 11

- 4 Click the Link button.
The Specify ATM Interface Port Link window displays.
- 5 In the Specify ATM Interface Port Link window, pull down the menu for the local port ATM address and make a selection.
- 6 Click Save.
 - a Go to step [13](#).

- 7** Click the Unlink button.
The Confirm Unlink window displays.
- 8** Click Yes.
 - a** Go to step [13](#).
- 9** Click the Change State button.
The Confirm State Change window displays.
- 10** Click Yes.
 - a** Go to step [13](#).
- 11** Click the Properties button.
The ATM Interface Property Window displays.
- 12** Make any desired modifications in the ATM Interface Property Window and click Apply.
- 13** You have completed this procedure.

Changing ATM AAL2 PVC settings

Use the change ATM AAL2 PVC settings procedure to provide the UAS with a remote gateway's name and ATM address. If a call is present on an associated virtual circuit (VC), you will not be permitted to delete or modify the virtual circuit or remote gateway.

Changing ATM AAL2 PVC settings

At the Network Element Status panel of the Universal Audio Server Manager

- 1 In the Network Elements pane, select the appropriate UAS node.
Information about the node displays in the System Identification pane.
- 2 In the pull-down list in the box labeled, "Please select," select ATM AAL2 PVCs.
The ATM AAL2 PVC configuration screens display in the component-specific pane.
- 3 Determine the action to be performed on the remote gateway.

If	Do
you want to add a remote gateway	step 4
you want to delete a remote gateway	step 7
modify a remote gateway	step 10
view or modify remote gateway properties	step 14

- 4 Click the Add button, located in the Remote Gateways panel.
The ATM Bearer Connection Gateway Settings window displays.
- 5 In the ATM Bearer Connection Gateway Settings window, enter a Gateway Name and Gateway ATM Address for the new Gateway.
- 6 Click Save.
 - a Go to step [27](#).
- 7 Select a Remote Gateway.
- 8 Click the Delete button.
The Delete Gateway window displays.
- 9 Click OK.

- a** Go to step [27](#).
- 10** Select a Remote Gateway.
- 11** Click the Modify button.
The ATM Bearer Connection Gateway Settings window displays.
- 12** In the ATM Bearer Connection Gateway Settings window, modify the Gateway Name and/or Gateway ATM Address.
- 13** Click Save.
a Go to step [27](#).
- 14** Select a Remote Gateway.
- 15** Click the Properties button.
The ATM Bearer Connection Properties window displays.
- 16** Determine the action to be performed on the Bearer Connection.
- | If | Do |
|-------------------------|-------------------------|
| you want to add a VC | step 17 |
| you want to delete a VC | step 20 |
| modify a VC | step 23 |
- 17** Click the Add button.
The Specify ATM Bearer Connection Properties window displays.
- 18** In the ATM Bearer Connection Properties window, enter a VCCI, VPI, and VCI. Either pull down the Local Port ATM Address and make a selection or enter a valid Local Port ATM address. The AAL Type cannot be changed.
- 19** Click Save.
a Go to step [27](#).
- 20** Select a VC.
- 21** Click the Delete button.
- 22** Click the OK button in the Delete VC confirmation window.
a Go to step [27](#).
- 23** Select a VC.
- 24** Click Modify.
The ATM Bearer Connection Properties window displays.

- 25** In the ATM Bearer Connection Properties window, modify the VCCI, VPI, VCI. Either pull down the Local Port ATM Address and make a selection or enter a valid Local Port ATM address. The AAL Type cannot be changed.
- 26** Click Save.
- 27** You have completed this procedure.

Viewing ATM SVC settings

Use this procedure to view ATM SVC (Switched Virtual Connections) settings.

Viewing ATM SVC settings

At the Network Element Status panel of the Universal Audio Server Manager

- 1 In the Network Elements pane, select the appropriate UAS node.
Information about the node displays in the System Identification pane.
- 2 In the pull-down list in the box labeled, "Please select," select ATM SVCs.
The ATM SVCs configuration screen displays in the component-specific pane, showing ATM SVC by Port configuration information.
- 3 Determine whether you want to view information related to a selected port ATM address.

If	Do
you want to view information related to a selected port ATM address	step 4
you don't want to view information related to a selected port ATM address	step 5

- 4 Click the slot line in the display and then click Properties.
The Switched Virtual Connections by port screen displays.

In addition to the destination ATM address, the fields displayed include:

- Vpi - virtual path identifier
- Vci - virtual channel identifier
- AAL Type - ATM adaptation layer type
- Eecid - end-to-end connection identifier
- Vcci - virtual channel connection identifier
- Conn ids in Use - connection IDs in use
- Max Conn ids - maximum connection IDs

Click Close when you have finished reviewing the information in the screen.

If	Do
you want to view ATM SVC by destination information	step 5
you don't want to view ATM SVC by destination information	step 8

- 5** Select the “ATM SVC by destination” tab.

The addresses of UAS ATM nodes, established at the ATM destination gateways, appear in the “ATM SVC by destination” tab display.

- 6** Determine whether you want to view information related to a selected destination ATM address.

If	Do
you want to view information related to a selected destination ATM address	step 7
you don't want to view information related to a selected destination ATM address	step 10

- 7** Click the destination address in the display and then click Properties.

The Switch Virtual Connections by destination screen displays.

In addition to the slot and port numbers, the fields displayed include:

- Vpi - virtual path identifier
- Vci - virtual channel identifier
- AAL Type - ATM adaptation layer type
- Eecid - end-to-end connection identifier
- Vcci - virtual channel connection identifier

Click Close when you have finished reviewing the information in the screen.

8 Determine whether you want to view an ATM AAL2 SVC profile.

If	Do
you want to view an ATM AAL2 SVC profile	step 9
you don't want to view an ATM AAL2 SVC profile	step 10

9 Select the "ATM AAL2 SVC Profile" tab.

The SVC profile appears in the "ATM AAL2 SVC Profile" tab display.

a Determine whether you want to modify an ATM AAL2 SVC profile.

If	Do
you want to modify an ATM AAL2 SVC profile	step b
you don't want to modify an ATM AAL2 SVC profile	step 10

b Click a profile line in the display and then click Modify.

The Change Atm SVC Profile window displays.

c For detailed information about the fields in this display, see the latest version of the document entitled, "ATM Forum - Traffic Management Specification." The identification number for version 4 of this document is af-tm-0056.000. The following fields in the display can be changed:

- Number of CIDS - the number of calls supported on each new SVC (1-247; default is 4)
- Persistence Lifetime - the number of seconds an idle AAL2 SVC is kept prior to being released. An idle AAL2

SVC has no active calls on it. (0-600 seconds; default is 180 seconds)

Make the changes and, if you wish to save the changes, click Save.

- 10** You have completed this procedure.

Configuring the SNMP trap destination

Use this procedure to add, modify, or delete an SNMP trap destination for this UAS node.

Configuring the SNMP trap destination

At the Network Element Status panel of the Universal Audio Server Manager

1 In the Network Elements pane, select the appropriate UAS node.
Information about the node displays in the System Identification pane.

2 In the pull-down list in the box labeled, "Please select," select SNMP Configuration

The existing SNMP trap destinations display in the Trap Destinations pane.

3 Determine the action to be performed.

If	Do
you want to add an SNMP trap destination	step 4
you want to modify an SNMP trap destination	step 5
you want to delete an SNMP trap destination	step 6

4 Click Add.

The Trap Destination window displays.

a Enter an IP address, port number, security name, and trap version, and select the types of supported traps to be sent to this destination.

If	Do
you want to save the new trap destination information	step b
you want to cancel the new trap destination information	step c

b Click Save. Go to step [7](#).

c Click Cancel. Go to step [7](#).

5 Select an SNMP destination to modify.

- a Click Modify.

The Trap Destination window displays.

- b Enter, as desired, new information in the IP address, port number, security name, and trap version fields, and change any types of supported traps to be sent to this destination.

If	Do
you want to save the new trap destination information	step c
you want to cancel the new trap destination information	step d

- c Click Save. Go to step [7](#).

- d Click Cancel. Go to step [7](#).

- 6 Select an SNMP destination to delete.

- a Click Delete.

The Confirm Delete window displays.

If	Do
you want to save the new trap destination information	step b
you want to cancel the new trap destination information	step c

- b Click Yes. Go to step [7](#).

- c Click No.

- 7 You have completed this procedure.

Modifying configuration parameters through the Universal Audio Server Manager

This procedure enables you to modify configuration parameters stored in C:\uas\etc\uas.conf, through the Universal Audio Server Manager. This procedure enables you to change general configuration parameters, including those for SNMP management. It does not contain the steps for changing CG6000C or AG4000 card configuration parameters. Procedures for changing CG6000C or AG4000 card configuration parameters after adding or removing the cards from the UAS system chassis can be found in the document, NN10073-911, entitled “UAS Fault Management,” in your UAS document suite.

Modifying configuration parameters through the Universal Audio Server Manager

At the Network Element Status panel of the Universal Audio Server Manager

- 1 In the Network Elements pane, select the appropriate UAS node.
Information about the node displays in the System Identification pane.
- 2 In the pull-down list in the box labeled, “Please select,” select Maintenance.
- 3 In the Maintenance Tree pane, select “Node”.
- 4 Click the node entry that displays in the table shown in the Node States pane.
- 5 Select the entry for the node in the Node States window and then lock the node by clicking the “Lock Graceful” button located at the bottom of the Node States pane.
- 6 In the pull-down list in the box labeled, “Please select,” select Configuration.
- 7 In the Network Element Tree pane, select “Node”.
- 8 Determine the bearer fabric type of your system, either IP or ATM.

If	Do
IP is the bearer fabric type of your system	step 18
ATM is the bearer fabric type of your system	step 9

- 9 Determine whether the fabric type of your system is ATM-AAL1 or ATM-AAL2.

If	Do
your UAS bearer fabric type is ATM-AAL1	step 10
your UAS bearer fabric type is ATM-AAL2	step 14

- 10 In the Bearer Type ATM-AAL1 configuration screen, three tabs display in the “Details of selected tree node” window. Each tab selects a separate screen used for data filling.

Note: In each of the screens that display when you manipulate the ATM fabric version of the LCI GUI in the following steps, fields containing default data that cannot be changed appear in the color grey. When data is entered in an incorrect format in certain of these fields, the field label changes to a red color. When the data is then corrected in the field, the field label changes back to black. None of the screen changes can be applied and saved until all fields in all of the screens associated with the bearer fabric contain correct information.

In the General tab screen, verify and/or enter information for the following fields:

- **Atm Companding Mode**

This is the companding mode, either A-Law or Mu-Law.

- **Optical Carrier Mode**

This field allows selection of the appropriate optical carrier standard for your ATM card, either SONET (a North American standard for optical carriers) or SDH (a European standard for optical carriers). The default for AAL1 systems is SONET.

- **NTP Server IP**

This is the IP address of the Network Time Protocol server on your network. The NTP server is used for synchronizing logs and alarms on the UAS.

Note: The Windows time service queries the NTP server for time synchronization once every 24 hours. Therefore, a

system time correction will occur only after the next time synchronization.

- **Backup Storage IP**

This is the IP address of the database that will contain backup copies of the UAS configuration files. Datafilling this field is optional.

- **End Points**

This field shows the current number of end points configured. If a system configuration change causes the number of end points to change, the number of end points displayed in this field does not reflect the change until after a system restart. This is a read-only field.

11 Select the “Call Agent” tab.

The Call Agent tab screen displays in the “Details of selected tree node” window.

12 In the Call Agent tab screen, verify and/or enter information for the following fields:

- **Primary Call Agent Name**

This is the computer name associated with the remote node that is hosting the Primary Call Agent application.

- **Primary Call Agent IP Address**

This is the IP address associated with the remote node that is hosting the Primary Call Agent application.

- **Primary Call Agent Port**

This is the port of the Call Agent application (default is 2944).

- **UAS Call Control Port**

This is the port associated with receiving the call control message stream (default is 2944).

13 Go to step [23](#).

- 14** In the Bearer Type ATM-AAL2 configuration screen, three tabs display in the “Details of selected tree node” window. Each tab selects a separate screen used for data filling.

Note: In each of the screens that display when you manipulate the ATM fabric version of the LCI GUI in the following steps, fields containing default data that cannot be changed appear in the color grey. When data is entered in an incorrect format in certain of these fields, the field label changes to a red color. When the data is then corrected in the field, the field label changes back to black. None of the screen changes can be applied and saved until all fields in all of the screens associated with the bearer fabric contain correct information.

In the General tab screen, verify and/or enter information for the following fields:

- **Atm Companding Mode**

This is the companding mode, either A-Law or Mu-Law.

- **Optical Carrier Mode**

This field allows selection of the appropriate optical carrier standard for your ATM card, either SONET (a North American standard for optical carriers) or SDH (a European standard for optical carriers). The default for AAL2 systems (including wireless systems) is SDH; if a North American AAL2 system is being configured, this field must be changed to SONET.

- **Gateway Control Protocol**

This is the control protocol for the UAS, either H.248 or MGCP.

- **IVR Support**

This indicates whether IVR support is enabled on this system.

- **NTP Server IP**

This is the IP address of the Network Time Protocol server on your network. The NTP server is used for synchronizing logs and alarms on the UAS.

Note: The Windows time service queries the NTP server for time synchronization once every 24 hours. Therefore, a

system time correction will occur only after the next time synchronization.

- **Primary DBServer Host**

This is the hostname associated with the APS that is hosting the database server used by this UAS node. If the system does not support its own APS, accept the default settings.

- **Primary DBServer IP**

This is the IP address of the APS that is hosting the database server used by this UAS node.

- **Backup Storage IP**

This is the IP address of the database that will contain backup copies of the UAS configuration files. Datafilling this field is optional.

- **Audio Synch on Restart**

For audio server applications of the UAS, this entry determines whether you want audio distribution refresh upon node startup, in addition to the regularly-scheduled, hourly audio distribution. The pull-down menu allows you to select either Enabled or Disabled.

- **End Points**

This field shows the current number of end points configured. If a system configuration change causes the number of end points to change, the number of end points displayed in this field does not reflect the change until after a system restart. This is a read-only field.

15 Select the “Call Agent” tab.

The Call Agent tab screen displays in the “Details of selected tree node” window.

- 16** In the Call Agent tab screen, verify and/or enter information for the following fields:
- **Primary Call Agent Name**
This is the computer name associated with the remote node that is hosting the Primary Call Agent application.
 - **Primary Call Agent IP Address**
This is the IP address associated with the remote node that is hosting the Primary Call Agent application.
 - **Primary Call Agent Port**
This is the port of the Call Agent application (default is 2944).
 - **UAS Call Control Port**
This is the port associated with receiving the call control message stream.
 - **Legacy Announcements**
This indicates that the UAS is used in a CS2K network, in a multilingual environment. The pull-down menu allows you to select either Enabled or Disabled.

Note: If Legacy Announcements is Enabled, then both a Primary Language and Secondary Language must also be entered. If the Legacy Announcements is Disabled, then both the Primary Language and the Secondary Language fields are Disabled.
 - **Primary Language**
This is the primary language associated with the node.

Note: A Primary Language is required only if the Legacy Announcements field is Enabled. If Legacy Announcements is Disabled, then the Primary Language field will also be Disabled.
 - **Secondary Language**
This is the secondary language associated with the node.

Note: A Secondary Language is required only if the Legacy Announcements field is Enabled. If Legacy Announcements is Disabled, then the Secondary Language field will also be Disabled.

- 17 Go to step [23](#).
- 18 In the Bearer Type IP configuration screen that displays, four tabs display in the “Details of selected tree node” window. Each tab selects a separate screen used for data filling.

Note 1: Fields containing default data that cannot be changed appear in the color grey.

Note 2: When data is entered in an incorrect format in certain of these fields, the field label changes to a red color. When the data is then corrected in the field, the field label changes back to black. None of the screen changes can be applied and saved until all entry errors in the screen are corrected.

In the General tab screen, verify and/or enter information for the following fields:

- **Gateway Control Protocol**

This is the control protocol for the UAS, either H.248 or MGCP.

Note: Ensure that the Gateway Control Protocol is set to H.248.

- **IVR Support**

This field determines whether IVR support is enabled in this system.

- **Conferencing State:**

This field determines whether Conferencing is enabled in this node.

Note: If Conferencing State is Disabled, then the Conference Spanning field is also Disabled.

- **Conference Spanning**

This field determines whether Conference Spanning is supported by the node. Conference Spanning allows conferences with up to 128 participants.

Note: If “Conferencing State” is Disabled, then the Conference Spanning field is also Disabled.

- **Conference Expansion Ports**

This field indicates the number of reserved conference ports that can be used to grow existing conferences, but that cannot be used in reservations for new conferences. This prevents existing conferences from running out of resources. Once a port from this buffer is used, it is restored to the pool of resources after any member of the conference in the pool drops out of the conference.

When you increase this number, fewer ports are available for general use. For example, if you reserve four ports, a 32-port pool will have only 28 ports available for new conferences. If you decrease this number, fewer ports are available to grow existing conferences when the pool is full.

- **NTP Server IP**

This is the IP address of the Network Time Protocol server on your network. The NTP server is used for synchronizing logs and alarms on the UAS.

Note: The Windows time service queries the NTP server for time synchronization once every 24 hours. Therefore, a

system time correction will occur only after the next time synchronization.

- **Primary DBServer Host**

This is the hostname associated with the APS that is hosting the database server used by this UAS node. If the system does not support its own APS, accept the default settings.

- **Primary DBServer IP**

This is the IP address of the APS that is hosting the database server used by this UAS node.

- **Backup Storage IP**

This is the IP address of the database that will contain backup copies of the UAS configuration files. Datafilling this field is optional.

- **Audio Synch on Restart**

For audio server applications of the UAS, this entry determines whether you want audio distribution refresh upon node startup, in addition to the regularly-scheduled, hourly audio distribution. The pull-down menu allows you to select either Enabled or Disabled.

- **Tone set**

This is the default tone set provided for the country that you select from the pull-down menu associated with this field.

- **End Points**

This field shows the current number of end points configured. If a system configuration change causes the number of end points to change, the number of end points displayed in this field does not reflect the change until after a system restart. This is a read-only field.

19 Select the “Bearer” tab.

The Bearer tab screen displays in the “Details of selected tree node” window.

- 20** In the Bearer tab screen, verify and/or enter information for the following fields:
- **Rtp Base Port**

This is the first port number used for real-time protocol streams on VoIP cards.

Note: This must be an even number. In addition, commas must not be entered in the number.
 - **Annc Circuits per Card**

This is the number of circuits available for announcements on each bearer card in the system. This number is taken from the engineering data for the system. If IVR is enabled, this number should be greater than zero. The allowable values are one through the value of Max. Annc Circuits per Card.
 - **Conference Circuits per Card**

This is the number of circuits available for conferencing on each bearer card in the system. This number is taken from the engineering data for the system. If conferencing is enabled, this number should be greater than zero. The allowable values are one through the value of Max. Conf. Circuits per Card.
 - **Max. Annc Circuits per Card**

This is the maximum value for Annc Circuits per Card, for the network element. This number can vary depending on the software release of the network element and also depending on whether the network element is configured for IP or for ATM. The element manager uses this value to perform error checking on the user's input for Annc Circuits per Card.
 - **Max. Conf. Circuits per Card**

This is the maximum value for Conference Circuits per Card for the network element. This number can vary depending on the software release of the network element. The element manager uses this value to perform error checking on the user's input for Conference Circuits per Card.
 - **Transmit Gain**

This is the strength of a signal going out from the vocoder of an rtp endpoint as compared with the strength of a signal

going into the vocoder. Transmit Gain does not apply to conferencing service.

- **Receive Gain**

This is the strength of a signal coming into an rtp endpoint from the decoder as compared with the strength of a signal coming into the decoder.

- **Default TOS**

This field determines the Type of Service bit usage for this UAS, 0-255. The default is 0, which indicates “normal” delay, throughput, and reliability, with “routine” precedence.

- **RFC2833 DTMF**

This field indicates how the UAS will determine whether RFC2833 is enabled for each RTP connection. RFC2833 defines a method for passing DTMF digits “out-of-band” in special RTP packets, in order to provide more reliable DTMF

recognition than is possible with low-bandwidth codecs. The possible selections include:

- *AlwaysOff* (RFC2833 support is always disabled, regardless of call control)
- *Negotiated* (RFC2833 support is enabled per call control messaging, that is, SDP and/or LCO negotiation)

Note: The setting should be AlwaysOff when announcements or conferencing are supported.

- **RFC2833 DTMF Squelch**

Not applicable

- **G729B**

This field indicates G.729B audio codec support.

- **Clock Sync Mode**

Not applicable

- **Primary Clock Source**

Not applicable

- **Secondary Clock Source**

Not applicable

- **Clock Source Carrier Type**

Not applicable

- **Current Clock Source Type**

Not applicable

- **Current Clock Source**

Not applicable

- **Supported Codec**

These check boxes determine which codecs, G711, G723, G726, G729, and T.38 are supported. The following

guidelines should be followed when you are selecting the codecs:

- *T.38 is selectable only when at least one CG6000 card with BCT capability is installed in the system.*
- *In an all-BCT system, all voice codecs should be disabled.*
- *In a non-BCT system, up to a maximum of four voice codecs can be selected; the T.38 codec cannot be selected.*
- *In a mixed system (BCT + IVR, BCT + Conf, BCT + IVR + Conf), up to a maximum of four of the codecs can be selected; one of the four codecs selected must be a voice codec.*
- *In a non-BCT system supporting only conferencing service, G.729 must not be selected.*
- *It is recommended that you select G.711 for systems supporting conferencing service, to avoid any possible deterioration of voice quality.*

21 Select the “Call Agent” tab.

The Call Agent tab screen displays in the “Details of selected tree node” window.

- 22** In the Call Agent tab screen, verify and/or enter information for the following fields:
- **Primary Call Agent Name**
This is the computer name associated with the remote node that is hosting the Primary Call Agent application.
 - **Primary Call Agent IP Address**
This is the IP address associated with the remote node that is hosting the Primary Call Agent application.
 - **Primary Call Agent Port**
This is the port of the Call Agent application (default is 2944).
 - **UAS Call Control Port**
This is the port associated with receiving the call control message stream (default is 2944).
 - **Legacy Announcements**
This indicates that the UAS is used in a CS2K network, in a multilingual environment. The pull-down menu allows you to select either Enabled or Disabled.

Note 1: If Legacy Announcements is Enabled, then both a Primary Language and Secondary Language must also be entered. If the Legacy Announcements is Disabled, then both the Primary Language and the Secondary Language fields are Disabled.

Note 2: Features that require Language Variables, Time, Date, etc. (for example ACRJ and SCRJ) require Legacy Announcements set to ENABLE.
 - **Primary Language**
This is the primary language associated with the node.

Note: A Primary Language is required only if the Legacy Announcements field is Enabled. If Legacy Announcements is Disabled, then the Primary Language field will also be Disabled.
 - **Secondary Language**
This is the secondary language associated with the node.

Note: A Secondary Language is required only if the Legacy Announcements field is Enabled. If Legacy Announcements is Disabled, then the Secondary Language field will also be Disabled.

- 23** Select the “Log Levels” tab.
The Log Levels tab screen displays in the “Details of selected tree node” window.
- 24** In the Log Levels tab screen, verify and/or enter information for the following fields:
- **System Log Level**
System logs are information, warning, or error events. This field specifies that the Main Subagent is to send either all logs for that source, only warning and error logs for that source, only error logs for that source, or no logs for that source to the element management station.
 - **UAS Log Level**
Audio Server logs include information, warning, or error events. This field specifies that the Main Subagent is to send either all logs for that source, only warning and error logs for that source, only error logs for that source, or no logs for that source to the element management station.
 - **Application Log Level**
Application logs include information, warning, or error events. This field specifies that the Main Subagent is to send either all logs for that source, only warning and error logs for that source, only error logs for that source, or no logs for that source to the element management station.
 - **Security Log Level**
Logs are either audit-succeed or audit-fail. This field specifies that the Main Subagent is to send either all security logs, only audit-fail logs, or no logs for that source to the element management station.
- 25** Determine whether you want to save the information that you have entered.

If	Do
you want to save the information	step 26
you do not want to save the information	step 29

- 26** Click Apply.
- 27** Pull down the menu under File (located at the top left-hand corner of the Local Configuration Interface GUI screen) and select "Save". Click OK when the confirmation screen displays.
- 28** Go to step [30](#).
- 29** Click Cancel.
The entries in the screen fields revert to the default values.
- 30** In the pull-down list in the box labeled, "Please select," select Maintenance.
- 31** In the Maintenance Tree pane, select "Node".
- 32** Click the node entry that displays in the table shown in the Node States pane.
- 33** Restart the node by clicking the "Restart Application" button located at the bottom of the Node States pane.
- 34** Click OK in the Restart Application Warning window.
- 35** Click OK in the Warning window.
- 36** You have completed this procedure.

Modifying configuration parameters through the LCI GUI

Although the recommended tool to be used for modifying configuration parameters after a system is commissioned is the Universal Audio Server Manager, the following conditions require that you use the Local Configuration Interface (LCI) GUI instead:

- The Universal Audio Server Manager is down due to a hardware or network problem.
- The UAS call processing application is not running. The SNMP subagent that cooperates with the Universal Audio Server Manager runs inside the call processing application. The call processing application must be running to change the configuration through the Universal Audio Server Manager.

The LCI GUI enables you to change configuration parameters stored in C:\uas\etc\uas.conf. This procedure enables you to change general configuration parameters, including those for SNMP management. It does not contain the steps for changing CG6000C or AG4000 card configuration parameters. Procedures for changing CG6000C or AG4000 card configuration parameters after adding or removing the cards can be found in the document, NN10073-911, entitled “UAS Fault Management,” in your UAS document suite.

Modifying configuration parameters through the Local Configuration Interface GUI



CAUTION

Do not run the Local Configuration Interface GUI if the UAS application is running. Ensure that the UAS unit is out of service and that all UAS applications have stopped.

At the Windows desktop interface

- 1** Ensure that the UAS is out of service.
- 2** Stop any applications that may be running.
 - a** Access the “Services” window as follows:
select Start -> Programs -> Administrative Tools -> Services

- b** Right-click PMGRdaemon service and select Stop. Wait for notification that the applications have stopped.

Note: You may wish to leave the “Services” window open, for use later in this procedure.

- 3** Determine the bearer fabric type of your system, either IP or ATM.

If	Do
IP is the bearer fabric type of your system	step 15
ATM is the bearer fabric type of your system	step 4

- 4** Launch the Local Configuration Interface GUI by performing the following steps:

- a** open a command window by selecting **Start -> Run**
b type lci in the window that displays

Note: The first letter in the lci command is an “l”, as in “local.”

- c** click OK or press Enter

The main Local Configuration Interface GUI screen displays.

- d** select the “node” folder in the Network Element Tree pane.

- 5** If you are changing the Adaptation Layer type of your ATM bearer fabric type system, pull down the Adaptation Layer menu and select the appropriate bearer fabric type.

When you select ATM-AAL1, the system checks to ensure that IVR is disabled and BCT is enabled, as required, for the ATM-AAL1 system. If the system detects that IVR is enabled or BCT is disabled, it will react in the following manner:

- A pop-up window explaining that the configuration is not consistent with ATM displays. The system will ask you whether you want to update; click OK in the message pop-up.
- Another pop-up message window that indicates the configuration has been updated will then display; click OK in the message pop-up.
- The bearer type ATM-AAL1 configuration screen displays.

When you select ATM-AAL2, the bearer type ATM-AAL2 configuration screen displays.

- 6 Determine whether the fabric type of your system is ATM-AAL1 or ATM-AAL2.

If	Do
your UAS bearer fabric type is ATM-AAL1	step 7
your UAS bearer fabric type is ATM-AAL2	step 11

- 7 In the Bearer Type ATM-AAL1 configuration screen, three tabs display in the “Details of selected tree node” window. Each tab selects a separate screen used for data filling.

In the General tab screen, verify and/or enter information for the following fields:

Note: In each of the screens that display when you manipulate the ATM fabric version of the LCI GUI in the following steps, fields containing default data that cannot be changed appear in the color grey. In addition, when data is entered in an incorrect format in certain of these fields, the field label changes to a red color. When the data is then corrected in the field, the field label changes back to black. None of the screen changes can be validated and saved until all fields in all of the screens associated with the bearer fabric contain correct information.

- **Atm Companding Mode**
This is the companding mode, either A-Law or Mu-Law.
- **Optical Carrier Mode**
This field allows selection of the appropriate optical carrier standard for your ATM card, either SONET (a North American standard for optical carriers) or SDH (a European standard for optical carriers). The default for AAL1 systems is SONET.
- **NTP Server IP**
This is the IP address of the Network Time Protocol server on your network. The NTP server is used for synchronizing logs and alarms on the UAS.

Note: The Windows time service queries the NTP server for time synchronization once every 24 hours. Therefore, a

system time correction will occur only after the next time synchronization.

- Backup Storage IP

This is the IP address of the database that will contain backup copies of the UAS configuration files. Datafilling this field is optional.

- ATM CTone Support

This field, which must be datafilled when ATM BCT Support is ENABLED (ATM BCT Support is always ENABLED for an AAL1 system), determines how the audio endpoints for the ATM card are defined. The possible responses are: ENABLED or DISABLED.

8 Select the “Call Agent” tab.

The Call Agent tab screen displays in the “Details of selected tree node” window.

9 In the Call Agent tab screen, verify and/or enter information for the following fields:

- Primary Call Agent Name

This is the computer name associated with the remote node that is hosting the Primary Call Agent application.

- Primary Call Agent IP Address

This is the IP address associated with the remote node that is hosting the Primary Call Agent application.

- Primary Call Agent Port

This is the port of the Call Agent application (default is 2944).

- UAS Call Control Port

This is the port associated with receiving the call control message stream (default is 2944).

10 Go to step [21](#).

11 In the Bearer Type ATM-AAL2 configuration screen, three tabs display in the “Details of selected tree node” window. Each tab selects a separate screen used for data filling.

Note: In each of the screens that display when you manipulate the ATM fabric version of the LCI GUI in the following steps, fields containing default data that cannot be changed appear in the color grey. In addition, when data is entered in an incorrect format in certain of these fields, the field label changes to a red color. When the data is then

corrected in the field, the field label changes back to black. None of the screen changes can be validated and saved until all fields in all of the screens associated with the bearer fabric contain correct information.

In the General tab screen, verify and/or enter information for the following fields:

- **Atm Companding Mode**
This is the companding mode, either A-Law or Mu-Law.
- **Optical Carrier Mode**
This field allows selection of the appropriate optical carrier standard for your ATM card, either SONET (a North American standard for optical carriers) or SDH (a European standard for optical carriers). The default for AAL2 systems (including wireless systems) is SDH; if a North American AAL2 system is being configured, this field must be changed to SONET.
- **Gateway Control Protocol**
This is the control protocol for the UAS, either H.248 or MGCP.
- **IVR Support**
This indicates whether IVR support is enabled on this system.
- **NTP Server IP**
This is the IP address of the Network Time Protocol server on your network. The NTP server is used for synchronizing logs and alarms on the UAS.
Note: The Windows time service queries the NTP server for time synchronization once every 24 hours. Therefore, a system time correction will occur only after the next time synchronization.
- **Primary DBServer Host**
This is the hostname associated with the APS that is hosting the database server used by this UAS node. If the system

does not support its own APS, when IVR Support is enabled, an entry must still be made in this field.

- Primary DBServer IP

This is the IP address of the APS that is hosting the database server used by this UAS node.

- Backup Storage IP

This is the IP address of the database that will contain backup copies of the UAS configuration files. Datafilling this field is optional.

- Audio Synch on Restart

For audio server applications of the UAS, this entry determines whether you want audio distribution refresh upon node startup, in addition to the regularly-scheduled, hourly audio distribution. The pull-down menu allows you to select either Enabled or Disabled.

- ATM BCT Support

This indicates whether Bearer Channel Tandeming is supported on this system

- ATM CTone Support

This field, which must be datafilled when ATM BCT Support is ENABLED, determines how the audio endpoints for the ATM card are defined. The possible responses are: ENABLED or DISABLED.

12 Select the “Call Agent” tab.

The Call Agent tab screen displays in the “Details of selected tree node” window.

- 13** In the Call Agent tab screen, verify and/or enter information for the following fields:
- **Primary Call Agent Name**
This is the computer name associated with the remote node that is hosting the Primary Call Agent application.
 - **Primary Call Agent IP Address**
This is the IP address associated with the remote node that is hosting the Primary Call Agent application.
 - **Primary Call Agent Port**
This is the port of the Call Agent application (default is 2944).
 - **UAS Call Control Port**
This is the port associated with receiving the call control message stream.
 - **Legacy Announcements**
This indicates that the UAS is used in a CS2K network, in a multilingual environment. The pull-down menu allows you to select either Enabled or Disabled.

Note: If Legacy Announcements is Enabled, then both a Primary Language and Secondary Language must also be entered. If the Legacy Announcements is Disabled, then both the Primary Language and the Secondary Language fields are Disabled.
 - **Primary Language**
This is the primary language associated with the node.

Note: A Primary Language is required only if the Legacy Announcements field is Enabled. If Legacy Announcements is Disabled, then the Primary Language field will also be Disabled.
 - **Secondary Language**
This is the secondary language associated with the node.

Note: A Secondary Language is required only if the Legacy Announcements field is Enabled. If Legacy Announcements is Disabled, then the Secondary Language field will also be Disabled.
- 14** Go to step [21](#).
- 15** Launch the Local Configuration Interface GUI by performing the following steps:

- a open a command window by selecting **Start -> Run**
- b type lci in the window that displays

Note: The first letter in the lci command is an “l”, as in “local.”

- c click OK or press Enter

The main Local Configuration Interface GUI screen displays.

- d select the “node” folder in the Network Element Tree pane.

In the Bearer Type IP Local Configuration Interface GUI screen that displays, four tabs display in the “Details of selected tree node” window. Each tab selects a separate screen used for data filling.

Note: In each of the screens that display when you manipulate the IP fabric version of the LCI GUI in the following steps, fields containing default data that cannot be changed appear in the color grey. In addition, when data is entered in an incorrect format in certain of these fields, the field label changes to a red color. When the data is then corrected in the field, the field label changes back to black. None of the screen changes can be validated and saved until all entries in all screens associated with the bearer fabric contain correct information.

- 16** In the General tab screen, verify and/or enter information for the following fields:
- Gateway Control Protocol
This is the control protocol for the UAS, either H.248 or MGCP.
Note: Ensure that the Gateway Control Protocol is set to H.248.
 - IVR Support
This field determines whether IVR support is enabled in this system.
 - Conferencing State:
This field determines whether Conferencing is enabled in this node.
Note: If Conferencing State is Disabled, then the Conference Spanning field is also Disabled.
 - Conference Spanning
This field determines whether Conference Spanning is supported by the node. Conference Spanning allows conferences with up to 128 participants.
Note: If “Conferencing State” is Disabled, then the Conference Spanning field is also Disabled.
 - Conference Expansion Ports
This field indicates the number of reserved conference ports that can be used to grow existing conferences, but that cannot be used in reservations for new conferences. This prevents existing conferences from running out of resources. Once a port from this buffer is used, it is restored to the pool of resources after any member of the conference in the pool drops out of the conference.

When you increase this number, fewer ports are available for general use. For example, if you reserve four ports, a 32-port pool will have only 28 ports available for new conferences. If

you decrease this number, fewer ports are available to grow existing conferences when the pool is full.

- NTP Server IP

This is the IP address of the Network Time Protocol server on your network. The NTP server is used for synchronizing logs and alarms on the UAS.

Note: The Windows time service queries the NTP server for time synchronization once every 24 hours. Therefore, a system time correction will occur only after the next time synchronization.

- Primary DBServer Host

This is the hostname associated with the APS that is hosting the database server used by this UAS node. If the system does not support its own APS, accept the default settings.

- Primary DBServer IP

This is the IP address of the APS that is hosting the database server used by this UAS node.

- Backup Storage IP

This is the IP address of the database that will contain backup copies of the UAS configuration files. Datafilling this field is optional.

- Audio Synch on Restart

For audio server applications of the UAS, this entry determines whether you want audio distribution refresh upon node startup, in addition to the regularly-scheduled, hourly audio distribution. The pull-down menu allows you to select either Enabled or Disabled.

- Tone set

This is the default tone set provided for the country that you select from the pull-down menu associated with this field.

17 Select the “Bearer” tab.

The Bearer tab screen displays in the “Details of selected tree node” window.

- 18** In the Bearer tab screen, verify and/or enter information for the following fields:
- Rtp Base Port
This is the first port number used for real-time protocol streams on VoIP cards.
Note: This must be an even number. In addition, commas must not be entered in the number.
 - Annc Circuits per Card
This is the number of circuits available for announcements on each bearer card in the system. This number is taken from the engineering data for the system. If IVR is enabled, this number should be greater than zero. The allowable values are one through the value of Max. Annc Circuits per Card.
 - Conference Circuits per Card
This is the number of circuits available for conferencing on each bearer card in the system. This number is taken from the engineering data for the system. If conferencing is enabled, this number should be greater than zero. The allowable values are one through the value of Max. Conf. Circuits per Card.
 - Max. Annc Circuits per Card
This is the maximum value for Annc Circuits per Card, for the network element. This number can vary depending on the software release of the network element and also depending on whether the network element is configured for IP or for ATM. The element manager uses this value to perform error checking on the user's input for Annc Circuits per Card.
 - Max. Conf. Circuits per Card
This is the maximum value for Conference Circuits per Card for the network element. This number can vary depending on the software release of the network element. The element manager uses this value to perform error checking on the user's input for Conference Circuits per Card.
 - Transmit Gain
This is the strength of a signal going out from the vocoder of an rtp endpoint as compared with the strength of a signal

going into the vocoder. Transmit Gain does not apply to conferencing service.

- Receive Gain

This is the strength of a signal coming into an rtp endpoint from the decoder as compared with the strength of a signal coming into the decoder.

- Default TOS

This field determines the Type of Service bit usage for this UAS, 0-255. The default is 0, which indicates “normal” delay, throughput, and reliability, with “routine” precedence.

- RFC2833 DTMF

This field indicates how the UAS will determine whether RFC2833 is enabled for each RTP connection. RFC2833 defines a method for passing DTMF digits “out-of-band” in special RTP packets, in order to provide more reliable DTMF

recognition than is possible with low-bandwidth codecs. The possible selections include:

- AlwaysOff (RFC2833 support is always disabled, regardless of call control)
- Negotiated (RFC2833 support is enabled per call control messaging, that is, SDP and/or LCO negotiation)

Note: The setting should be AlwaysOff when announcements or conferencing are supported.

- RFC2833 DTMF Squelch

Not applicable

- G729B

This field indicates G.729B audio codec support.

- Clock Sync Mode

Not applicable

- Primary Clock Source

Not applicable

- Secondary Clock Source

Not applicable

- Clock Source Carrier Type

Not applicable

- Supported Codec

These check boxes determine which codecs, G711, G723, G726, G729, and T.38 are supported. The following guidelines should be followed when you are selecting the codecs:

- T.38 is selectable only when at least one CG6000 card with BCT capability is installed in the system.
- In an all-BCT system, all voice codecs should be disabled.
- In a non-BCT system, up to a maximum of four voice codecs can be selected; the T.38 codec cannot be selected.
- In a mixed system (BCT + IVR, BCT + Conf, BCT + IVR + Conf), up to a maximum of four of the codecs can be

selected; one of the four codecs selected must be a voice codec.

- In a non-BCT system supporting only conferencing service, G.729 must not be selected.
- It is recommended that you select G.711 for systems supporting conferencing service, to avoid any possible deterioration of voice quality.

19 Select the “Call Agent” tab.

The Call Agent tab screen displays in the “Details of selected tree node” window.

20 In the Call Agent tab screen, verify and/or enter information for the following fields:

- Primary Call Agent Name
This is the computer name associated with the remote node that is hosting the Primary Call Agent application.
- Primary Call Agent IP Address
This is the IP address associated with the remote node that is hosting the Primary Call Agent application.
- Primary Call Agent Port
This is the port of the Call Agent application (default is 2944).
- UAS Call Control Port
This is the port associated with receiving the call control message stream (default is 2944).
- Legacy Announcements
This indicates that the UAS is used in a CS2K network, in a multilingual environment. The pull-down menu allows you to select either Enabled or Disabled.
Note: If Legacy Announcements is Enabled, then both a Primary Language and Secondary Language must also be entered. If the Legacy Announcements is Disabled, then both the Primary Language and the Secondary Language fields are Disabled.
- Primary Language
This is the primary language associated with the node.
Note: A Primary Language is required only if the Legacy Announcements field is Enabled. If Legacy

Announcements is Disabled, then the Primary Language field will also be Disabled.

- Secondary Language

This is the secondary language associated with the node.

Note: A Secondary Language is required only if the Legacy Announcements field is Enabled. If Legacy Announcements is Disabled, then the Secondary Language field will also be Disabled.

- 21** Select the “Log Levels” tab.

The Log Levels tab screen displays in the “Details of selected tree node” window.

- 22** In the Log Levels tab screen, verify and/or enter information for the following fields:

- System Log Level

System logs are information, warning, or error events. This field specifies that the Main Subagent is to send either all logs for that source, only warning and error logs for that source, only error logs for that source, or no logs for that source to the element management station.

- UAS Log Level

Audio Server logs include information, warning, or error events. This field specifies that the Main Subagent is to send either all logs for that source, only warning and error logs for that source, only error logs for that source, or no logs for that source to the element management station.

- Application Log Level

Application logs include information, warning, or error events. This field specifies that the Main Subagent is to send either all logs for that source, only warning and error logs for that source, only error logs for that source, or no logs for that source to the element management station.

- Security Log Level

Logs are either audit-succeed or audit-fail. This field specifies that the Main Subagent is to send either all security

logs, only audit-fail logs, or no logs for that source to the element management station.

- 23** Determine whether you want to save the information that you have entered.

If	Do
you want to save the information	step 24
you do not want to save the information	step 27

- 24** Click Validate.

- 25** Pull down the menu under File (located at the top left-hand corner of the Local Configuration Interface GUI screen) and select "Save". Click OK when the confirmation screen displays.

- 26** Go to step [28](#).

- 27** Click Cancel.

- 28** Determine whether SNMP management configuration parameters need to be changed.

If	Do
SNMP management configuration parameters need to be changed	step 29
SNMP management configuration parameters do not need to be changed	step 30

- 29** Click the "Reconfigure SNMP" button, located at the bottom of the Local Configuration Interface GUI screen.

The Local Configuration Interface GUI SNMP window displays, showing default values delivered with the UAS system.

- a** Enter information for the following fields in the screen:

- v2c read/write community
This is the SNMPv2c community name for read/write access through the SNMP-based management station.
- v2c read only community
This is the SNMPv2c community name for read-only access through the SNMP-based management station.
- v3 read/write user
This is the SNMPv3 community name for read/write access through the SNMP-based management station.

- v3 read only user
This is the SNMPv3 community name for read-only access through the SNMP-based management station.
- trap version
This is the SNMP version of the SNMP traps sent by the UAS.
- trap destination
This is the destination IP address associated with the remote SNMP management station. This is the address to which SNMP traps are sent.
- trap port
This is the UDP port associated with the remote SNMP management station.

- b** Determine whether you want to save the information that you have entered.

If	Do
you want to save the information	step c
you do not want to save the information	step f

- c** Click OK.
- d** Pull down the menu under File (located at the top left-hand corner of the Local Configuration Interface GUI screen) and select "Save". Click OK when the confirmation screen displays.
- e** Go to step [30](#).
- f** Click Cancel.
- The entries in the screen fields revert to the default values.
- 30** Close the Local Configuration Interface GUI screens by pulling down the menu under File and selecting "Exit", and then close the command window.
- 31** Start the SNMP master agent by performing the following steps:
- a** select **Start -> Run**
 - b** type cmd in the window that displays
 - c** press Enter
 - d** type net start snmpdm on the command line

Configuring tone sets

The Tone Set Support feature provides a standard, “universal” set of call processing tones for each of the following countries: Australia, Austria, Belgium, Brazil, China, France, Germany, Ireland, Italy, the Netherlands, Portugal, Spain, Sweden, Switzerland, the United Kingdom, and the United States. The feature supports the unique tone variants required for each country.

In the Tone Set Support feature, a “tone set” is the collection of standard call processing tones for a given country, arranged in three categories: “call progress,” “conferencing tones,” and “expanded call progress.” Each of the call processing tones consists of two entities: a name, and a value. The “name” is the standard name assigned the tone, for all countries, such as “busy tone.” The “value” is the set of characteristics that produce the sounds of the different tones: frequency, cadence, amplitude (dB level), and number of iterations. The standard tone set for a country is established during installation of the UAS through the Local Customer Interface (LCI) GUI. If changes in the values of the standard tones in a country’s tone set are required, the Tone Set Support feature enables you to make these changes through the following procedure.

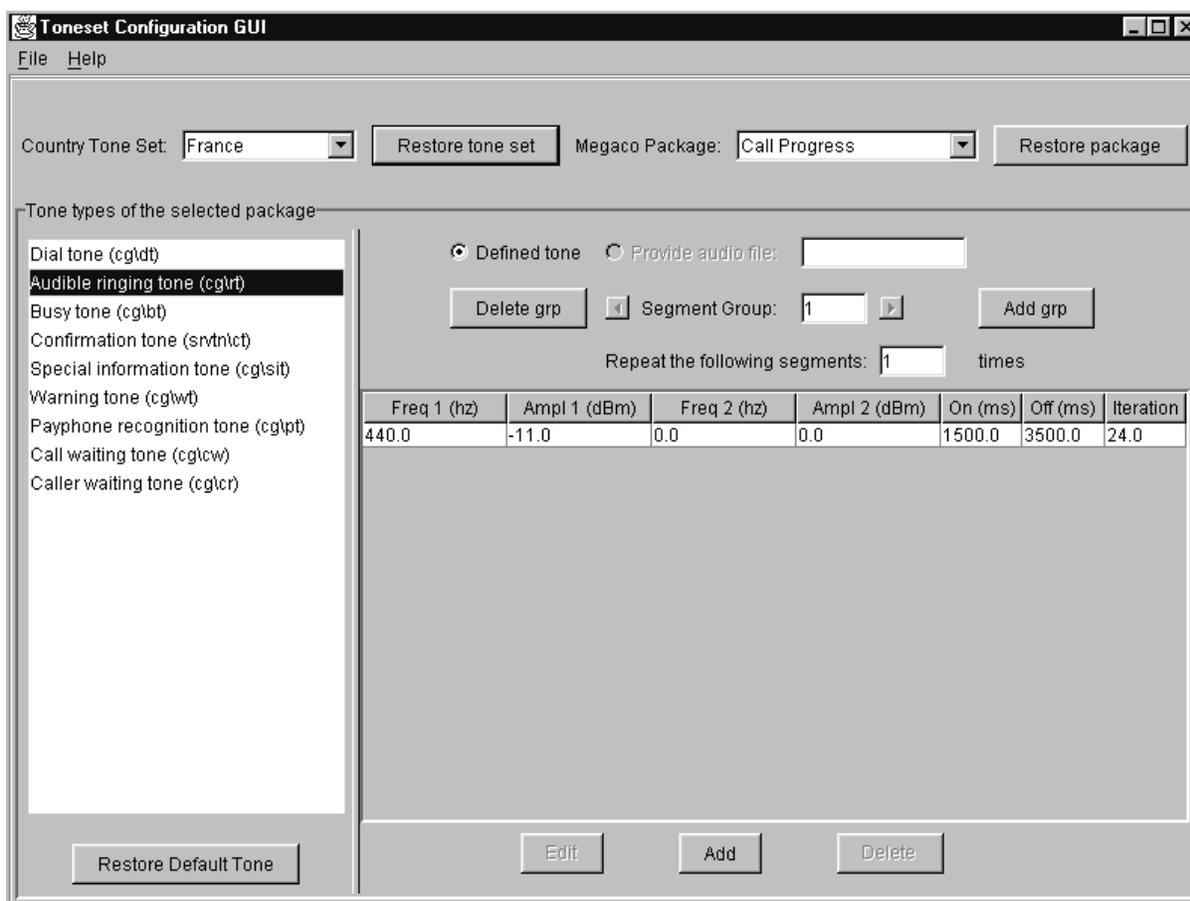
Configuring tone sets

At the Windows desktop interface

- 1 Launch the Toneset Configuration GUI by performing the following steps:
 - a select **Start -> Run**
 - b type **cmd** in the window that displays
 - c press Enter
 - d type **ToneConfig** on the command line
 - e press Enter

The Toneset Configuration GUI screen displays.

Toneset Configuration GUI screen



Note: This screen shows a sample of Toneset Configuration GUI information displayed in response to steps [2](#), [7](#), and [12](#), in this procedure.

- 2 In the Country Tone set pull-down menu, select a country for which you want to change a tone set.

If

Do

you want to restore the original tone set for the country

step [3](#)

you want to change either a tone set package or a tone

step [7](#)

- 3 Click Restore tone set, located at the top of the Toneset Configuration GUI screen.

- 4 Determine whether you want to save this change.

If	Do
you want to save this change	step 5
you do not want to save this change	step 6

- 5 Pull down the menu under File (located at the top left-hand corner of the Toneset Configuration GUI screen) and select "Save". Click OK when the confirmation screen displays.

- 6 If you want to perform another procedure, go to step [2](#). If you don't want to perform another procedure, go to step [71](#).

- 7 In the Megaco package pull-down menu, select a tone set package that you want to change.

The tone types available in the package display in left-side panel of the "Tone types of the selected package" panel.

Note: Tone types in the list that have been modified before are preceded by an asterisk (*).

If	Do
you want to restore the original tone set package for the country	step 8
you want to change a tone	step 12

- 8 Click Restore package, located at the top of the Toneset Configuration GUI screen.

- 9 Determine whether you want to save this change.

If	Do
you want to save this change	step 10
you do not want to save this change	step 11

- 10 Pull down the menu under File (located at the top left-hand corner of the Toneset Configuration GUI screen) and select "Save". Click OK when the confirmation screen displays.

- 11 If you want to perform another procedure, go to step [2](#). If you don't want to perform another procedure, go to step [71](#).

- 12 In the list of tone types displayed, select the tone type that you want to change.

Information about the tone displays in the right-side panel of the "Tone types of the selected package" panel.

- 13** Determine the action that you want to perform on the tone.
-
- | If | Do |
|--|-------------------------|
| you want to add a tone segment to a tone group | step 14 |
| you want to edit a tone segment | step 24 |
| you want to delete a tone segment | step 35 |
| you want to add a tone group | step 44 |
| you want to delete a tone group | step 56 |
| you want to restore the default tone | step 64 |
-
- 14** Look at the arrow buttons located on either side of the “Segment Group” label, located near the top of the “Tone types of the selected package” panel. If more than one tone group already exists for the selected tone type, the arrow button located on the right side of the “Segment Group” field will be enabled.
-
- | If | Do |
|--|-------------------------|
| more than one tone group exists for this tone type | step 15 |
| only one tone group exists for this tone type | step 16 |
-
- 15** Click the arrow button located on the right side of the “Segment Group” field until the number of the tone group to which you want to add the tone segment displays in the field.
- 16** Click Add.
- The “Add tonesegment to the tone” window displays.*

Add tone segment to the tone window

Only a maximum of two superimposed frequencies are supported for each tone segment.
Please provide audio file instead if more than two frequencies are needed.

Frequency 1 (hz): Amplitude 1 (dBm):

Frequency 2 (hz): Amplitude 2 (dBm):

Play continuously on timer (ms):

off timer (ms):

iteration:

Note: This sample window shows the format of the fields found also in the “Edit tone segment for tone” window, described in step [27](#).

17 Enter information, as you require, in the following fields in the window:

- **Frequency 1 (hz)**

This is the frequency of the tone segment. The frequency must be between 200 and 3600 hz, inclusive.

- **Amplitude 1 (dBm)**

This is the amplitude of the tone segment. The amplitude must be between .54 and 3.0 dBm, inclusive.

- **Frequency 2 (hz)**

This is the frequency of a second segment that you can superimpose on the new tone segment. Up to two frequencies can be superimposed on the tone segment.

- **Amplitude 2 (dBm)**

This is the amplitude of the second segment to be superimposed on the new tone segment.

a Determine whether you want the tone to play continuously or at a specified interval.

If	Do
you want the tone to play continuously	step b
you want the tone to play at a specified interval	step d

b Select the “continuously” radio button.

Note: Only a tone that is the last member of the last tone group can be configured to play continuously.

c Go to step [18](#).

d Select the “on timer (ms)” radio button.

e Enter the “on timer (ms)” interval (that is, the interval of time, in milliseconds, that you want the new tone to play).

f Enter the “off timer (ms)” interval (that is, the interval of time, in milliseconds, in which you want silence before any repetition of the tone)

g Enter the “Iteration”, or, the number of times that you want this “timed” tone to play.

- 18** Determine whether you want to save the information that you have entered.

If	Do
you want to save the information	step 19
you do not want to save the information	step 22

- 19** Click Apply.
- 20** Pull down the menu under File (located at the top left-hand corner of the Toneset Configuration GUI screen) and select “Save”. Click OK when the confirmation screen displays.
- 21** Either return to step [14](#) and add another tone segment, or go to step [23](#).
- 22** Click Cancel.
- 23** If you want to perform another procedure, go to step [13](#). If you don’t want to perform another procedure, go to step [70](#).
- 24** Look at the arrow buttons located on either side of the “Segment Group” label, located near the top of the “Tone types of the selected package” panel. If more than one tone group already exists for the selected tone type, the arrow button located on the right side of the “Segment Group” field will be enabled.

If	Do
more than one tone group exists for this tone type	step 25
only one tone group exists for this tone type	step 26

- 25** Click the arrow button located on the right side of the “Segment Group” field until the number of the tone group that contains the tone segment that you want to edit displays in the field.
- 26** In the list of segments that displays in the right-side panel of the “Tone types of the selected package” panel, select the tone segment that you want to edit.
- 27** Click Edit.

The “Edit tonesegment for tone” window displays.

28 Enter new information, as you require, in the following fields in the window:

- **Frequency 1 (hz)**

This is the frequency of the tone segment. The frequency must be between 200 and 3600 hz, inclusive.

- **Amplitude 1 (dBm)**

This is the amplitude of the tone segment. The amplitude must be between .54 and 3.0 dBm, inclusive.

- **Frequency 2 (hz)**

This is the frequency of a second segment that you can superimpose on the new tone segment. Up to two frequencies can be superimposed on the tone segment.

- **Amplitude 2 (dBm)**

This is the amplitude of the second segment superimposed on the tone segment.

a Determine whether you want to change the existing tone play interval.

If	Do
you want the tone to play continuously	step b
you want the tone to play at a specified interval	step d
you don't want to change the existing tone play interval	step 29

b Select the “continuously” radio button.

Note: Only a tone that is the last member of the last tone group can be configured to play continuously.

c Go to step [29](#).

d Select the “on timer (ms)” radio button.

e Enter the “on timer (ms)” interval (that is, the interval of time, in milliseconds, that you want the new tone to play).

f Enter the “off timer (ms)” interval (that is, the interval of time, in milliseconds, in which you want silence before any repetition of the tone)

g Enter the “Iteration”, or, the number of times that you want this “timed” tone to play.

- 29** Determine whether you want to save the information that you have entered.

If	Do
you want to save the information	step 30
you do not want to save the information	step 33

- 30** Click Apply.
- 31** Pull down the menu under File (located at the top left-hand corner of the Toneset Configuration GUI screen) and select “Save”. Click OK when the confirmation screen displays.
- 32** Either return to step [24](#) and edit a different tone segment or go to step [34](#).
- 33** Click Cancel.
- 34** If you want to perform another procedure, go to step [13](#). If you don’t want to perform another procedure, go to step [70](#).
- 35** Look at the arrow buttons located on either side of the “Segment Group” label, located near the top of the “Tone types of the selected package” panel. If more than one tone group already exists for the selected tone type, the arrow button located on the right side of the “Segment Group” field will be enabled.

If	Do
more than one tone group exists for this tone type	step 36
only one tone group exists for this tone type	step 37

- 36** Click the arrow button located on the right side of the “Segment Group” field until the number of the tone group containing the tone segment that you want to delete displays in the field.
- 37** In the list of segments that displays in the right-side panel of the “Tone types of the selected package” panel, select the tone segment that you want to delete.
- 38** Click Delete.

The “Delete Data Changes” confirmation window displays.

- 39** Make the appropriate selection in the confirmation window.

If	Do
you deleted a segment and want to save the change (deletion)	step 40
you deleted a segment but do not want to save the change (deletion)	step 42
you did not delete a segment	step 42

- 40** Pull down the menu under File (located at the top left-hand corner of the Toneset Configuration GUI screen) and select “Save”. Click OK when the confirmation screen displays.

- 41** Either return to step [35](#) and delete another tone segment or go to step [43](#).

- 42** Click the Exit button located in the top right corner of the screen and click Yes in response to the query that then displays.

- 43** If you want to perform another procedure, go to step [13](#). If you don’t want to perform another procedure, go to step [70](#).

- 44** Look at the arrow buttons located on either side of the “Segment Group” label, located near the top of the “Tone types of the selected package” panel. If more than one tone group already exists for the selected tone type, the arrow button located on the right side of the “Segment Group” field will be highlighted.

If	Do
more than one tone group exists for this tone type	step 45
only one tone group exists for this tone type	step 46

- 45** Click the arrow button located on the right side of the “Segment Group” field until the number of the last tone group associated with this tone type displays.

Note: Tone groups are added sequentially. You can only add a tone group following the last tone group defined for the tone type.

- 46** Click Add grp

- 47** Click Add

The “Add tonesegment to the tone” window displays.

48 Enter information, as you require, in the following fields in the window:

- **Frequency 1 (hz)**

This is the frequency of the tone segment. The frequency must be between 200 and 3600 hz, inclusive.

- **Amplitude 1 (dBm)**

This is the amplitude of the tone segment. The amplitude must be between .54 and 3.0 dBm, inclusive.

- **Frequency 2 (hz)**

This is the frequency of a second segment that you can superimpose on the new tone segment. Up to two frequencies can be superimposed on the tone segment.

- **Amplitude 2 (dBm)**

This is the amplitude of the second segment to be superimposed on the new tone segment.

a Determine whether you want the tone to play continuously or at a specified interval.

If	Do
you want the tone to play continuously	step b
you want the tone to play at a specified interval	step d

b Select the “continuously” radio button.

Note: Only a tone that is the last member of the last tone group can be configured to play continuously.

c Go to step [49](#).

d Select the “on timer (ms)” radio button.

e Enter the “on timer (ms)” interval (that is, the interval of time, in milliseconds, that you want the new tone to play).

f Enter the “off timer (ms)” interval (that is, the interval of time, in milliseconds, in which you want silence before any repetition of the tone)

g Enter the “Iteration”, or, the number of times that you want this “timed” tone to play.

- 49** Determine whether you want to save the information that you have entered.

If	Do
you want to save the information	step 50
you do not want to save the information	step 54

- 50** Click Apply.
- 51** In the “Repeat the following segments” field, enter the number of times that you want the segments in the tone group to be repeated.
- 52** Pull down the menu under File (located at the top left-hand corner of the Toneset Configuration GUI screen) and select “Save”. Click OK when the confirmation screen displays.
- 53** Either return to step [46](#) and add another tone group or go to step [55](#).
- 54** Click the Exit button located in the top right corner of the screen and click Yes in response to the query that then displays.
- 55** If you want to perform another procedure, go to step [13](#). If you don’t want to perform another procedure, go to step [71](#).
- 56** Look at the arrow buttons located on either side of the “Segment Group” label, located near the top of the “Tone types of the selected package” panel. If more than one tone group already exists for the selected tone type, the arrow button located on the right side of the “Segment Group” field will be highlighted.

If	Do
more than one tone group exists for this tone type	step 57
only one tone group exists for this tone type	step 58

- 57** Click the arrow button located on the right side of the “Segment Group” field until the number of the tone group associated with this tone type, that you want to delete, displays.
- 58** Click Delete grp
The “Delete Data Changes” confirmation window displays.

59 Make the appropriate selection in the confirmation window.

If	Do
you deleted a tone group and want to save the change (deletion)	step 60
you deleted a tone group but do not want to save the change (deletion)	step 62
you did not delete a tone group	step 62

60 Pull down the menu under File (located at the top left-hand corner of the Toneset Configuration GUI screen) and select "Save". Click OK when the confirmation screen displays.

61 Either return to step [56](#) and delete a different tone segment or go to step [63](#).

62 Click the Exit button located in the top right corner of the screen and click Yes in response to the query that then displays.

63 If you want to perform another procedure, go to step [13](#). If you don't want to perform another procedure, go to step [70](#).

64 Click Restore the Default Tone, located at the bottom left side of the Tone types of the selected package panel.

65 Determine whether you want to save the change.

If	Do
you want to save the change	step 66
you do not want to save the change	step 68

66 Pull down the menu under File (located at the top left-hand corner of the Toneset Configuration GUI screen) and select "Save". Click OK when the confirmation screen displays.

67 Go to step [69](#).

68 Click the Exit button located in the top right corner of the screen and click Yes in response to the query that then displays.

69 If you want to perform another procedure, go to step [13](#). If you don't want to perform another procedure, go to step [70](#).

70 Close the Toneset Configuration GUI screen by selecting **File -> Exit**

71 Determine whether to restart the UAS.

If

you made changes and saved them

Do

step [72](#)

you did not make any changes to save

step [80](#)

At the Network Element Status panel of the Universal Audio Server Manager

72 In the Network Elements pane, select the appropriate UAS node. *Information about the node displays in the System Identification pane.*

73 In the pull-down list in the box labeled, “Please select,” select Maintenance.

74 In the Maintenance Tree pane, select “Node”.

75 Click the node entry that displays in the table shown in the Node States pane.

76 Lock the node by clicking the “Lock Graceful” button located at the bottom of the Node States pane.

77 Restart the node by clicking the “Restart Application” button located at the bottom of the Node States pane.

78 Click OK in the Restart Application Warning window.

79 Click OK in the Warning window.

80 You have completed this procedure.

Configuring the SNMP agent

Alarms are managed, sorted, and viewed on the Universal Audio Server Manager. The alarms are delivered to the Universal Audio Server Manager by system software known as the “Simple Network Management Protocol (SNMP) agent.” The Universal Audio Server Manager server IP address that the SNMP agent delivers alarms to is established immediately after installation of the APS system by performing the procedure below. This procedure is also used if the IP address of the Universal Audio Server Manager changes later on.

Configuring the SNMP agent

At the command line

- 1 Perform the following procedure:
 - a telnet to the CS 2000 Management Tools server
 - b log in using the “maint” login and password
 - c become the “root” user by entering:

```
su - root
```
- 2 Type the following command to stop the SNMP agent:
APSagentctl stop
Note: If this command is not found, enter the full path for the command, /opt/uas/SnmpAgent/bin/APSagentctl stop
- 3 After the system response, “APS Agent terminated” displays, type the following command:
configure_agent
Note: If this command is not found, enter the full path for the command, /opt/uas/SnmpAgent/bin/configure_agent

- 4** In response to the prompt, “Enter your selection,” enter either 1 or 2
where:
- 1** specifies that new configuration data is to be entered
 - 2** specifies that previous configuration data is to be restored
-
- | If | Do |
|---------------|-------------------------|
| you entered 1 | step 5 |
| you entered 2 | step 18 |
-
- 5** In response to the prompt, “What is the element manager’s IP address?” enter either 1 or 2
where:
- 1** specifies the default IP address
 - 2** specifies that another IP address is to be entered
-
- | If | Do |
|---------------|------------------------|
| you entered 1 | step 7 |
| you entered 2 | step 6 |
-
- 6** In response to the prompt, “Enter the correct IP address” enter the IP address.
- 7** In response to the prompt, “What port does the element manager use to receive traps or alarms/logs?” enter either 1 or 2
where:
- 1** specifies the default port number, 162
 - 2** specifies that another port number is to be entered
-
- | If | Do |
|---------------|------------------------|
| you entered 1 | step 9 |
| you entered 2 | step 8 |
-
- 8** In response to the prompt, “Enter the element manager’s port for receiving traps,” enter the port number.

- 9** In response to the prompt, “Should the agent forward alarms/logs to syslog?” enter either 1 or 2

where:

- 1**
specifies “yes”

Note 1: APS system logs are available for viewing only in the var/log/ptmlog file.

Note 2: Forwarding alarms/logs to the syslog ensures backup access to this information.

- 2**
specifies “no”

If	Do
you entered 1	step 10
you entered 2	step 11

- 10** In response to the prompt, “What is the logging level?” enter either 1, 2, or 3

where:

- 1**
specifies “error messages”

- 2**
specifies “error and warning messages”

- 3**
specifies the default logging level, “error, warning, and information messages”

- 11** In response to the prompt, “What port does the agent use to receive SNMP messages from the element manager?” enter either 1 or 2

where:

1

specifies the default port number, 5161

2

specifies that another port number is to be entered

Note: If error messages display indicating that the port you have selected is already in use and cannot be used unless you specify it when you are logged in as the “root” user, either:

- log in again, restart the `configure_agent` program (see step [3](#)), select 2 when you perform this step, and enter a different port number

or

- log in as the “root” user, restart the `configure_agent` program, and select 1 again when you perform this step

Note that the port number you select must also then be set in the Universal Audio Server Manager station when the APS is added to the network topology.

If

Do

you entered 1

step [13](#)

you entered 2

step [12](#)

- 12** In response to the prompt, “Enter the agent’s port for receiving SNMP messages,” enter the port number.

- 13** In response to the prompt, “What Read community string should the agent use to authenticate SNMP GET messages?” enter either 1 or 2

where:

- 1** specifies the default, “public”
- 2** specifies that another Read community string is to be entered

Note: You can enter 2 if you do not want a public SNMP read community string.

If	Do
you entered 1	step 15
you entered 2	step 14

- 14** In response to the prompt, “Enter the new Read community string,” enter the Read community string.

- 15** In response to the prompt, “What Write community string should the agent use to authenticate SNMP SET messages?” enter either 1 or 2

where:

- 1** specifies the default, “admin”
- 2** specifies that another Write community string is to be entered

Note 1: You can enter 2 if you do not want an admin SNMP Write community string.

Note 2: Make sure that you specify the same Write community string when you add an APS to the network topology through the Universal Audio Server Manager.

If	Do
you entered 1	step 17
you entered 2	step 16

- 16** In response to the prompt, “Enter the new Write community string,” enter the Write community string.

- 17 In response to the prompt, “What SNMP version should the agent use in sending SNMP messages? (enter either 1, for v1, or 2, for v2 (default))
- 18 After the system response, “Saving information to ApsAgent.conf” and “Saving information to ApsSnmpAgent.sh” displays, a UNIX shell prompt will display. Enter, then, the following command to start the SNMP agent:
/opt/uas/SnmpAgent/bin/APSagentctl start
Note: This step manually restarts the SNMP agent. If the command is not used, the SNMP agent is automatically restarted when the system is rebooted.
- 19 Verify that the agent has started by entering the following command:
more /opt/uas/aps/scripts/SnmpAgent.pid
If the agent has started, a process id (pid) displays.
- 20 Verify that the process is running by entering:
ps -ef | grep nnnn
where *nnnn* is the process id that was displayed in step [19](#).
- 21 You have completed this procedure.

Configuring the APS for operation

After the APS is installed, you must add users, UAS nodes, provision sets, and program groups before any audio provisioning can be performed. This procedure enables you to configure the APS for operation by creating a new UAS node and the provision sets and program groups to be associated with it.

You will need the following information in order to complete this procedure:

- list of APS users to be added to the system, including user IDs, user names, and passwords
- list of UAS nodes, including IP addresses and hostnames
- list of program group names
- list of provision set names
- correlation of users to program groups
- correlation of provision sets to program groups and UAS nodes
- IP address of the APS
- “root” user ID and password for the APS

Configuring the APS for operation

At your console

- 1 Start the APS GUI by performing the following steps:
 - a Start up Netscape or Internet Explorer
 - b Enter the URL for the APS GUI: `http://<ip address of the APS>:8080/aps/`
 - c When the APS GUI login screen opens, enter the “admin” user ID and password, and then click OK.

At the APS Administration Tool screen

- 2 Create the program groups to be associated with the new UAS node. For more information, refer to the procedure [Creating a program group on page 156](#).
- 3 Create a new provision set to be associated with the new UAS node. For more information, refer to the procedure [Creating a provision set on page 165](#).
- 4 Add a UAS node to the APS database. For more information, refer to the procedure [Creating a UAS node on page 171](#).

- 5 Exit from the Administration Tool GUI by first closing any open dialog windows and then clicking Exit.
The APS Main Menu screen opens.
- 6 Click Audio Management.
The APS Audio Management Tool screen opens.
- 7 Upload an audio segment file and import the file into the APS database. For more information about uploading the file, refer to the procedure [Uploading audio files on page 189](#). For more information about importing the file, refer to the procedure [Importing physical segments on page 195](#).
- 8 Provision the UAS node by performing the procedure, [Provisioning a UAS node on page 178](#).
- 9 Ensure that the audio has been successfully provisioned by checking the APS provisioning log.
 - a Open a telnet window to the APS and log in as “root.”
 - b Enter the following to find the provisioner log file for the APS (specified by the hostname you enter) in which you are provisioning audio.

```
cd /PROV_data  
less -i <hostname> provisioner.log
```

The content of the provisioner log file displays.
 - c In the provisioner.log file search for the name of the node that you have provisioned, look for the date and time stamp associated with the provisioning activity, and determine whether any errors occurred during provisioning.

```
/ <node> (provides a forward search)  
? <node> (provides a backward search)
```

The following commands will be useful to you when you are examining the file: to page forward, press the space bar; to page backward, enter ctrl-b; to go to the top of the file, press the escape key (Esc), then press the Shift key and >; to go the bottom of the file, press Esc, then press the Shift key and <.
- 10 Play the new audio. For more information, refer to the procedure [Playing a physical segment's audio file on page 134](#).
- 11 If you need to change the default “admin” user password, refer to the procedure “Changing the APS GUI password” in the document NN10161-611, entitled, “UAS Administration and Security,” in your UAS document suite.

12 You have completed this procedure.

Creating audio for a UAS

Because of regional and national language differences, as well as the unique requirements associated with most announcements, pre-recorded audio segments are not provided with the UAS. This procedure describes the steps required to create audio for your UAS system.

Creating audio for a UAS

At your PC equipped with a sound card and microphone

- 1 Record the audio segments to be used in the announcement you wish to create.

Note: Although announcements can be made simply by recording them using your PC, you may choose instead to use announcements produced in a commercial recording studio.
- 2 Store the audio segments as “.raw” (rather than .wav or .mp3), 8 kHz sampling rate files in G.711 encoded mu-law or a-law format. It is strongly recommended that a commercial sound file manipulation tool be used for this purpose. For information about possible tools to use, contact your Nortel Networks service representative.
- 3 Upload the audio segment files and import the files into the APS database for processing. For more information about uploading the file, refer to the procedure [Uploading audio files on page 189](#). For more information about importing the file, refer to the procedure [Importing physical segments on page 195](#).
- 4 You have completed this procedure.

Associate existing provision sets with a new UAS node

This procedure enables you to add a new node and associate existing provision sets and program groups with it. This procedure is normally performed in response to a traffic overload condition on an existing node.

Associate existing provision sets with a new UAS node

At the APS Administration Tool screen

- 1 Add a UAS node to the APS database. For more information, refer to the procedure [Creating a UAS node on page 171](#).
- 2 Select the Provision Sets folder in the Administration Container Tree.
The Contents table is populated with the provision sets in the APS database.
- 3 Select a provision set in the Contents table to be copied into the UAS node.
- 4 Click the Copy button on the menu tool bar.
- 5 Select the Nodes folder in the Administration Container Tree.
The Contents table is populated with the UAS nodes in the APS database.
- 6 Select the new UAS node in the Contents table.
- 7 Click the Paste button on the menu tool bar.
The Paste APS Entity Result window opens.
- 8 Click OK.
- 9 You have completed this procedure.

Associate existing provision sets with an existing UAS node

Associate existing provision sets with an existing UAS node

At the APS Administration Tool screen

- 1 Select the Provision Sets folder in the Administration Container Tree.
The Contents table is populated with the provision sets in the APS database.
- 2 Select a provision set in the Contents table to be copied into the new UAS node.
- 3 Click the Copy button on the menu tool bar.
- 4 Select the Nodes folder in the Administration Container Tree.
The Contents table is populated with the UAS nodes in the APS database.
- 5 Select the UAS node in the Contents table.
- 6 Click the Paste button on the menu tool bar.
The Paste APS Entity Result window opens.
- 7 Click OK.
- 8 You have completed this procedure.

Playing a physical segment's audio file

This operation enables you to play audio recorded in G711 mulaw, G711 alaw, or .wav format associated with a specific version of a physical segment. Audio files in mulaw and alaw formats are converted internally when they are played. These converted files are removed from the APS when they have not been accessed for 14 days or when the original physical segment is deleted from the database.

This capability is available only for audio files that have been imported into the database.

Playing a physical segment's audio file

At the APS Administration Tool screen

- 1 Click the Filter button in the Provisionable Entities panel.

The Segments Filter Dialog window opens.

- 2 Click the Include Segments Only radio button.

- 3 Select a physical segment to play by performing one of the following steps:

- a Click OK.

The Provisionable Entities table is populated with all of the segments in the database, including physical segments, sequences, sets, and variables.

In the table, select the physical segment you wish to play, then go to step [4](#).

Note: Physical segments are identified in the table by the blue dot that precedes the ID, in the ID column.

- b Click the Physical Segments box, and then click OK.

The Provisionable Entities table is populated with all of the physical segments in the database.

In the table, select the physical segment you wish to play, then go to step [4](#).

- c Enter the ID of the physical segment you wish to play in the Start ID and End ID fields, and then click OK.

The physical segment you selected appears in the Provisionable Entities table.

Select the physical segment, then go to step [4](#).

- 4 Click the Play button on the menu tool bar.

5 You have completed this procedure.

Finding references to a provisionable entity

This procedure enables you to locate all references to a specified provisionable entity, such as an Audio Package or Physical Segment, or to an administration entity, such as a particular User or Program Group, in the database.

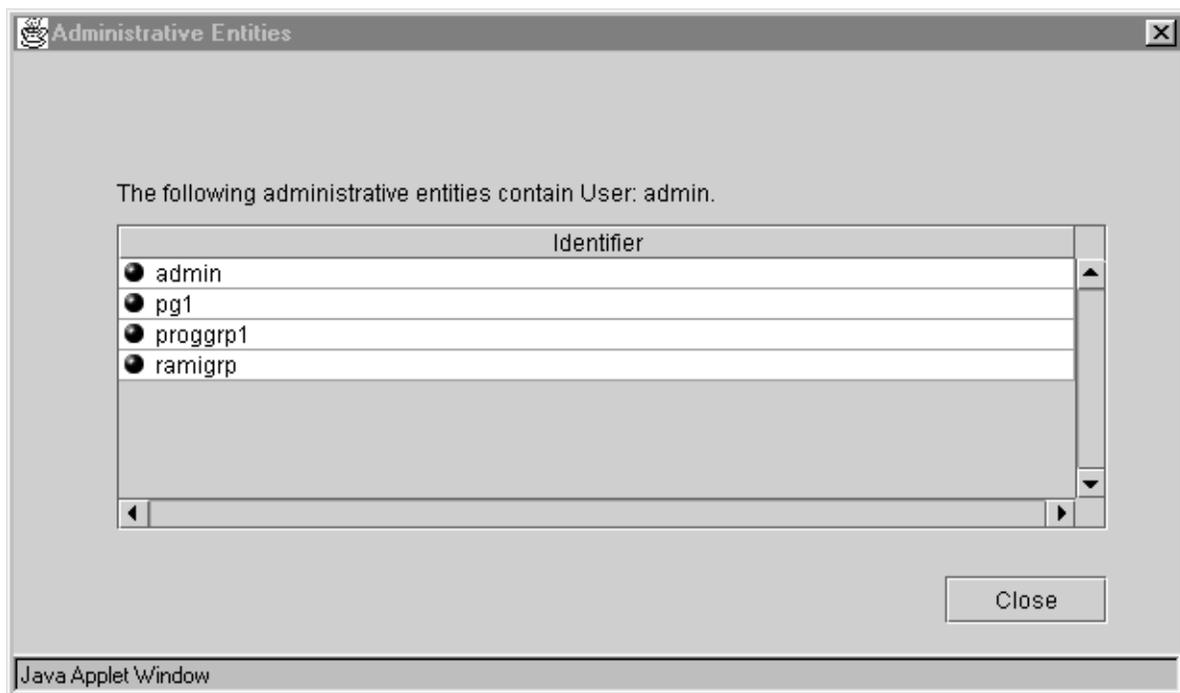
Finding references to a provisionable entity

At the APS Audio Management Tool screen

- 1 Select a provisionable or administration entity in the Contents table, the Administration Container tree, or the Provisionable Entities table.
- 2 Click the Find Reference To button on the menu tool bar.

The Administrative Entities window opens, containing a list of the Administrative entities that contain the provisionable entity being searched for.

Administrative Entities window



- 3 Click Close.
- 4 You have completed this procedure.

Editing APS System Parameters

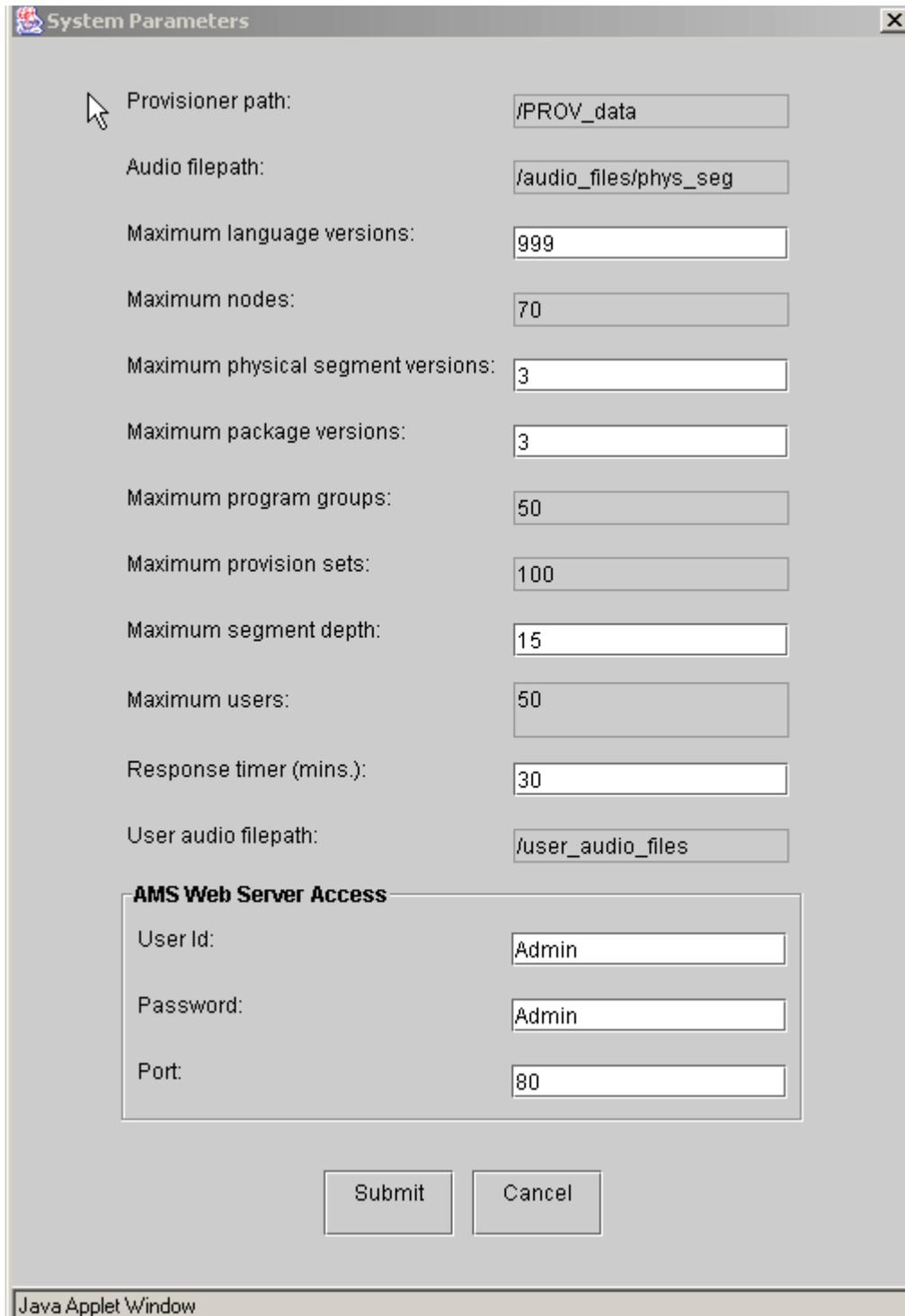
This procedure enables you to edit APS selected system parameters such as the maximum response time before logout from the APS Administration and Audio Management Tools.

Editing APS System Parameters

At the APS Administration Tool screen

- 1 Click the Edit System Parameters button on the menu tool bar.
The System Parameters window opens.

System Parameters window



The screenshot shows a Java Applet window titled "System Parameters". The window contains the following fields and sections:

- Provisioner path: /PROV_data
- Audio filepath: /audio_files/phys_seg
- Maximum language versions: 999
- Maximum nodes: 70
- Maximum physical segment versions: 3
- Maximum package versions: 3
- Maximum program groups: 50
- Maximum provision sets: 100
- Maximum segment depth: 15
- Maximum users: 50
- Response timer (mins.): 30
- User audio filepath: /user_audio_files

AMS Web Server Access

- User Id: Admin
- Password: Admin
- Port: 80

Buttons: Submit, Cancel

Java Applet Window

- 2** Enter new values for any of the following fields:
- Maximum Language Versions
 - Maximum Physical Segment Versions
 - Maximum Package Versions
 - Maximum Segment Depth
 - Response Timer (in minutes)

If	Do
you want to cancel	step 3
you want to submit the operation	step 4

- 3** Click Cancel. Go to step [7](#).
- 4** Click Submit.
- 5** Logout of the APS GUI.

At the command line:

- 6** Enter the following command and then press **Enter**:
- ```
/opt/uas/aps/scripts/killDbServer.sh
```
- 7** When the message, "...Starting DB Server" displays, you have completed this procedure.

## Creating a selector type

### Creating a selector type

#### At the APS Administration Tool screen

- 1 Select the Selector Types folder in the Administration Container Tree.
- 2 Click the New button on the menu tool bar.  
*The Selector Type Properties window opens.*

#### Selector Type Properties window

- 3 Perform the following:
  - a Enter a display name for the Selector Type.

| If                                     | Do                     |
|----------------------------------------|------------------------|
| you want to Cancel                     | step <a href="#">4</a> |
| you want to Submit the new information | step <a href="#">5</a> |

- 4 Click Cancel. Go to step [7](#).
- 5 Click Submit.

| If                                              | Do                     |
|-------------------------------------------------|------------------------|
| you attempted to add a non-unique selector type | step <a href="#">6</a> |
| the operation was successful                    | step <a href="#">7</a> |

- 6** Enter a unique selector type in the Non-unique Selector Type window and click Submit.
- 7** You have completed this procedure.

---

## Listing selector types

---

### Listing selector types

#### ***At the APS Administration Tool Screen***

- 1 Select the Selector Types folder in the Administration Container Tree.

*The Contents table is populated with the selector types in the APS database.*

- 2 You have completed this procedure.

## Deleting a selector type

---

This procedure enables you to delete a selector type and its associated selector values from the database.

**Note:** Before deleting a selector type, ensure that the deletion will not affect call processing.

### Deleting a selector type

#### *At the APS Administration Tool screen*

- 1 Select the Selector Types folder in the Administration Container Tree.

*The Contents table is populated with the selector types in the APS database.*

- 2 In the Contents table, select the selector type to be deleted.

- 3 Click the Delete button on the menu tool bar.

*The Delete Provisionable Entity Warning window opens.*

---

| If | Do |
|----|----|
|----|----|

---

|                                  |                        |
|----------------------------------|------------------------|
| you want to submit the operation | step <a href="#">4</a> |
|----------------------------------|------------------------|

|                    |                        |
|--------------------|------------------------|
| you want to cancel | step <a href="#">5</a> |
|--------------------|------------------------|

- 4 Click OK. Go to step [6](#).

- 5 Click Cancel.

- 6 You have completed this procedure.

## Adding a selector value to a selector type

### Adding a selector value to a selector type

#### At the *APS Administration Tool* screen

- 1 Select the Selector Values folder in the Administration Container Tree.

*The Contents table is populated with the selector values in the APS database.*

- 2 In the Contents table, select the selector value to be copied.
- 3 Click the Copy button on the menu tool bar.
- 4 Select the Selector Types folder in the Administration Container Tree.

*The Contents table is populated with the selector types in the APS database.*

- 5 Select a Selector Type in the Contents table.
- 6 Click the Paste button on the menu tool bar.

---

#### If

#### Do

the operation was successful

step [8](#)

the selector value contains a non-unique Call Processing Value

step [7](#)

- 7 Change the Call Processing Value by performing the procedure [Editing a selector value on page 149](#).

**Note:** The Call Processing Selector Value is determined according to network-wide call processing requirements. Thus, care must be taken when entering this value to ensure that it and the Display Selector Value uniquely identify the Selector Value for use during call processing.

- 8 You have completed this procedure.

## Cutting a selector value from a selector type

---

This procedure enables you to cut a selector value from a selector type.

**Note:** Before cutting the selector value from the selector type, ensure that the deletion will not affect call processing.

### Cutting a selector value from a selector type

#### *At the APS Administration Tool screen*

- 1 Expand the Selector Types folder in the Administration Container Tree.  
*A list of selector types appears in the Administration Container Tree.*
  - 2 In the Audio Container Tree, select a selector type containing the selector values you wish to cut.  
*The selector values associated with the selector type appear in the Contents table.*
  - 3 In the Contents table, select the selector value to be deleted.
  - 4 Click the Cut button on the menu tool bar.  
*The Cut Entity from Administrative Entity Warning window opens.*
- | <b>If</b>                        | <b>Do</b>              |
|----------------------------------|------------------------|
| you want to submit the operation | step <a href="#">5</a> |
| you want to cancel               | step <a href="#">6</a> |
- 5 Click OK. Go to step [7](#).
  - 6 Click Cancel.
  - 7 You have completed this procedure.

## Creating a selector value

### Creating a selector value

#### At the APS Administration Tool screen

- 1 Select the Selector Values folder in the Administration Container Tree.
- 2 Click the New button on the menu tool bar.  
*The Selector Value Properties window opens.*

#### Selector Value Properties window

- 3 Enter the following information about the selector value:
  - Display Selector Value
  - Call Processing Selector Value

| If                               | Do                     |
|----------------------------------|------------------------|
| you want to cancel               | step <a href="#">4</a> |
| you want to submit the operation | step <a href="#">5</a> |

- 4 Click Cancel. Go to step [6](#).
- 5 Click Submit.
- 6 You have completed this procedure.

---

## Listing selector values

---

### Listing selector values

#### ***At the APS Administration Tool Screen***

- 1 Select the Selector Values folder in the Administration Container Tree.

*The Contents table is populated with the selector values in the APS database.*

- 2 You have completed this procedure.

---

## Deleting a selector value

---

This procedure enables you to delete a selector value from the database.

**Note:** Before deleting a selector value, ensure that the deletion will not affect call processing.

### Deleting a selector value

#### *At the APS Administration Tool screen*

- 1 Select the Selector Values folder in the Administration Container Tree.

*The Contents table is populated with the selector values in the APS database.*

- 2 In the Contents table, select the selector value to be deleted.

- 3 Click the Delete button on the menu tool bar.

*The Delete Provisionable Entity Warning window opens.*

---

| <b>If</b>                        | <b>Do</b>              |
|----------------------------------|------------------------|
| you want to submit the operation | step <a href="#">4</a> |
| you want to cancel               | step <a href="#">5</a> |

---

- 4 Click OK. Go to step [6](#).
- 5 Click Cancel.
- 6 You have completed this procedure.

## Editing a selector value

---

### Editing a selector value

#### *At the APS Administration Tool screen*

- 1 Select the Selector Values folder in the Administration Container Tree.

*The Contents table is populated with the selector values in the APS database.*

- 2 In the Contents table, select the selector value to be edited.
- 3 Click the Edit button on the menu tool bar.

*The Selector Value Properties window opens.*

---

**If****Do**

---

you want to submit the operation

step [4](#)

you want to cancel

step [5](#)

---

- 4 Click Submit. Go to step [6](#).
- 5 Click Cancel.
- 6 You have completed this procedure.

## Creating users

This procedure enables you to add new users to the system.

The following is useful information to be aware of before you create new users in the audio management system:

- Permission group defines what users can do on the system, for example, what screens they can access.
  - Administration permission gives the user all permissions.
  - Audio Management permission allows the user to update audio only.
- Program group is a set of users.

**Note:** If a user is to have the ability to view language version folders, the user must be added to the Admin program group.

- The password and verify password are 4–8 characters, alphanumeric, and case-sensitive.
- When you create new users, it is advisable to then perform a database backup. This ensures that the new user information will be available if an emergency restoration of the database for the system is ever required.



### CAUTION

The cache limit is 40 megabytes of audio on the UAS for all users. Exceeding the cache limit can stop the UAS system from operating.

## Creating users

### *At the APS Administration Tool Screen*

- 1 Select the Users folder in the Administration Container Tree.
- 2 Click the New button on the menu tool bar.

*The User Properties window opens.*

## User Properties window

The screenshot shows a 'User Properties' window with the following fields and options:

- User ID: [Text Input]
- User Name: [Text Input]
- Password: [Text Input]
- Verify Password: [Text Input]
- Permission Group: Admin (Dropdown)
- Set Cache Flag Allowed:  Yes,  No
- User Status:  Activated,  Suspended
- Comment: [Text Input]
- Last Modified By: N/A
- Date Last Modified: Mon May 21 07:38:24 EDT 2001
- Buttons: Submit, Cancel

### 3 Enter the following information about the user.

- User ID

**Note 1:** The new user ID cannot be the same as a user ID that exists in the database.

**Note 2:** The maximum length of a user ID is 12 characters.

- User Name
- Password
- Verify Password
- Permission Group

**Note:** Click the Permission Group List button to pull down a list of available Permission Groups.

- Set Cache Flag
- User Status
- User Status Comment

| If                                          | Do                     |
|---------------------------------------------|------------------------|
| you want to Submit the new user information | step <a href="#">4</a> |

---

|  | <b>If</b>                                 | <b>Do</b>              |
|--|-------------------------------------------|------------------------|
|  | you want to Cancel the addition operation | step <a href="#">5</a> |

---

- 4 Click Submit. Go to step [6](#).
- 5 Click Cancel.
- 6 You have completed this procedure.

## Listing users

---

### Listing users

#### ***At the APS Administration Tool Screen***

- 1 Select the Users folder in the Administration Container Tree.  
*The Contents table is populated with the Users in the APS database.*
- 2 You have completed this procedure.

---

## Editing user profiles

---

### Editing user profiles

#### *At the APS Administration Tool Screen*

- 1 Select the Users folder in the Administration Container Tree.  
*The Contents table is populated with the users in the APS database.*
- 2 Select a User in the Contents table whose profile is to be changed.
- 3 Click the Edit button on the menu tool bar.  
*The User Properties window opens.*
- 4 Change any of the following information:
  - User Name
  - Password
  - Verify Password
  - Permission Group
  - Set Cache Flag
  - User Status
  - User Status Comment

---

| <b>If</b>                                   | <b>Do</b>              |
|---------------------------------------------|------------------------|
| you want to Submit the new user information | step <a href="#">5</a> |
| you want to Cancel the editing operation    | step <a href="#">6</a> |

---

- 5 Click Submit. Go to step [7](#).
- 6 Click Cancel.
- 7 You have completed this procedure.

---

## Deleting users from the database

---

### Deleting users from the database

#### *At the APS Administration Tool Screen*

- 1 Select the Users folder in the Administration Container Tree.  
*The Contents table is populated with the users in the APS database.*
- 2 In the Contents table, select the user to be deleted from the database.
- 3 Click the Delete button on the menu tool bar.  
*The Delete Provisionable Entity Warning window opens.*

---

**If**

you want to delete the user from the database

---

**Do**

step [4](#)

you want to cancel the delete operation

step [5](#)

- 
- 4 Click OK. Go to step [6](#).
  - 5 Click Cancel.
  - 6 You have completed this procedure.

## Creating a program group

### Creating a program group

#### At the *APS Administration Tool* screen

- 1 Select the Program Groups folder in the Administration Container Tree.
- 2 Click the New button on the menu tool bar.  
*The Program Group Properties window opens.*

#### Program Group Properties window

- 3 Enter the following information:

- Program Group Name
- Description

**Note:** Program Group names cannot begin with the dollar sign (\$).

| If                                     | Do                     |
|----------------------------------------|------------------------|
| you want to Cancel                     | step <a href="#">4</a> |
| you want to Submit the new information | step <a href="#">5</a> |

- 4 Click Cancel. Go to step [7](#).

- 5 Click Submit.
- 6 Determine whether you want to add user IDs, segment IDs, or package IDs to the new program group.

---

| <b>If</b>                                                                      | <b>Do</b>                                                                                             |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| you only want to add a program group                                           | step <a href="#">7</a>                                                                                |
| you want to add user IDs, segment IDs, or package IDs to the new program group | Procedure <a href="#">Adding user IDs, segment IDs, or package IDs to a program group on page 160</a> |

---
- 7 You have completed this procedure.

---

## Listing program groups

---

### Listing program groups

#### ***At the APS Administration Tool Screen***

- 1 Select the Program Groups folder in the Administration Container Tree.

*The Contents table is populated with the program groups in the APS database.*

- 2 You have completed this procedure.

---

## Deleting a program group

---

This procedure enables you to delete a program group from the database.

**Note:** You cannot remove a program group that is associated with a provision set. Thus, you must first remove the program group references to the provision set. For more information, see [Cutting program groups from a provision set on page 170](#).

### Deleting a program group

#### *At the APS Administration Tool screen*

- 1 Select the Program Groups folder in the Administration Container Tree.  
*The Contents table is populated with the program groups in the APS database.*
- 2 Scroll through the Contents table and select the program group to be deleted.
- 3 Click the Delete button on the menu tool bar.  
*The Delete Provisionable Entity Warning window opens.*

---

| <b>If</b>                                              | <b>Do</b>              |
|--------------------------------------------------------|------------------------|
| you want to delete the program group from the database | step <a href="#">4</a> |
| you want to cancel the delete operation                | step <a href="#">5</a> |

---

- 4 Click OK. Go to step [6](#).
- 5 Click Cancel.
- 6 You have completed this procedure.

## Adding user IDs, segment IDs, or package IDs to a program group

This procedure enables you to assign segment IDs, package IDs, or user IDs to an existing program group.

**Note:** You can both assign and remove user IDs, package IDs, and segment IDs at the same time.

### Adding user IDs, segment IDs, or package IDs to a program group

#### At the APS Administration Tool screen

- 1 Determine whether you want to add user IDs, segment IDs, or package IDs to the program group.

| If                                                              | Do                     |
|-----------------------------------------------------------------|------------------------|
| you want to add user IDs to the program group                   | step <a href="#">2</a> |
| you want to add segment IDs or package IDs to the program group | step <a href="#">9</a> |

- 2 Select the Users folder in the Administration Container Tree.  
*The Contents table is populated with the users in the APS database.*
- 3 Select a user ID in the Contents table to be copied into the program group.  
**Note 1:** If the user is to have the ability to view language version folders, add the user to the Admin program group.  
**Note 2:** The Admin user must not be a member of any program group other than the Admin program group.
- 4 Click the Copy button on the menu tool bar.
- 5 Select the Program Groups folder in the Administration Container Tree.  
*The Contents table is populated with the program groups in the APS database.*
- 6 Select a program group in the Contents table.
- 7 Click the Paste button on the menu tool bar.

- 8** Determine whether you want to add other user IDs to the program group.
- 
- | <b>If</b>                                                 | <b>Do</b>               |
|-----------------------------------------------------------|-------------------------|
| you want to add other user IDs to the program group       | step <a href="#">3</a>  |
| you don't want to add other user IDs to the program group | step <a href="#">15</a> |
- 
- 9** Click the Filter button in the Provisionable Entities panel. The Segments Filter Dialog window opens.
- 10** Determine whether you want to add segment IDs or package IDs to the program group.
- 
- | <b>If</b>                                        | <b>Do</b>               |
|--------------------------------------------------|-------------------------|
| you want to add segment IDs to the program group | step <a href="#">11</a> |
| you want to add package IDs to the program group | step <a href="#">12</a> |
- 
- 11** Click the Include Segments Only radio button.
- a** Select the type of segments to be included by checking the appropriate boxes.
- Note:** The system default is to include all segments if you don't check any of the boxes.
- b** Click OK.
- The Provisionable Entities table is populated with audio packages in the APS database of the type that you selected.*
- c** Select the appropriate ID in the Provisionable Entities table to be copied to the Program Group.
- d** Click the Copy button on the menu tool bar. Go to step [13](#).
- Note 1:** To add the segment IDs, you must be a member of the program group to which the segment IDs are being added. If necessary, log out and then log back in as an appropriate user.
- Note 2:** The Admin user must not be a member of any program group other than the Admin program group.
- 12** Click the Include Packages Only radio button.
- a** Click OK.

*The Provisionable Entities table is populated with audio packages in the APS database.*

- b** Select the appropriate ID in the Provisionable Entities table to be copied to the Program Group.
- c** Click the Copy button on the menu tool bar.

**Note 1:** To add the package IDs, you must be a member of the program group to which the package IDs are being added. If necessary, log out and then log back in as an appropriate user.

**Note 2:** The Admin user must not be a member of any program group other than the Admin program group.

- 13** Select the Program Groups folder in the Administration Container Tree.

*The Contents table is populated with the program groups in the APS database.*

- 14** Select a program group in the Contents table.
- 15** You have completed this procedure.

## Cutting user IDs, segment IDs, or package IDs from a program group

This procedure enables you to cut segment IDs, package IDs, or user IDs from an existing program group.

**Note:** You can both add and cut user IDs, package IDs, and segment IDs at the same time.

### Cutting user IDs, segment IDs, or package IDs from a program group

#### At the APS Administration Tool screen

- 1 Expand the Program Groups folder in the Administration Container Tree.  
*The Administration Container Tree is populated with the program groups in the APS database.*
- 2 In the Administration Container Tree, click the program group that contains the user ID, segment ID, or package ID to be cut.  
*The Contents table is populated with the contents of the selected program group.*
- 3 Select a user ID, segment ID, and/or package ID in the Contents table to be cut from the program group.
- 4 Click the Cut button on the menu tool bar.  
*The Cut Entity from Administrative Entity Warning window opens.*

---

**If**
**Do**

you want to Cancel

step [5](#)

you want to Submit the operation

step [7](#)

- 5 Click Cancel. Go to step [11](#).

- 6 Click OK.

*The Cut Entity from Administrative Entity window opens.*

---

**If**
**Do**

you wish to view detail about the operation

step [7](#)

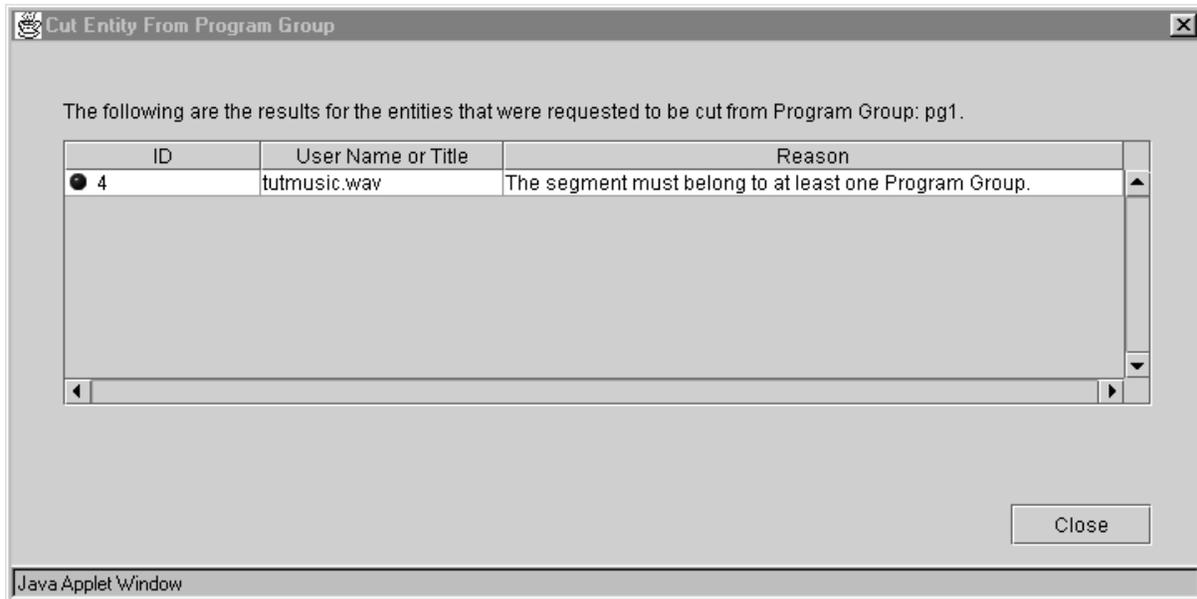
you don't wish to view detail about the operation

step [10](#)

- 7 Click View Detail.

The *Cut Entity from Program Group* window opens.

### Cut Entity from Program Group window



#### a Examine the detail.

##### If

you were unable to cut a segment or package ID because they would, as a result, no longer be associated with any program group

the operation was successful, or the operation was unsuccessful because you selected an invalid entity ID or due to an unspecified database error

##### Do

step [8](#)

step [10](#)

- 8** Click Close in the Cut Entity from Program Group window.
  - a** Create a temporary program group to contain the entities that you are trying to cut. Ensure that you also add a user to the program group. For more information, see the procedure [Creating a program group on page 156](#).
  - b** Perform this procedure again, starting at step [1](#).
- 9** Click Close in the Cut Entity from Program Group window.
- 10** Click Close in the Cut Entity from Administration Entity window.
- 11** You have completed this procedure.

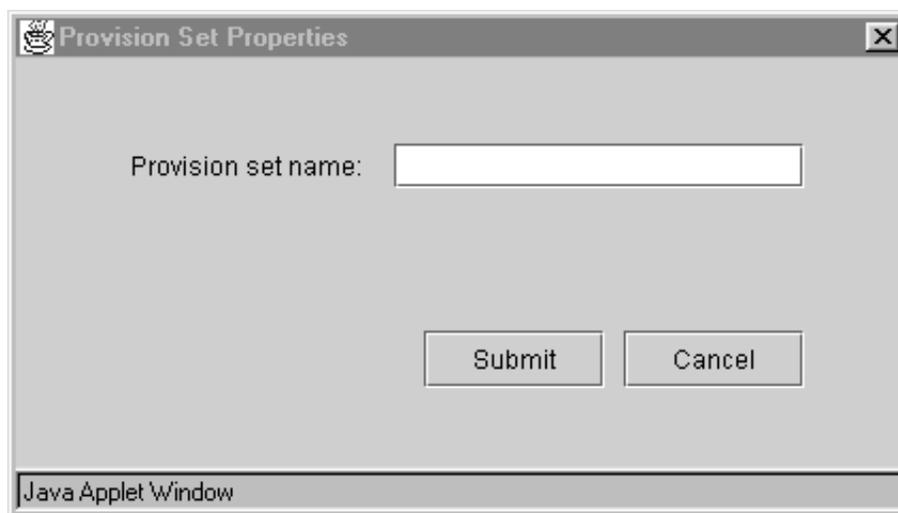
## Creating a provision set

### Creating a provision set

#### At the APS Administration Tool screen

- 1 Select the Provision Sets folder in the Administration Container Tree.
- 2 Click the New button on the menu tool bar.  
*The Provision Set Properties window opens.*

#### Provision Set Properties window



- a Enter the new Provision Set name.

| If                                     | Do                     |
|----------------------------------------|------------------------|
| you want to Submit the new information | step <a href="#">4</a> |
| you want to Cancel the new information | step <a href="#">3</a> |

- 3 Click Cancel. Go to step [13](#).
- 4 Click Submit.

- 5** Determine whether you want to add program groups to the new provision set.

---

**If**

you only want to add a provision set

**Do**

step [13](#)

you want to add program groups to the new provision set

step [6](#)

- 
- 6** Select the Program Groups folder in the Administration Container Tree.

*The Contents table is populated with the program groups in the APS database.*

- 7** Select a program group in the Contents table to be copied into the new provision set.

- 8** Click the Copy button on the menu tool bar.

- 9** Select the Provision Sets folder in the Administration Container Tree.

*The Contents table is populated with the provision sets in the APS database.*

- 10** Select the new provision set in the Contents table.

- 11** Click the Paste button on the menu tool bar.

- 12** Determine whether you want to add other program groups to the new provision set.

---

**If**

you want to add other program groups to the new provision set

**Do**

step [6](#)

you don't want to add other program groups to the new provision set

step [13](#)

- 
- 13** You have completed this procedure.

---

## Listing provision sets

---

### Listing provision sets

#### ***At the APS Administration Tool Screen***

- 1** Expand the Provision Sets folder in the Administration Container Tree.

*A list of provision sets appears in the Administration Container Tree.*

- 2** In the Administration Container Tree, expand the provision set whose contents you wish to view.

*The Contents table is populated with the contents of the selected provision set.*

- 3** You have completed this procedure.

## Deleting a provision set

This procedure enables you to delete a provision set from the database.

**Note:** You cannot remove a provision set that is associated with a UAS node. Thus, you must first remove the provision set references to the node.

### Deleting a provision set

#### *At the APS Administration Tool screen*

- 1 Select the Provision Sets folder in the Administration Container Tree.

*The Contents table is populated with the provision sets in the APS database.*

- 2 Scroll through the Contents table and select the provision set to be deleted.

- 3 Click the Delete button on the menu tool bar.

*The Delete Provisionable Entity Warning window opens.*

| If                                                     | Do                     |
|--------------------------------------------------------|------------------------|
| you want to delete the provision set from the database | step <a href="#">4</a> |
| you want to cancel the delete operation                | step <a href="#">5</a> |

- 4 Click OK.

**Note:** If an “ASAM Provisional Entity List” displays indicating that the provision set cannot be deleted because it is associated with a UAS node, the UAS node can be deleted. See [Cutting a provision set from a UAS node on page 182](#).

- a Go to step [6](#).
- 5 Click Cancel.
- 6 You have completed this procedure.

---

## Adding program groups to a provision set

---

### Adding program groups to a provision set

#### *At the APS Administration Tool screen*

- 1 Select the Program Groups folder in the Administration Container Tree.  
*The Contents table is populated with the program groups in the APS database.*
- 2 Select a program group in the Contents table to be copied into the provision set.
- 3 Click the Copy button on the menu tool bar.
- 4 Select the Provision Sets folder in the Administration Container Tree.  
*The Contents table is populated with the provision sets in the APS database.*
- 5 Select a provision set in the Contents table.
- 6 Click the Paste button on the menu tool bar.
- 7 You have completed this procedure.

## Cutting program groups from a provision set

### Cutting program groups from a provision set

#### At the *APS Administration Tool* screen

- 1 Expand the Provision Sets folder in the Administration Container Tree.

*The Administration Container Tree is populated with the provision sets in the APS database.*

- 2 In the Administration Container Tree, select the provision set that contains program group whose association with the provision set is to be cut.

*The Contents table is populated with the contents of the selected provision set.*

- 3 Select a program group in the Contents table to be cut from the provision set.

- 4 Click the Cut button on the menu tool bar.

*The Cut Entity from Administrative Entity Warning window opens.*

---

**If****Do**

---

you want to Submit the request to cut the program group

step [5](#)

you want to Cancel the request

step [6](#)

---

- 5 Click OK. Go to step [7](#).
- 6 Click Cancel.
- 7 You have completed this procedure.

## Creating a UAS node

### Creating a UAS node

#### At the APS Administration Tool screen

- 1 Select the Nodes folder in the Administration Container Tree.
- 2 Click the New button on the menu tool bar.

*The Node Properties window opens.*

### Node Properties window

**Node Properties**

Node Type:  Version:

Node name:  Last modified by:

IP address:  Last modified date:

**Last Provision Date**

Day:  Month:  Year:

**Misc**

Provision Enabled:

Last Provision Primary Language:

Last Provision Secondary Language:

Available Memory (KBytes):

Provision set size (Kbytes):

Prov. set size as % of avail. memory:

**3** Enter the following information.

- Note Type

**Note:** Select UAS.

- Node Name
- IP Address
- Last Provision Date

**Note 1:** All audio files in the APS database created on or after this date will be provisioned to the node.

**Note 2:** When a node is added, the system default date is entered as the Last Provision Date. You can change the date by clicking the Day, Month, and Year list buttons, respectively, and selecting an entry in each list.

- Provision Enabled (located in the “Misc” panel)

| If                                     | Do                     |
|----------------------------------------|------------------------|
| you want to Cancel                     | step <a href="#">4</a> |
| you want to Submit the new information | step <a href="#">5</a> |

**4** Click Cancel. Go to step [7](#).**5** Click Submit.**6** Determine whether you want to add a provision set to the new UAS node.

| If                                                  | Do                                                                         |
|-----------------------------------------------------|----------------------------------------------------------------------------|
| you only want to add a new UAS node                 | step <a href="#">7</a>                                                     |
| you want to add a provision set to the new UAS node | Procedure <a href="#">Adding a provision set to a UAS node on page 181</a> |

**7** You have completed this procedure.

## Listing UAS nodes

---

### Listing UAS nodes

#### ***At the APS Administration Tool Screen***

- 1 Select the Nodes folder in the Administration Container Tree.  
*The Contents table is populated with the UAS nodes in the APS database.*
- 2 You have completed this procedure.

## Deleting a UAS node

### Deleting a UAS node

#### At the *APS Administration Tool* screen

1 Select the Nodes folder in the Administration Container Tree.  
*The Contents table is populated with the nodes in the APS database.*

2 Scroll through the Contents table and select the node to be deleted.

3 Click the Delete button on the menu tool bar.  
*The Delete Provisionable Entity Warning window opens.*

---

| <b>If</b>                                         | <b>Do</b>              |
|---------------------------------------------------|------------------------|
| you want to delete the UAS node from the database | step <a href="#">4</a> |
| you want to cancel the delete operation           | step <a href="#">5</a> |

---

4 Click OK. Go to step [7](#).

5 Click Cancel.

6 Ensure that the directory associated with the UAS node is removed.

a Open a telnet window to the APS and log in as “root.”

b Change directory to PROV\_data:

```
cd /PROV_data
```

c Remove the directory associated with the UAS node that you are deleting by entering the following:

```
rm -rf <name of the UAS node you are deleting>
```

7 You have completed this procedure.

## Enabling provisioning of a UAS node

### Enabling provisioning of a UAS node

#### At the *APS Administration Tool* screen

- 1 Select the Nodes folder in the Administration Container Tree.

*The Contents table is populated with nodes in the APS database.*

- 2 Determine whether you want to change the Last Provision Date for the node. All audio files in the APS database created on or after this date will be distributed to the node during the next audio distribution cycle.

**Note:** In the event that a complete re-installation of a node is required due to an error condition, resetting the Last Provision Date to the system default will ensure that all audio files provisioned in the APS database will be restored to the node.

| If                                                            | Do                     |
|---------------------------------------------------------------|------------------------|
| you want to change the Last Provision Date for the node       | step <a href="#">3</a> |
| you don't want to change the Last Provision Date for the node | step <a href="#">7</a> |

- 3 Click the node entry in the Contents table.
  - a Click the Edit button on the menu tool bar.

*The Node Properties window opens.*

- 4 In the Last Provision Date panel determine the date that you wish to use.

| If                                                                                 | Do                     |
|------------------------------------------------------------------------------------|------------------------|
| you want to change the Last Provision Date to the system default                   | step <a href="#">5</a> |
| you want to change the Last Provision Date to a date other than the system default | step <a href="#">6</a> |

- 5 Click the Reset button in the Last Provision Date panel.
 

*The Last Provision Date is filled with the system default date.*

  - a Click Submit.
  - b Go to step [7](#).

- 6** Click the Day, Month, and Year list buttons, respectively, and select an entry in each list.
  - a** Click Submit.
- 7** Click the Enable column box associated with the UAS node for which provisioning is to be enabled.

*A check mark appears in the Enable column box.*
- 8** You have completed this procedure.

---

## Disabling provisioning of a UAS node

---

### Disabling provisioning of a UAS node

#### *At the APS Administration Tool screen*

- 1 Select the Nodes folder in the Administration Container Tree.  
*The Contents table is populated with nodes in the APS database.*
- 2 Click the Enable column box associated with the UAS node for which provisioning is to be disabled.  
*The check mark in the Enable column box disappears.*
- 3 You have completed this procedure.

---

## Provisioning a UAS node

---

This procedure describes how to provision a UAS node. Although this procedure manually starts the provisioning process, there can be a delay of up to five minutes before the process actually starts.

**Note:** If, when you are attempting to provision a node, a dialog box displays with the message, “A non-zero error code was detected while provisioning audio; Please see your next line of support,” connection from the APS to the UAS node cannot be made. The most common reasons for the error condition include:

- UAS call processing is not running; call processing must be running on the UAS node being provisioned with audio
- another provisioner is already running; two provisioners cannot run simultaneously
- the audio being provisioned to the node was not properly set up; for example, a provision set was not defined for the node to which the set is being provisioned
- the UAS node has not been configured with the host name and IP address of the APS (to configure the APS hostname and IP address in the UAS node, use the procedure [Modifying configuration parameters through the Local Configuration Interface GUI on page 90](#), ensuring that the “Primary DB Server Host” and “Primary DB Service IP” fields in the Local Configuration Interface GUI screen)

### Provisioning a UAS node

#### ***At the APS Administration Tool screen***

- 1 Select the Nodes folder in the Administration Container Tree.  
*The Contents table is populated with UAS nodes in the APS database.*
- 2 Determine whether you want to change the Last Provision Date for the node. All audio files in the APS database created on or after this date will be distributed to the node during the next audio distribution cycle.

**Note:** In the event that a complete re-installation of a node is required due to an error condition, resetting the Last Provision

Date to the system default will ensure that all audio files provisioned in the APS database will be restored to the node.

| If                                                            | Do                     |
|---------------------------------------------------------------|------------------------|
| you want to change the Last Provision Date for the node       | step <a href="#">3</a> |
| you don't want to change the Last Provision Date for the node | step <a href="#">7</a> |

- 3 Click the node entry in the Contents table.
  - a Click the Edit button on the menu tool bar.  
*The Node Properties window opens.*
- 4 In the Last Provision Date panel determine the date that you wish to use.
 

| If                                                                                 | Do                     |
|------------------------------------------------------------------------------------|------------------------|
| you want to change the Last Provision Date to the system default                   | step <a href="#">5</a> |
| you want to change the Last Provision Date to a date other than the system default | step <a href="#">6</a> |
- 5 Click the Reset button in the Last Provision Date panel.  
*The Last Provision Date is filled with the system default date.*
  - a Click Submit.
  - b Go to step [7](#).
- 6 Click the Day, Month, and Year list buttons, respectively, and select an entry in each list.
  - a Click Submit.
- 7 In the Contents table, select the UAS node to be provisioned.
- 8 If the UAS node is not already enabled, click the Enable column box associated with the node.  
*A check mark appears in the Enable column box.*
- 9 Click the Provision Node button on the menu tool bar.  
*The Provision Node window opens.*
- 10 Click OK.
 

**Note:** If, when you are attempting to provision a node, a dialog box displays with the message, "Node provisioning request could not be processed; There is already a

provisioning process running; Please try again,” the provisioning process has exceeded the 20-minute timeout for the HTTP request. This timeout is a feature of the APS web server. You can expect this dialog to display when you are attempting to provision a UAS with a large number of audio files and when the provisioning process takes more than 20 minutes to complete. Ignore this message, however, because the provisioning process will eventually complete. Click OK to dismiss the dialog box.

- 11** You have completed this procedure.

---

## Adding a provision set to a UAS node

---

### Adding a provision set to a UAS node

#### *At the APS Administration Tool screen*

- 1** Select the Provision Sets folder in the Administration Container Tree.  
*The Contents table is populated with the provision sets in the APS database.*
- 2** Select a provision set in the Contents table to be copied into the new UAS node.
- 3** Click the Copy button on the menu tool bar.
- 4** Select the Nodes folder in the Administration Container Tree.  
*The Contents table is populated with the UAS nodes in the APS database.*
- 5** Select the UAS node in the Contents table to which the provision set is to be added.
- 6** Click the Paste button on the menu tool bar.
- 7** You have completed this procedure.

## Cutting a provision set from a UAS node

### Cutting a provision set from a UAS node

#### At the APS Administration Tool screen

- 1 Expand the Nodes folder in the Administration Container Tree.  
*The Administration Container Tree is populated with UAS nodes in the APS database.*
- 2 In the Administration Container Tree, click the UAS node from which a provision set is to be cut.  
*The contents table is populated with provision sets contained by the specified UAS node.*
- 3 In the Contents table, select the provision set to be deleted.
- 4 Click the Cut button on the menu tool bar.  
*The Cut Entity from Administrative Entity Warning window opens.*

---

**If****Do**

---

you want to cut the provision set from the UAS node

step [5](#)

you want to cancel

step [6](#)

---

- 5 Click OK. Go to step [7](#).
- 6 Click Cancel.
- 7 You have completed this procedure.

---

## Adding audio to the database

---

### Adding audio to the database

#### *At the APS Audio Management Tool screen*

- 1 Click the File Upload button on the menu tool bar. For more information, see the procedure [Uploading audio files on page 189](#).
- 2 Include import segments only. For more information, see the procedure [Importing physical segments on page 195](#).
- 3 Import the uploaded audio files to the APS database. For more information, see the procedure [Importing physical segments on page 195](#).
- 4 Include physical segment only. For more information, see the procedure [Filtering physical segments on page 192](#).
- 5 You have completed this procedure.

---

## Adding audio to a language folder

---

### Adding audio to a language folder

#### *At the APS Audio Management Tool screen*

- 1 Select a language version subfolder with a selector type of Variable Audio.
- 2 Click the Bulk Import button to add physical segments to the language version folder. For more information, see the procedure [Adding physical segments to a language version folder on page 259](#).  

**Note:** Performing a bulk import of segments to language version folder is a database-, cpu-, and network-intensive operation. Therefore, bulk import operations should be coordinated in order to minimize the impact on APS GUI users.
- 3 You have completed this procedure.

---

## Deleting audio from the database

---

### Deleting audio from the database

#### *At the APS Audio Management Tool screen*

- 1 Click the Find button on the menu tool bar. For more information, see the procedure [Finding provisionable entities on page 265](#).
- 2 Cut the provisionable entities from the container. For more information, see the procedure [Cutting a segment from a container on page 271](#).
- 3 Click the Delete button on the menu tool bar. For more information, see the procedure [Deleting a provisionable entity on page 268](#).
- 4 You have completed this procedure.

---

## Provisioning audio in multiple languages

---

Audio can be provisioned in multiple languages. For example, to create the phrase, “Today is Monday,” an audio set is created. The set type in the audio set is specified as “weekday.” Then the audio physical segment, “Today is <selector value>,” is added to the audio set with a selector value, “Monday.” In order to provision the set, the selector value must be specified as the default. When the audio physical segment is added, an audio variable must be created. For the phrase above, the audio variable type would be specified as “weekday” and the subtype as “Monday.” The default language in which “Monday” is to be played, and any required variable values, would then be specified. The audio variable, as defined, would thus reference the language version folder for the correct recording of the audio. The audio variable would then be added to the set.

The same process would be followed for each language in which “Monday” is to be played. Each set could then be added to an audio sequence. At runtime the information would then be provisioned to a UAS or gateway and the audio physical segment would be played in the order specified for the sequence, in the language specified.

### Provisioning audio in multiple languages

#### *At the APS Audio Management Tool screen*

- 1 Create an audio set and specify a set type. For more information, see the procedure [Creating audio sets on page 221](#).
- 2 Add segments to the set and specify selector values and a default set element. For more information, see the procedure [Adding segments to an audio set on page 223](#).
- 3 Create an audio variable and specify the variable type, variable subtype, default language, and variable value. For more information, see the procedure [Creating audio variables on page 243](#).
- 4 Bulk add the segments to a language version folder. For more information, see the procedure [Adding physical segments to a language version folder on page 259](#).
- 5 Add the audio variable to the audio set. For more information, see the procedure [Adding segments to an audio set on page 223](#).
- 6 Add the audio set to the audio sequence. For more information, see the procedure [Adding segments to an audio sequence on page 237](#).

- 7 Reorder the elements of the sequence. For more information, see the procedure [Reordering sequence elements on page 239](#).
- 8 You have completed this procedure.

---

## Building an export package

---

### Building an export package

#### *At the APS Audio Management Tool screen*

- 1 Upload the audio files from the client machine to the APS. For more information, see the procedure [Uploading audio files on page 189](#).
- 2 Import the uploaded audio files to the APS database. For more information, see the procedure [Importing physical segments on page 195](#).
- 3 Set the physical segments filter to include only physical segments. For more information, see the procedure [Filtering physical segments on page 192](#).
- 4 Create a new audio sets folder. For more information, see the procedure [Creating audio sets on page 221](#).
- 5 Add physical segments to the audio sets folder. For more information, see the procedure [Adding segments to an audio set on page 223](#).
- 6 Add the simple set to an audio package. For more information, see the procedure [Adding simple sets to an export package on page 210](#).
- 7 Add physical segments to an audio package. For more information, see the procedure [Adding physical segments to an export package on page 209](#).
- 8 Lock the audio package. For more information, see the procedure [Locking and unlocking an export package on page 207](#).
- 9 Export the audio package. For more information, see the procedure [Exporting audio packages on page 214](#).
- 10 FTP the export file from your export directory to a remote gateway. For more information, see the procedure [Distributing audio packages on page 217](#).
- 11 You have completed this procedure.

---

## Uploading audio files

---

This procedure enables you to upload individual audio files and zip files containing multiple audio files from the client machine to the APS. Up to five files can be uploaded at one time, with a total uploaded file size of 5MB allowed. The audio files are uploaded either to your import directory or to your bulk import directory.

**Note 1:** Files can be zipped using any standard WinZip software. After uploading is complete, the audio management software automatically unzips the zipped files.

**Note 2:** Only language-specific variables with special, reserved file names (for example, eng0, the file name for “zero” spoken in English in a rising tone) can be imported from the bulk import directory.

**Note 3:** Complex announcements for features like Call Forwarding Remote Access (CFRA) cannot be imported from the bulk import directory.

### Uploading audio files

#### ***At the APS Audio Management Tool screen***

- 1 Click the File Upload button on the menu tool bar.  
*The APS File Upload page opens in a new browser window.*

## APS File Upload window

### APS File Upload

Please select the file/s you want to upload - use the BROWSE button

|                                     |  |           |
|-------------------------------------|--|-----------|
| Select an audio file (aud, zip,...) |  | Browse... |
| Select an audio file (aud, zip,...) |  | Browse... |
| Select an audio file (aud, zip,...) |  | Browse... |
| Select an audio file (aud, zip,...) |  | Browse... |
| Select an audio file (aud, zip,...) |  | Browse... |

Please choose the directory you want the file/s uploaded to

▾

- 2 Enter up to five files that reside on the client file system.
- 3 Specify if the files are uploaded to the import or bulk import directory.
- 4 Click the Upload File(s) button to upload the specified files to the APS.

**Note:** Further action must not be taken until the system completes uploading the selected files to the APS.

*The system uploads the files to the APS, and if any of the files have the .ZIP extension, the system extracts the files contained in the file. The files appear in the import or bulk import directory.*

- 5 In the APS File Upload Result window, the system displays the file name, file content, and file size for each specified file, and also the number of files that it has unzipped. Examine this information to ensure that the files were uploaded correctly.

Check for non-zero file sizes and ensure that all the .ZIP files have been extracted.

- 6** Click the Exit button on the menu tool bar.
- 7** You have completed this procedure.

---

## Filtering physical segments

---

This procedure enables you to set the filter for the Physical Segments table to display a selected range, or type, of physical segments in the database.

You can enter an asterisk (\*), as a wildcard, for either the start ID or the end ID, when specifying a range of physical segments. Entering an asterisk for both the start ID and the end ID of the range indicates all items. Entering either a start ID that is greater than the end ID or an invalid value causes an error. The start ID and end ID fields are only enabled when Include Physical Segments Only is selected in the Physical Segments Filter Dialog screen.

Although you can specify either that only import segments or only physical segments will display, you can specify only for physical segments that either the latest version or all versions will display.

### Filtering physical segments

#### ***At the APS Audio Management Tool screen***

- 1 Click the Filter button in the Physical Segments panel.  
*The Physical Segments Filter window opens.*

## Physical Segments Filter window

Physical Segments Filter Dialog

Include Segments

Include Import Segments Only       Include Physical Segments Only

ID Range

Start ID: \*      End ID: \*

Include Versions

Latest Version Only       All Versions

OK      Cancel

Warning: Applet Window

| If                                         | Do                     |
|--------------------------------------------|------------------------|
| you want to include physical segments only | step <a href="#">2</a> |
| you want to include import segments only   | step <a href="#">3</a> |
| you want to cancel                         | step <a href="#">4</a> |

- 2 Click the Include Physical Segments Only radio button.
  - a Enter a start ID and an end ID, or keep the default.
  - b Click the radio button to include latest versions or click the radio button to include all versions.
  - c Click OK.

*The Physical Segments table is populated with the physical segments of the type you specified.*

**Note:** If you enter an invalid filter setting, click OK in the Invalid Filter Settings window. Repeat step 2a.



---

## Importing physical segments

---

This procedure enables you to import a physical segment, uploaded from a client machine, into the database.

### Importing physical segments

#### *At the APS Audio Management Tool screen*

- 1 Click the Filter button in the Physical Segments panel.  
*The Physical Segments Filter window opens.*
- 2 Click the Include Import Segments Only radio button.
- 3 Click OK.
- 4 Select an import segment in the Physical Segments table.  
**Note:** To select more than one import segment hold down the Shift or Ctrl key on your keyboard and click with your left mouse button.
- 5 Click the Import button on the menu tool bar.  
*The Physical Segment Property window opens.*

## Physical Segment Property window

Physical Segment Property

ID:   User specified

Version:

Alias:

Title:

Audio file name:

Format:

Language:

Keep in cache

Description:

Originator:

Origination date:

Last modified by:

Last modified date:

Recording date (mm/dd/yyyy):

Voice talent:

Release notes:

User Defined Field 1

Field type:

Field value:

User Defined Field 2

Field type:

Field value:

Java Applet Window

### 6 Enter the following information about the physical segment.

- ID
- Alias
- Title
- Format (mandatory)  
**Note: If the segment is to played on a UAS, the segment must be in G.711 mu-law or a-law format.**
- Language
- Keep in cache
- Description
- Recording Date (mandatory)
- Voice Talent

- Release Notes
- User Defined Field 1
- User Defined Field 2

| If                               | Do                     |
|----------------------------------|------------------------|
| you want to cancel               | step <a href="#">7</a> |
| you want to submit the operation | step <a href="#">8</a> |

**7** Click Cancel. Go to step [10](#).

**8** Click Submit.

| If                                                              | Do                                                                                   |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|
| you entered an invalid or non-unique alias                      | Procedure <a href="#">Correcting an invalid or non-unique alias on page 272</a>      |
| you entered an invalid or non-unique segment ID                 | Procedure <a href="#">Correcting an invalid or non-unique segment ID on page 274</a> |
| you entered both an invalid alias and an invalid segment ID     | Procedure <a href="#">Correcting invalid aliases and segment IDs on page 276</a>     |
| you entered both a non-unique alias and a non-unique segment ID | Procedure <a href="#">Correcting non-unique aliases and segment IDs on page 277</a>  |
| the operation was successful                                    | step <a href="#">9</a>                                                               |

**9** Verify that the segment has been imported.

- a** Click the Filter button in the Physical Segments panel.  
*The Physical Segments Filter window opens.*
- b** Click the Include Physical Segments Only radio button.
- c** Enter a Start ID and End ID to narrow your search.

**Note:** You can enter the ID shown in the Import Physical Segment Result window in the Start ID and End ID fields to cause the physical segment just imported to display in the Physical Segments table.

- d** Click either the include Latest Version Only or All Versions radio button.
- e** Click OK.

*The Physical Segments table is populated with the physical segments in the database that match the filter criteria you have specified.*

- f** Look in the Physical Segments table for your imported physical segment.
- 10** You have completed this procedure.

## Editing physical segment properties

### Editing physical segment properties

#### *At the APS Audio Management Tool screen*

- 1 Select the physical segment you want to edit in the Physical Segments table, the Contents table, or the Audio Container tree.
- 2 Click the Edit button on the menu tool bar.  
*The Physical Segment Property window opens.*
- 3 Enter changes for the following information about the physical segment.
  - ID
  - Alias
  - Title
  - Release Notes
  - Format
  - Language
  - Keep in cache
  - Description
  - Recording Date
  - Voice Talent
  - User Defined Field 1
  - User Defined Field 2

| <b>If</b>                        | <b>Do</b>              |
|----------------------------------|------------------------|
| you want to cancel               | step <a href="#">4</a> |
| you want to submit the operation | step <a href="#">5</a> |

- 4 Click Cancel. Go to step [6](#).
- 5 Click Submit.

| <b>If</b>                                  | <b>Do</b>                                                                       |
|--------------------------------------------|---------------------------------------------------------------------------------|
| you entered an invalid or non-unique alias | Procedure <a href="#">Correcting an invalid or non-unique alias on page 272</a> |
| the operation was successful               | step <a href="#">6</a>                                                          |

**6** You have completed this procedure.

## Replacing audio

This procedure enables you to replace an existing physical segment with audio in the import directory.

### Replacing audio

#### *At the APS Audio Management Tool screen*

- 1 Select a physical segment in the Physical Segments table, the Contents table, or the Audio Container tree.
- 2 Click the Replace Audio button on the menu tool bar.

*The Replace Audio window opens with the segment ID and the list of available audio segments in the user's import directory.*

### Replace Audio window

Replace Audio

Segment ID: 38

Import Audio File Name:

ID 0: 548\_dtmf1231234.raw

Format: MUPCM mulaw physical

Submit Cancel

Java Applet Window

- 3 Select an audio file in the Import Audio File Name audio list to replace the file in the database.

- 4 Select the format of the new audio file.

---

| <b>If</b>                        | <b>Do</b>              |
|----------------------------------|------------------------|
| you want to submit the operation | step <a href="#">5</a> |
| you want to cancel               | step <a href="#">6</a> |

---
- 5 Click Submit.
  - a Click Refresh in the Physical Segments panel.  
*The version number of the replaced audio is updated.*
  - b Go to step [7](#).
- 6 Click Cancel.
- 7 You have completed this procedure.

## Cloning a physical segment

This procedure enables you to clone a physical segment in order to create either a new physical segment with a new ID or a new version of the current physical segment. The audio associated with the new physical segment is the same as that of the cloned physical segment.

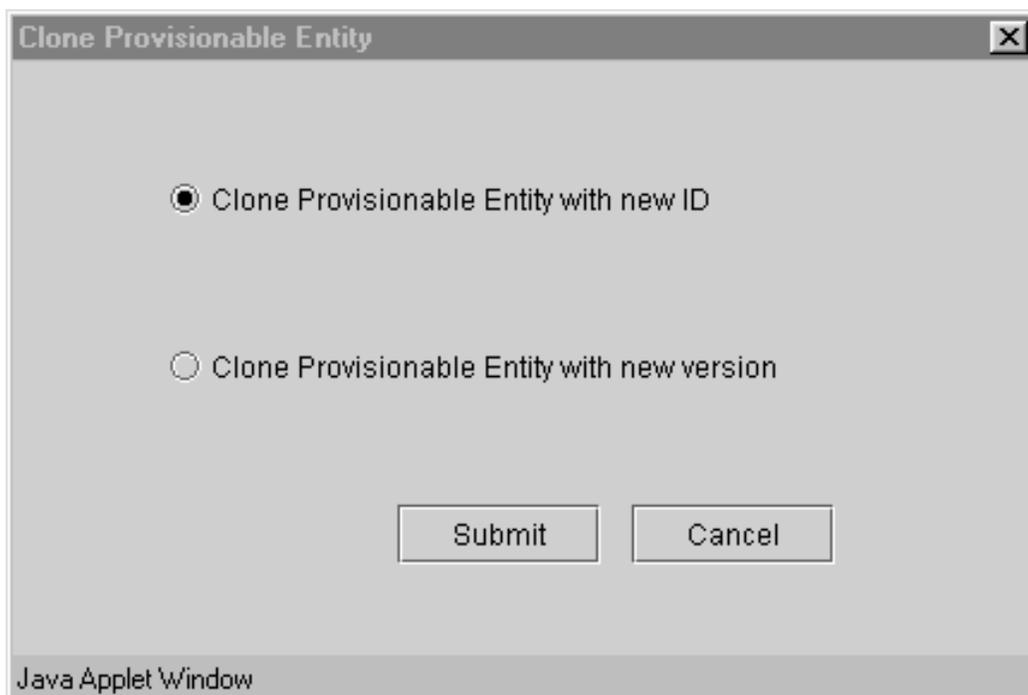
By default, a maximum of three versions of a physical segment can be stored in the database. The Maximum Physical Segment Versions system parameter can, however, be changed in the database.

### Cloning a physical segment

#### *At the APS Audio Management Tool screen*

- 1 Select a physical segment in the Audio Container Tree, the Contents table, or the Physical Segments table.
- 2 Click the Clone button on the menu tool bar.  
*The Clone Provisionable Entity window opens.*

### Clone Provisionable Entity window



| <b>If</b>                                                       | <b>Do</b>                                                                                                                                                                                 |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| you want to clone the provisionable entity with a new ID        | step <a href="#">3</a>                                                                                                                                                                    |
| you want to clone a provisionable entity with a new version     | step <a href="#">4</a>                                                                                                                                                                    |
| you want to cancel                                              | step <a href="#">5</a>                                                                                                                                                                    |
| <b>3</b>                                                        | <p>Click Submit.</p> <p><i>The Clone Provisionable Entity window opens.</i></p> <p><b>a</b> Enter an Alias and Segment ID for the new physical segment.</p> <p><b>b</b> Click Submit.</p> |
| <b>If</b>                                                       | <b>Do</b>                                                                                                                                                                                 |
| you entered an invalid or non-unique alias                      | Procedure <a href="#">Correcting an invalid or non-unique alias on page 272</a>                                                                                                           |
| you entered an invalid or non-unique segment ID                 | Procedure <a href="#">Correcting an invalid or non-unique segment ID on page 274</a>                                                                                                      |
| you entered both an invalid alias and an invalid segment ID     | Procedure <a href="#">Correcting invalid aliases and segment IDs on page 276</a>                                                                                                          |
| you entered both a non-unique alias and a non-unique segment ID | Procedure <a href="#">Correcting non-unique aliases and segment IDs on page 277</a>                                                                                                       |
| the operation was successful                                    | step <a href="#">6</a>                                                                                                                                                                    |
| <b>4</b>                                                        | <p>Click the Clone Provisionable Entity with new version radio button.</p> <p><b>a</b> Click Submit. Go to step <a href="#">6</a>.</p>                                                    |
| <b>5</b>                                                        | Click Cancel.                                                                                                                                                                             |
| <b>6</b>                                                        | You have completed this procedure.                                                                                                                                                        |

## Creating an export package

### Creating an export package

#### At the APS Audio Management Tool screen

- 1 Select the Export Packages folder in the Audio Container tree.
- 2 Click the New button on the menu tool bar.

*The Audio Package Properties window opens with a Package ID of 0.*

#### Audio Package Properties window

The screenshot shows a Java Applet Window titled "Audio Package Properties". The window contains the following fields and values:

|                         |                     |                   |              |
|-------------------------|---------------------|-------------------|--------------|
| ID:                     | 0                   | Originator:       | admin        |
| Version:                | 0                   | Origination date: | May 14, 2001 |
| Alias:                  | 0                   | Last modified by: | N/A          |
| Title:                  | Default Title       |                   |              |
| Description:            | Default description |                   |              |
| Last exported by:       | N/A                 |                   |              |
| Last export date:       | N/A                 |                   |              |
| Lock status:            | Unlocked            |                   |              |
| Locked/unlocked by:     | N/A                 |                   |              |
| Package format version: | 2.1 a               |                   |              |

Buttons: Submit, Cancel

Java Applet Window

- 3 Enter the following information about the package.

- Alias
- Title

- Description
- Package Format Version

---

**If****Do**

you want to cancel

step [4](#)

you want to submit the operation

step [5](#)

---

**4** Click Cancel. Go to step [6](#).**5** Click Submit.

---

**If****Do**you entered an invalid or  
non-unique aliasProcedure [Correcting an  
invalid or non-unique alias on  
page 272](#)

the operation was successful

step [6](#)

---

**6** You have completed this procedure.

## Locking and unlocking an export package

This procedure enables you to lock and unlock an export package. An export package can be locked to prevent other users from making changes to it. An export package must be locked before it can be exported to a gateway. A locked export package must first be unlocked before it can be edited or before its content can be changed.

Each time that you unlock an export package, the system creates a new version in the database. By default, the database stores only three versions of an export package. The Maximum Package Versions system parameter can, however, be changed in the database.

**Note:** The same person who unlocks the package must also lock the package for export.

### Locking and unlocking an export package

#### *At the APS Audio Management Tool screen*

- 1 Select the Export Packages folder in the Audio Container tree.  
*The Contents table is populated with the export packages in the APS database.*
- 2 Click within the Locked box to lock or unlock the selected export package.  
*The Change Package Lock Status window opens.*

| If                                                                                                | Do                     |
|---------------------------------------------------------------------------------------------------|------------------------|
| you are attempting to lock an audio package and the audio package is already locked               | step <a href="#">3</a> |
| you are attempting to lock an audio package and the audio package is unlocked by a different user | step <a href="#">4</a> |
| you are attempting to lock an audio package and the audio package contains a non-simple set       | step <a href="#">5</a> |
| if the lock or unlock operation was successful                                                    | step <a href="#">6</a> |

- 3 An error dialog window opens.
  - a Read the error message.
  - b Click OK in the error dialog window.
  - c Go to step [2](#).

- 4** An error dialog window opens.
  - a** Read the error message.
  - b** Click OK in the error dialog window.
  - c** Inform the other user that you are locking the export package.
  - d** Go to step [7](#).
- 5** An error dialog window opens.
  - a** Read the error message.
  - b** Click OK in the error dialog window.
  - c** Cut the non-simple set from the export package. For more information, see the procedure [Cutting a segment from a container on page 271](#).
  - d** Go to step [7](#).
- 6** Click OK.
- 7** You have completed this procedure.

---

## Adding physical segments to an export package

---

This procedure enables you to add physical segments to an export package.

**Note:** A physical segment cannot be added to an export package when either the export package or the segment is invalid, or when the segment ID is out of the acceptable range for the format version of the export package.

### Adding physical segments to an export package

#### *At the APS Audio Management Tool screen*

- 1 Click the Refresh button in the Physical Segments panel.
- 2 Select a physical segment in the Physical Segments table.
- 3 Click the COPY button on the menu tool bar.
- 4 Select the Export Packages folder in the Audio Container tree.
- 5 Select an export package in the Contents table.
- 6 Unlock the export package if it is locked. For more information, see the procedure [Locking and unlocking an export package on page 207](#).
- 7 Click the Paste button on the menu tool bar.
- 8 You have completed this procedure.

---

## Adding simple sets to an export package

---

This procedure enables you to add simple sets (sets that contain only physical segments) to an export package.

### Adding simple sets to an export package

#### *At the APS Audio Management Tool screen*

- 1 Expand the Audio Sets folder in the Audio Container tree.
- 2 Select an audio set that contains only physical segments.  
*The Contents table is populated with the contents of the Audio Set.*
- 3 Click the Copy button on the menu tool bar.
- 4 Select the Export Packages folder in the Audio Container tree.
- 5 Select an export package in the Contents table.
- 6 Unlock the export package if it is locked. For more information, see the procedure [Locking and unlocking an export package on page 207](#).
- 7 Click the Paste button on the menu tool bar.
- 8 You have completed this procedure.

## Editing export package properties

### Editing export package properties

#### At the *APS Audio Management Tool* screen

1 Select the Export Packages folder in the Audio Container tree.  
*The Contents table is populated with the export packages in the APS database.*

2 Select an export package in the Contents table.

3 Click the Edit button on the menu tool bar.

*The Audio Package Properties window opens.*

4 Change any of the following information about the export package:

- Alias

**Note:** If you change the alias, it will change for all versions.

- Title
- Description

---

#### If

#### Do

you want to cancel

step [5](#)

you want to submit the operation

step [6](#)

5 Click Cancel. Go to step [7](#).

6 Click Submit.

---

#### If

#### Do

you entered an invalid or non-unique alias

Procedure [Correcting an invalid or non-unique alias on page 272](#)

the operation was successful

step [7](#)

7 You have completed this procedure.

## Cloning an export package

This procedure enables you to clone an export package in order to create either a new export package with a new ID or a new version of the current export package.

**Note:** By default, the database stores a maximum of three versions of an export package. The Maximum Package Versions system parameter can, however, be changed in the database.

### Cloning an export package

#### At the APS Audio Management Tool screen

- 1 Select the Export Packages folder in the Audio Container tree.  
*The Contents table is populated with a list of export packages.*
- 2 Select an export package in the Contents table that you want to clone.
- 3 Click the Clone button on the menu tool bar.  
*The Clone Provisionable Entity window opens.*

| If                                                      | Do                     |
|---------------------------------------------------------|------------------------|
| you want to clone the export package with a new ID      | step <a href="#">4</a> |
| you want to clone the export package with a new version | step <a href="#">5</a> |
| you want to cancel                                      | step <a href="#">6</a> |

- 4 Click Submit.  
*The Input window opens.*
  - a Enter the Alias for the new export package or leave it blank.
  - b Click OK. Go to step [7](#).
- 5 Click the Clone Provisionable Entity with new version radio button.

**Note 1:** If you are attempting to clone an export package with a new ID, this operation can be performed on either a locked or an unlocked export package.

**Note 2:** If you are attempting to clone the export package with a new version, this operation can be performed only on a locked export package. If the package is unlocked, first click the Cancel button in the Clone Provisionable Entity window,

lock the package (see the procedure [Locking and unlocking an export package on page 207](#)), and then click the Clone button on the menu tool bar. When the Clone Provisionable Entity window opens, click the Clone Provisionable Entity with new version radio button.

- a Click Submit. Go to step [7](#).
- 6** Click Cancel.
- 7** You have completed this procedure.

---

## Exporting audio packages

---

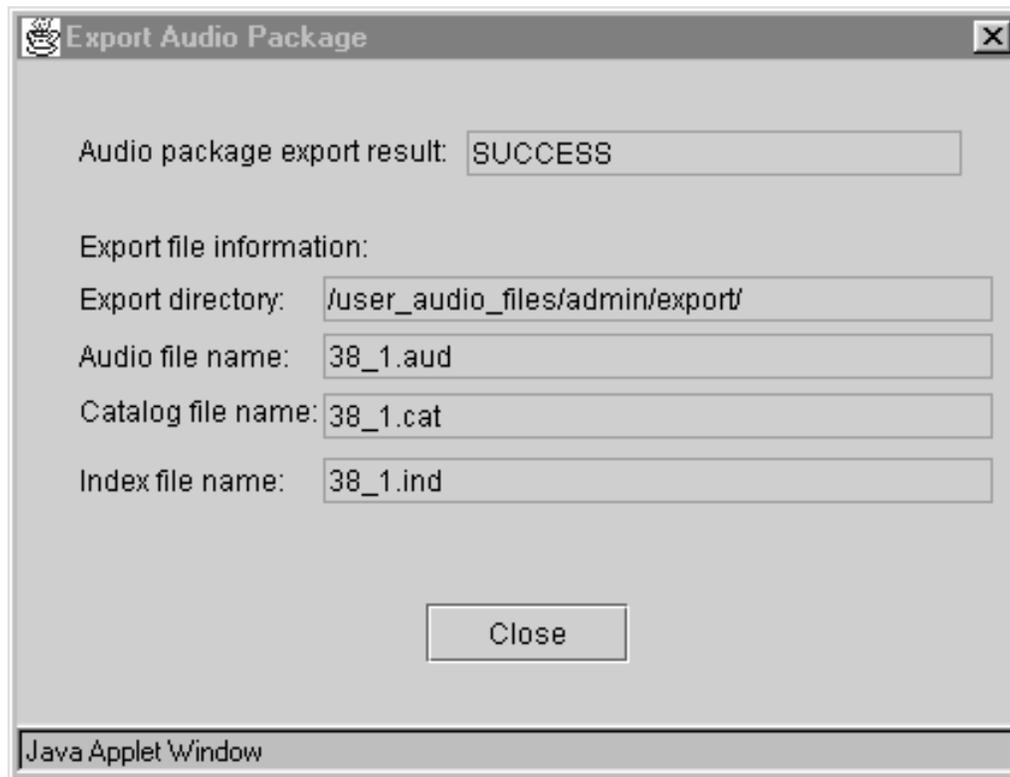
This procedure enables you to export any audio package that contains physical segments and simple sets (simple sets contain only physical segments) out of the database in files of a published format.

### Exporting audio packages

#### ***At the APS Audio Management Tool screen***

- 1 Select the Export Packages folder in the Audio Container tree.  
*The Contents table is populated with the export packages in the database.*
- 2 In the Contents table, select a locked audio package to export. (Lock the package if it is not locked; for more information, see the procedure [Locking and unlocking an export package on page 207.](#))
- 3 Click the Export button on the menu tool bar.  
*The Export Audio Package window opens.*
- 4 Enter the reason for exporting the audio package and then click OK.  
*The Export Audio Package window opens.*

## Export Audio Package window



- 5 Read the export result and export file information.
- 6 Click Close.

| If                                                                               | Do                      |
|----------------------------------------------------------------------------------|-------------------------|
| you attempted to export an audio package that another user deleted               | step <a href="#">7</a>  |
| you attempted to export an unlocked audio package                                | step <a href="#">8</a>  |
| you attempted to export an audio package that contains invalid physical segments | step <a href="#">9</a>  |
| you attempted to export an audio package that contains a non-simple set          | step <a href="#">10</a> |
| the export operation was successful                                              | step <a href="#">11</a> |

- 7 An error dialog window opens.
  - a Read the error message.



---

## Distributing audio packages

---

This procedure enables you to distribute exported audio packages to a network node such as a Nortel Networks Passport Packet Voice Gateway (PVG). Either a single export package or multiple export packages can be distributed to a network node during one transaction.

**Note 1:** When an audio package is exported, each of the three files created has the same name but a different extension. For example, if a package ID 25, version 3 is exported, the three files, “25\_3.aud,” “25\_3.cat,” and “25\_3.ind” will be created. When an export package is distributed to a PVG gateway, all three of the files are transferred and the names of the files, as generated during the export function, are preserved in the gateway destination directory.

**Note 2:** In order to distribute audio packages, an FTP server that accepts the APS export package files must be running on the target gateway.

### Distributing audio packages

#### ***At the APS Audio Management Tool screen***

- 1 Click the Distribute Packages button on the menu tool bar.  
*The Package Distribution to Gateways window opens.*

### Package Distribution to Gateways window

APS
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## Package Distribution to Gateways

Choose one or more export packages for user: *admin* , group: *admin*

| .X                       | Package ID | Version | Last Export Date             | Package Format |
|--------------------------|------------|---------|------------------------------|----------------|
| <input type="checkbox"/> | Package 25 | 1       | Thu Sep 14 19:26:41 EDT 2000 | 2.1b           |
| <input type="checkbox"/> | Package 26 | 1       | Thu Sep 14 19:26:50 EDT 2000 | 3.0a           |
| <input type="checkbox"/> | Package 26 | 2       | Thu Sep 14 19:27:40 EDT 2000 | 3.0a           |
| <input type="checkbox"/> | Package 26 | 3       | Fri Sep 15 15:53:10 EDT 2000 | 3.0a           |
| <input type="checkbox"/> | Package 26 | 4       | Tue Oct 24 16:24:58 EDT 2000 | 3.0a           |
| <input type="checkbox"/> | Package 26 | 5       | Tue Oct 24 16:48:52 EDT 2000 | 3.0a           |
| <input type="checkbox"/> | Package 2  | 1       | Fri Aug 11 12:08:39 EDT 2000 | 2.1b           |
| <input type="checkbox"/> | Package 3  | 1       | Tue Aug 08 16:36:14 EDT 2000 | 3.0a           |
| <input type="checkbox"/> | Package 27 | 1       | Fri Jan 26 10:56:13 EST 2001 | 2.1a           |
| <input type="checkbox"/> | Package 27 | 2       | Fri Jan 26 12:11:28 EST 2001 | 2.1a           |
| <input type="checkbox"/> | Package 27 | 3       | Thu Feb 22 07:07:37 EST 2001 | 2.1a           |
| <input type="checkbox"/> | Package 29 | 2       | Wed Jan 31 13:09:14 EST 2001 | NA             |
| <input type="checkbox"/> | Package 31 | 2       | Wed Jan 31 13:39:18 EST 2001 | 3.0a           |
| <input type="checkbox"/> | Package 38 | 1       | Tue Feb 06 10:29:51 EST 2001 | NA             |
| <input type="checkbox"/> | Package 31 | 1       | Tue Feb 13 07:54:11 EST 2001 | 3.0a           |

Select all displayed packages

Enter Gateway FTP Information

|                                        |                      |              |                      |
|----------------------------------------|----------------------|--------------|----------------------|
| Gateway IP Address                     | <input type="text"/> | FTP User ID  | <input type="text"/> |
| Full Path to the Destination Directory | <input type="text"/> | FTP Password | <input type="text"/> |

Select a Gateway type PVG

Distribute Selected Package(s)

Close

- 2** Enter the following information about the export package:
- Package ID (click the box next to each package to be distributed, or click the “Select all displayed packages” box to include all packages for distribution)
  - Gateway IP (address)
  - Absolute Path of the Dest Dir
    - Note:** Enter the full path of the destination directory.
  - FTP User ID
  - FTP Password
  - Select a GW type
    - Note:** Click the GW type entry cell to pull down a list of available gateway types. If you don't choose a gateway type, the system defaults to “PVG.”

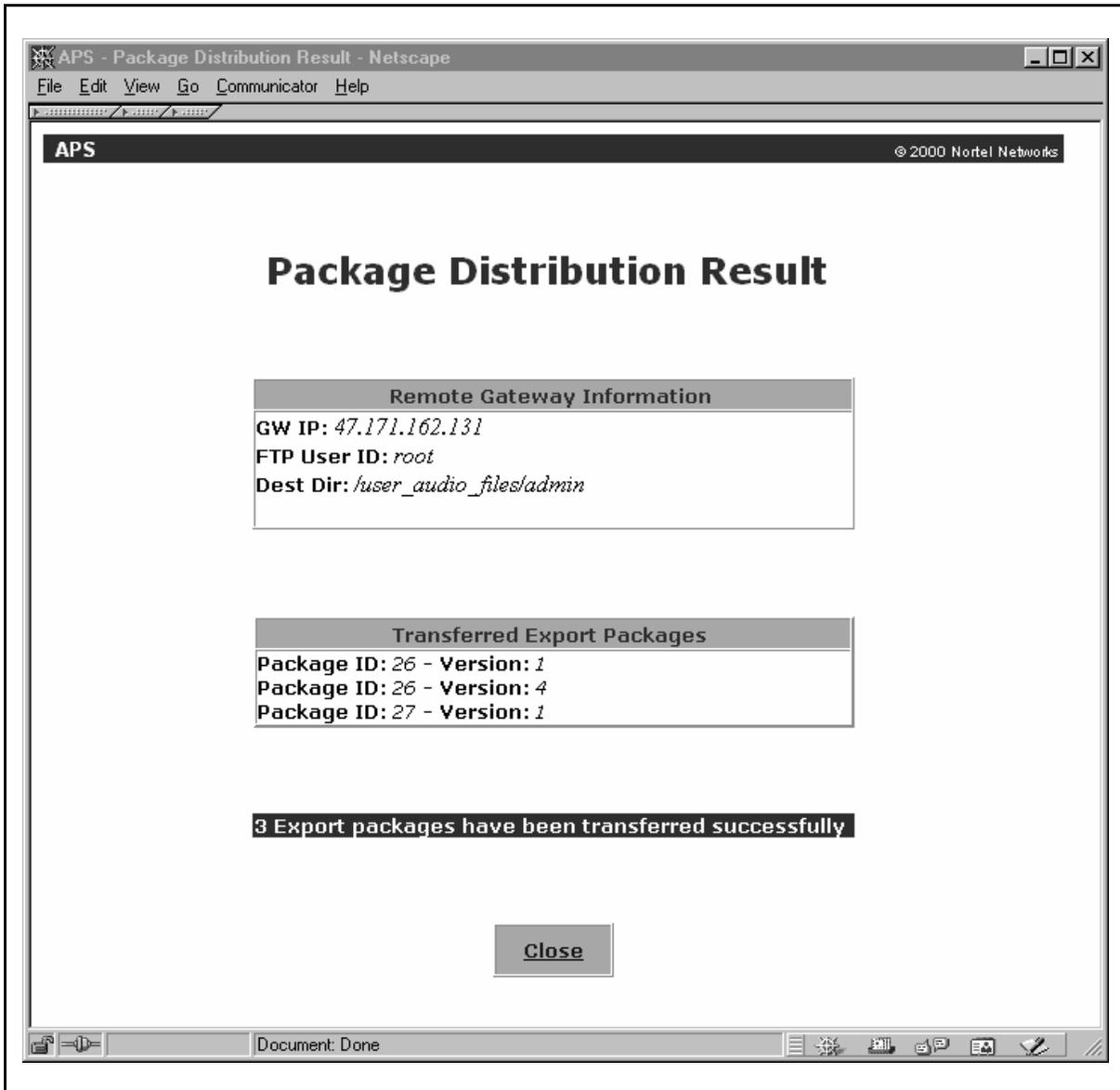
---

| <b>If</b>                        | <b>Do</b>              |
|----------------------------------|------------------------|
| you want to cancel               | step <a href="#">3</a> |
| you want to submit the operation | step <a href="#">4</a> |

---

- 3** Click Close.
- a** Go to step [5](#).
- 4** Click Distribute Selected Package(s).  
*The Package Distribution Result window opens.*

## Package Distribution Result window



- a After verifying the information about the file transfer, click Close.
- 5 You have completed this procedure.

## Creating audio sets

### Creating audio sets

#### At the APS Audio Management Tool screen

- 1 Select the Audio Sets folder in the Audio Container tree.
- 2 Click the New button on the menu tool bar.  
*The Audio Set Properties window opens.*

#### Audio Set Properties window

Audio Set Properties

ID:   User specified

Originator:

Alias:

Origination date:

Title:

Last modified by:

Set type:  ▼

Last modified date:

Description:

Java Applet Window

- 3 Enter the following information about the audio set:
  - ID
  - Alias
  - Title
  - Set Type
  - Description

---

**If**

you want to cancel

---

**Do**step [4](#)

---

|          | <b>If</b>                                                       | <b>Do</b>                                                                            |
|----------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|
|          | you want to submit the operation                                | step <a href="#">5</a>                                                               |
| <b>4</b> | Click Cancel. Go to step <a href="#">6</a> .                    |                                                                                      |
| <b>5</b> | Click Submit.                                                   |                                                                                      |
|          | <b>If</b>                                                       | <b>Do</b>                                                                            |
|          | you entered an invalid or non-unique alias                      | Procedure <a href="#">Correcting an invalid or non-unique alias on page 272</a>      |
|          | you entered an invalid or non-unique segment ID                 | Procedure <a href="#">Correcting an invalid or non-unique segment ID on page 274</a> |
|          | you entered both an invalid alias and an invalid segment ID     | Procedure <a href="#">Correcting invalid aliases and segment IDs on page 276</a>     |
|          | you entered both a non-unique alias and a non-unique segment ID | Procedure <a href="#">Correcting non-unique aliases and segment IDs on page 277</a>  |
|          | the operation was successful                                    | step <a href="#">6</a>                                                               |
| <b>6</b> | You have completed this procedure.                              |                                                                                      |

---

## Adding segments to an audio set

This procedure enables you to add other audio sets, physical segments, audio sequences, and audio variables to an audio set.

The selector values used within a set must be unique. For example, if you have an audio set with a set type “weekday,” you cannot have two “Monday” selector values for the contents within the set. If all of the selector values in the set have been used (in this case, “Monday” through “Friday”), and you want to add an additional segment with an existing selector value in the set, then you must cut that segment that has the selector value you want to use.

You can add more than one segment into an audio set at the same time. If you decide to add more than one segment, it is important to be aware of the maximum number of selector values that are available for assignment to each segment. For example, if you want to add three physical segments into an audio set with a set type of “time,” which has two defined selector values (12 hour time, 24 hour time), the system will not add the third physical segment because an additional selector value is not available for the set.

### ATTENTION

You must assign a default segment to the audio set in order to provision the audio set to the UAS. To identify an audio set that does not have a default segment, expand the Audio Sets folder in the Audio Container tree. Those items with black dots positioned next to them in the Set Contents table do not have a default segment provisioned.

## Adding segments to an audio set

### At the *APS Audio Management Tool* screen

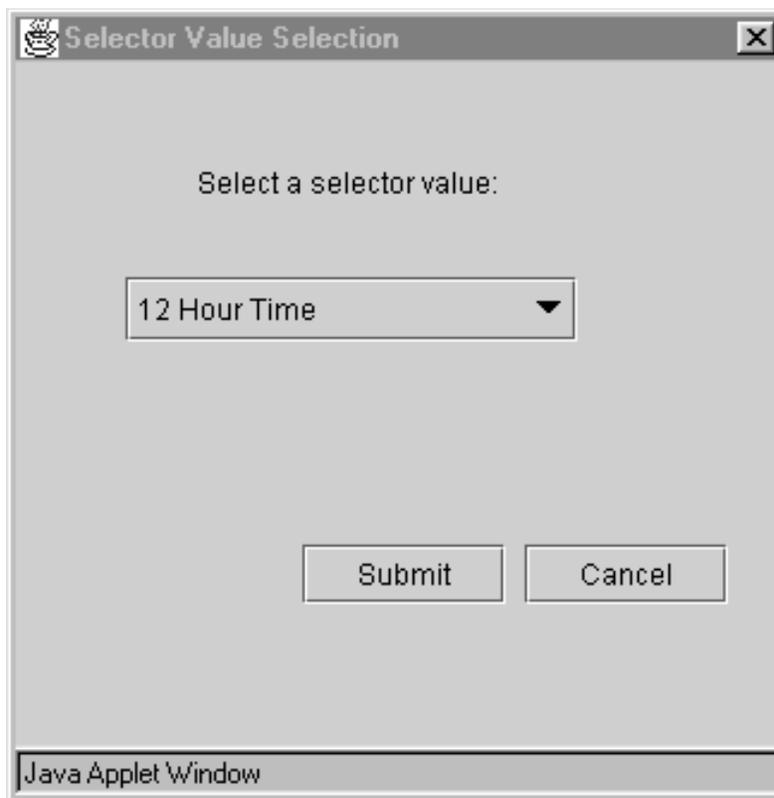
- 1 Expand the Audio Sets folder in the Audio Container tree.

| If                                                 | Do                     |
|----------------------------------------------------|------------------------|
| you want to add an audio set to an audio set       | step <a href="#">2</a> |
| you want to add a physical segment to an audio set | step <a href="#">3</a> |
| you want to add a sequence to an audio set         | step <a href="#">4</a> |

---

| <b>If</b>                                         | <b>Do</b>                                                                                                                                                      |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| you want to add an audio variable to an audio set | step <a href="#">5</a>                                                                                                                                         |
| <b>2</b>                                          | Select an audio set in the Audio Container tree. Go to step <a href="#">6</a> .                                                                                |
| <b>3</b>                                          | Click the Refresh button in the physical segments panel.<br><i>The Physical Segments table is populated with the physical segments stored in the database.</i> |
|                                                   | <b>a</b> Select a segment in the Physical Segments table to be copied to an audio set.                                                                         |
|                                                   | <b>b</b> Go to step <a href="#">6</a> .                                                                                                                        |
| <b>4</b>                                          | Select an Audio Sequence folder in the Audio Container tree.<br><i>The Contents table is populated with the audio sequences in the APS database.</i>           |
|                                                   | <b>a</b> Select an audio sequence in the Contents table to be copied to an audio set.                                                                          |
|                                                   | <b>b</b> Go to step <a href="#">6</a> .                                                                                                                        |
| <b>5</b>                                          | Select the Audio Variables folder in the Audio Container tree.<br><i>The Contents table is populated with the audio variables in the APS database.</i>         |
|                                                   | <b>a</b> Select an audio variable in the Contents table to be copied to an audio set.                                                                          |
| <b>6</b>                                          | Click the Copy button on the menu tool bar.                                                                                                                    |
| <b>7</b>                                          | In the Audio Container tree, select an audio set to which the copied entity is to be added.                                                                    |
| <b>8</b>                                          | Click the Paste button on the menu tool bar.<br><i>The Selector Value Selection window opens.</i>                                                              |

## Selector Value Selection window



- 9 Click the pull-down menu and select a Selector Value.

| <b>If</b>                             | <b>Do</b>               |
|---------------------------------------|-------------------------|
| you want to accept the selector value | step <a href="#">10</a> |
| you want to cancel the selector value | step <a href="#">11</a> |

- 10 Click Submit to accept the selector value.

*The Default Set Element Prompt window opens.*

- a** Click the Yes button if you want the selector value to be the default, or click the No button if you do not want the selector value to be the default.
- b** Go to step [12](#).
- 11 Click Cancel.
- 12 You have completed this procedure.

## Changing a set type

This procedure enables you to change the set type in the Contents table.

**Note:** Before you can change the set type of an audio set, the set must be empty.

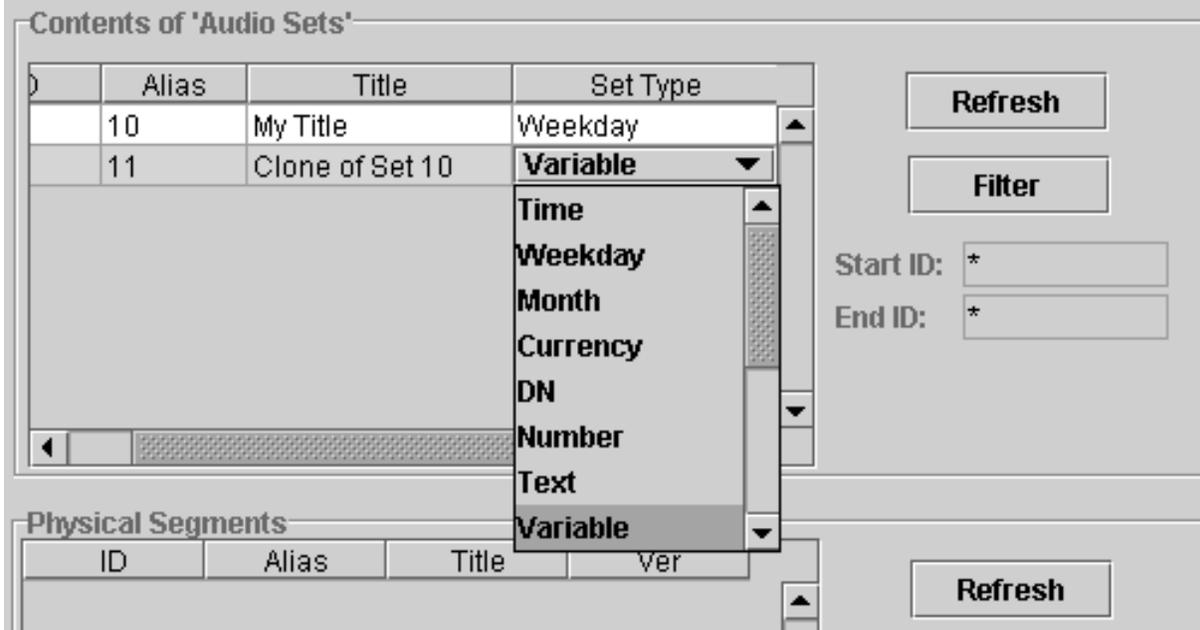
### Changing a set type

#### At the APS Audio Management Tool screen

- 1 Select the Audio Sets folder in the Audio Container tree.  
*The Contents table is populated with a list of audio sets.*
- 2 In the Contents table, select an audio set to be changed.
- 3 In the Contents table, click the Set Type entry cell associated with the audio set you have selected to pull down the menu of available set types.

*A pull-down menu containing available set types opens.*

#### Pull-down menu for Set Type



- 4 Click a set type in the menu.

*The system changes the set type for the selected audio set.*

---

| <b>If</b>                              | <b>Do</b>              |
|----------------------------------------|------------------------|
| the set is not empty                   | step <a href="#">5</a> |
| you want to cancel the set type change | step <a href="#">6</a> |
| the operation was successful           | step <a href="#">7</a> |

---

- 5** Click OK in the Change Set Type window.
  - a** Cut the segments from the audio set. For more information on cutting segments, see [Cutting a segment from a container on page 271](#).
  - b** Go to step [2](#).
- 6** Repeat step [3](#) and select the previous set type of the audio set.
- 7** You have completed this procedure.

## Editing audio sets

This procedure enables you to edit the properties of an audio set in the database.

**Note:** Before you can change the set type of an audio set, the set must be empty.

### Editing audio sets

#### *At the APS Audio Management Tool screen*

- 1 Select the Audio Sets folder in the Audio Container tree.  
*The Contents table is populated with a list of audio sets.*
- 2 Select an audio set in the Contents table.
- 3 Click the Edit button on the menu tool bar.  
*The Audio Set Properties window opens.*
- 4 Change the information in any of the following fields:
  - Alias
  - Title
  - Set Type
  - Description

| If                               | Do                     |
|----------------------------------|------------------------|
| you want to cancel               | step <a href="#">5</a> |
| you want to submit the operation | step <a href="#">6</a> |

- 5 Click Cancel. Go to step [8](#).

- 6 Click Submit.

| If                                                      | Do                                                                              |
|---------------------------------------------------------|---------------------------------------------------------------------------------|
| you entered an invalid or non-unique alias              | Procedure <a href="#">Correcting an invalid or non-unique alias on page 272</a> |
| you attempted to change the set type of a non-empty set | Step <a href="#">7</a>                                                          |
| the operation was successful                            | step <a href="#">8</a>                                                          |

- 7 Click OK in the Edit Set Result window.

- a Select the audio sets folder in the Audio Container tree.

- b** Select the audio set that is not empty.  
*The Contents table is populated with the contents of the audio set.*
  - c** Cut the segments from the audio set.  
**Note:** For more information on cutting segments, see [Cutting a segment from a container on page 271](#).
  - d** Return to step [1](#).
- 8** You have completed this procedure.

---

## Changing the set element selector value

---

This procedure enables you to change the selector value of a set element in the Contents table.

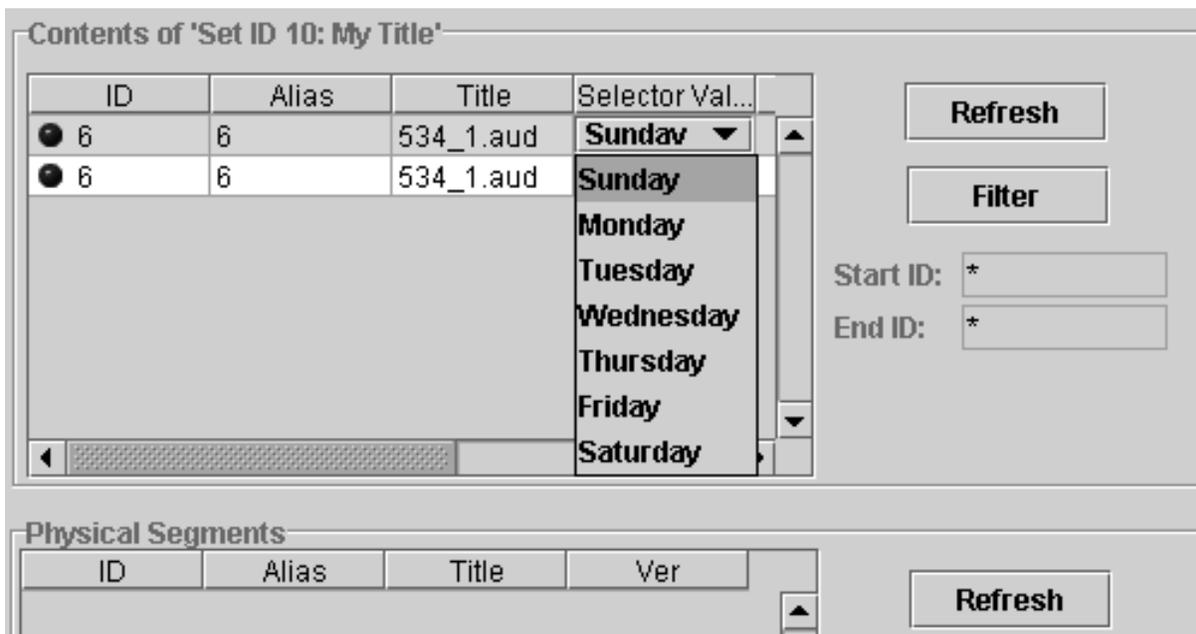
The selector values within a set must be unique. For example, if you have an audio set with a set type “weekday,” you cannot have two “Monday” selector values within the set. If all of the selector values in the set have been used (in this case, “Monday” through “Friday”), and you want to add an additional segment with an existing selector value in the set, then you must cut that segment that has the selector value you want to use.

### Changing the set element selector value

#### ***At the APS Audio Management Tool screen***

- 1** Expand the Audio Sets folder in the Audio Container tree.  
*A list of audio sets appears in the Audio Container tree.*
- 2** Select an audio set in the Audio Container tree.  
*The Contents table is populated with the elements in the Audio set.*
- 3** In the Contents table, select the element to be changed.
- 4** In the Contents table, click the Selector Value associated with the element that you have selected to pull down the menu of available selector values.  
*The pull-down menu containing available selector values opens.*

## Pull-down menu for Selector Value



- 5 Click a selector type in the menu.  
*The system changes the selector value for the selected element.*

**If**

**Do**

the selector value you want to change is the default

step [6](#)

the change was successful

step [7](#)

- 6 Click OK in the Change Selector Value window.
- Select the set ID in the Audio Container tree that has the selector value you want to change.
  - Click the Set Default Element button on the menu tool bar.  
*The Set Default Element window opens.*
  - From the pull-down menu select None. This specifies that there is no default element in the segment.
  - Repeat steps [2](#) through [5](#) in this procedure.
- 7 You have completed this procedure.

---

## Changing the set default element

---

This procedure enables you to change the set default element for an audio set.



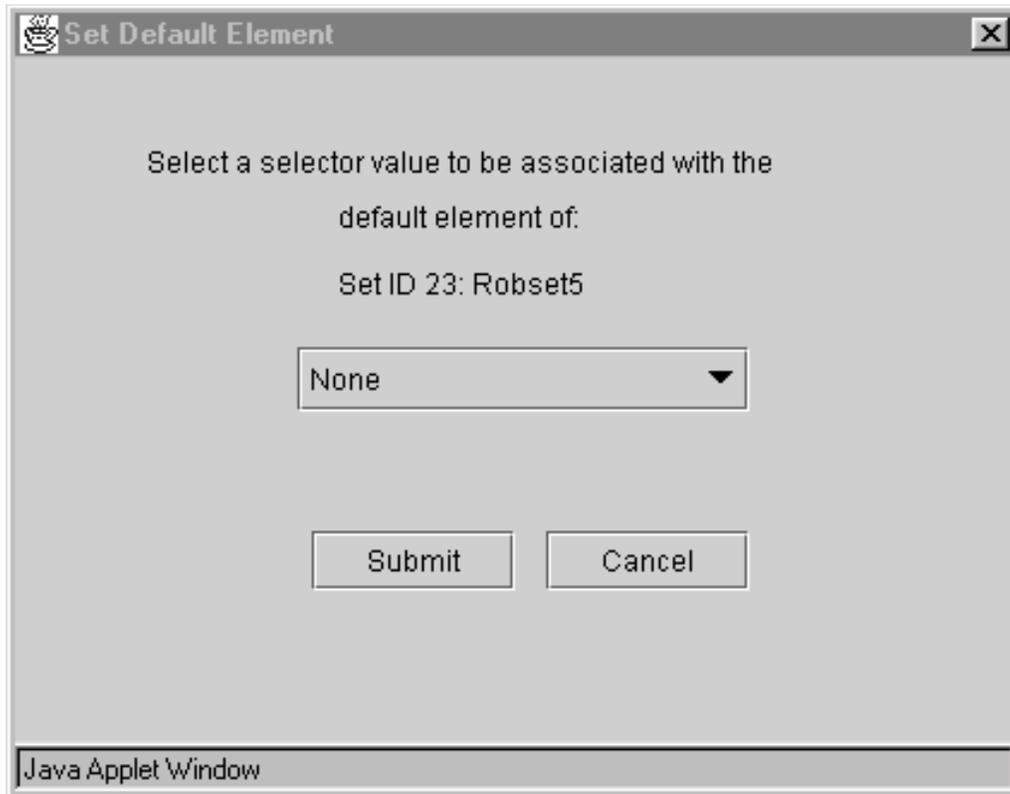
### CAUTION

An audio set that does not have a default element selected (that is, the default element is set to “none”) will not be provisioned to a UAS.

### Changing the set default element

#### *At the APS Audio Management Tool screen*

- 1 Expand the Audio Sets folder in the Audio Container tree.  
*A list of audio sets appears in the Audio Container tree.*
- 2 Select an audio set in the Audio Container tree in which the set default element is to be changed.  
*The Contents table is populated with the contents of the audio set.*
- 3 Click the Set Default Element button on the menu tool bar.  
*The Set Default Element window opens.*

**Set Default Element window**

- 4 Click on the pull-down menu.
  - 5 Select a selector value to associate with the default element or select None to disassociate a selector value with a default element.
- | If                                            | Do                     |
|-----------------------------------------------|------------------------|
| you want to submit the default element change | step <a href="#">6</a> |
| you want to cancel                            | step <a href="#">7</a> |
- 6 Click Submit. Go to step [8](#).  
*In the Contents table, a check mark appears in the Default box associated with the selector value that you set as the default.*
  - 7 Click Cancel.
  - 8 You have completed this procedure.

## Cloning an audio set

This procedure enables you to clone an audio set to create a new set identical to the cloned set, except for the ID and alias.

### Cloning an audio set

#### ***At the APS Audio Management Tool screen***

- 1 Select the Audio Sets folder in the Audio Container tree.  
*The Contents table is populated with a list of audio sets.*
- 2 In the Contents table, select the audio set to be cloned.
- 3 Click the Clone button on the menu tool bar.  
*The Clone Provisionable Entity window opens.*
- 4 If desired, enter a new alias or a new segment ID.

---

**If**


---

**Do**

you want to cancel

step [5](#)

you want to submit the operation

step [6](#)

- 5 Click Cancel. Go to step [7](#).

- 6 Click Submit.

---

**If**


---

**Do**

you entered an invalid or non-unique alias

Procedure [Correcting an invalid or non-unique alias on page 272](#)

you entered an invalid or non-unique segment ID

Procedure [Correcting an invalid or non-unique segment ID on page 274](#)

you entered both an invalid alias and an invalid segment ID

Procedure [Correcting invalid aliases and segment IDs on page 276](#)

you entered both a non-unique alias and a non-unique segment ID

Procedure [Correcting non-unique aliases and segment IDs on page 277](#)

the operation was successful

step [7](#)

- 7 You have completed this procedure.

## Creating sequences

### Creating sequences

#### At the APS Audio Management Tool screen

- 1 Select the Audio Sequences folder in the Audio Container tree.
- 2 Click the New button on the menu tool bar.

*The Audio Sequence Properties window opens.*

#### Audio Sequence Properties window

The screenshot shows a Java Applet Window titled "Audio Sequence Properties". It contains the following fields and values:

- ID: 0
- User specified
- Originator: admin
- Alias: (empty)
- Origination date: May 14, 2001
- Title: Default Title
- Last modified by: admin
- Description: Default description
- Last modified date: May 14, 2001

Buttons: Submit, Cancel

Bottom status bar: Java Applet Window

- 3 Enter information for the following fields in the Audio Sequence Properties window:

- Segment ID
- Alias
- Title
- Description

---

**If**

you want to cancel

---

**Do**

step [4](#)

---

---

|          | <b>If</b>                                                       | <b>Do</b>                                                                            |
|----------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|
|          | you want to submit the operation                                | step <a href="#">5</a>                                                               |
| <b>4</b> | Click Cancel. Go to step <a href="#">6</a> .                    |                                                                                      |
| <b>5</b> | Click Submit.                                                   |                                                                                      |
|          | <b>If</b>                                                       | <b>Do</b>                                                                            |
|          | you entered an invalid or non-unique alias                      | Procedure <a href="#">Correcting an invalid or non-unique alias on page 272</a>      |
|          | you entered an invalid or non-unique segment ID                 | Procedure <a href="#">Correcting an invalid or non-unique segment ID on page 274</a> |
|          | you entered both an invalid alias and an invalid segment ID     | Procedure <a href="#">Correcting invalid aliases and segment IDs on page 276</a>     |
|          | you entered both a non-unique alias and a non-unique segment ID | Procedure <a href="#">Correcting non-unique aliases and segment IDs on page 277</a>  |
|          | the operation was successful                                    | step <a href="#">6</a>                                                               |
| <b>6</b> | You have completed this procedure.                              |                                                                                      |

---

## Adding segments to an audio sequence

This procedure enables you to add segments to an audio sequence.

You can add other audio sequences, physical segments, audio variables, and audio sets to an audio sequence. In addition, you can add the same segment to an audio sequence more than once.

The system automatically positions the contents of the audio sequence based on the order in which the elements were added. You can also reorder the positions of the elements within an audio sequence. For more information on reordering elements, see [Reordering sequence elements on page 239](#).

### Adding segments to an audio sequence

#### *At the APS Audio Management Tool screen*

- 1 Expand the Audio Sequences folder in the Audio Container tree.  
*A list of audio sequences appears in the Audio Container tree.*
- 2 Select the type of segment that you want to add to the audio sequence.

| If                                                       | Do                     |
|----------------------------------------------------------|------------------------|
| you want to add a physical segment to the audio sequence | step <a href="#">3</a> |
| you want to add an audio sequence to an audio sequence   | step <a href="#">4</a> |
| you want to add an audio variable to an audio sequence   | step <a href="#">5</a> |
| you want to add an audio set to an audio sequence        | step <a href="#">6</a> |

- 3 Click the Refresh button in the Physical Segments panel.  
*A list of physical segments appears in the Physical Segments table.*
  - a Select one or more physical segments in the Physical Segments table.  
**Note:** To select more than one physical segment, hold down the Shift or Ctrl key on your keyboard and click with your left mouse button.
  - b Go to step [7](#).

- 4 Select another audio sequence in the Audio Container tree that you want to add to the audio sequence.  
**Note:** To select more than one audio sequence, hold down the Shift or Ctrl key on your keyboard and click with your left mouse button.
  - a Go to step 7.
- 5 Expand the Audio Variables folder in the Audio Container tree.  
*A list of audio variables appears in the Audio Container tree.*
  - a Select an audio variable in the Audio Container tree that you want to add to the audio sequence.  
**Note:** To select more than one audio variable, hold down the Shift or Ctrl key on your keyboard and click with your left mouse button.
    - b Go to step 7.
- 6 Expand the Audio Sets folder in the Audio Container tree.  
*A list of audio sets appears in the Audio Container tree.*
  - a Select an audio set in the Audio Container tree.  
**Note:** To select more than one audio set, hold down the Shift or Ctrl key on your keyboard and click with your left mouse button.
- 7 Click the Copy button on the menu tool bar.
- 8 Select an audio sequence in the Audio Container tree to which the copied entity is to be added.
- 9 Click the Paste button on the menu tool bar.
- 10 You have completed this procedure.

---

## Reordering sequence elements

---

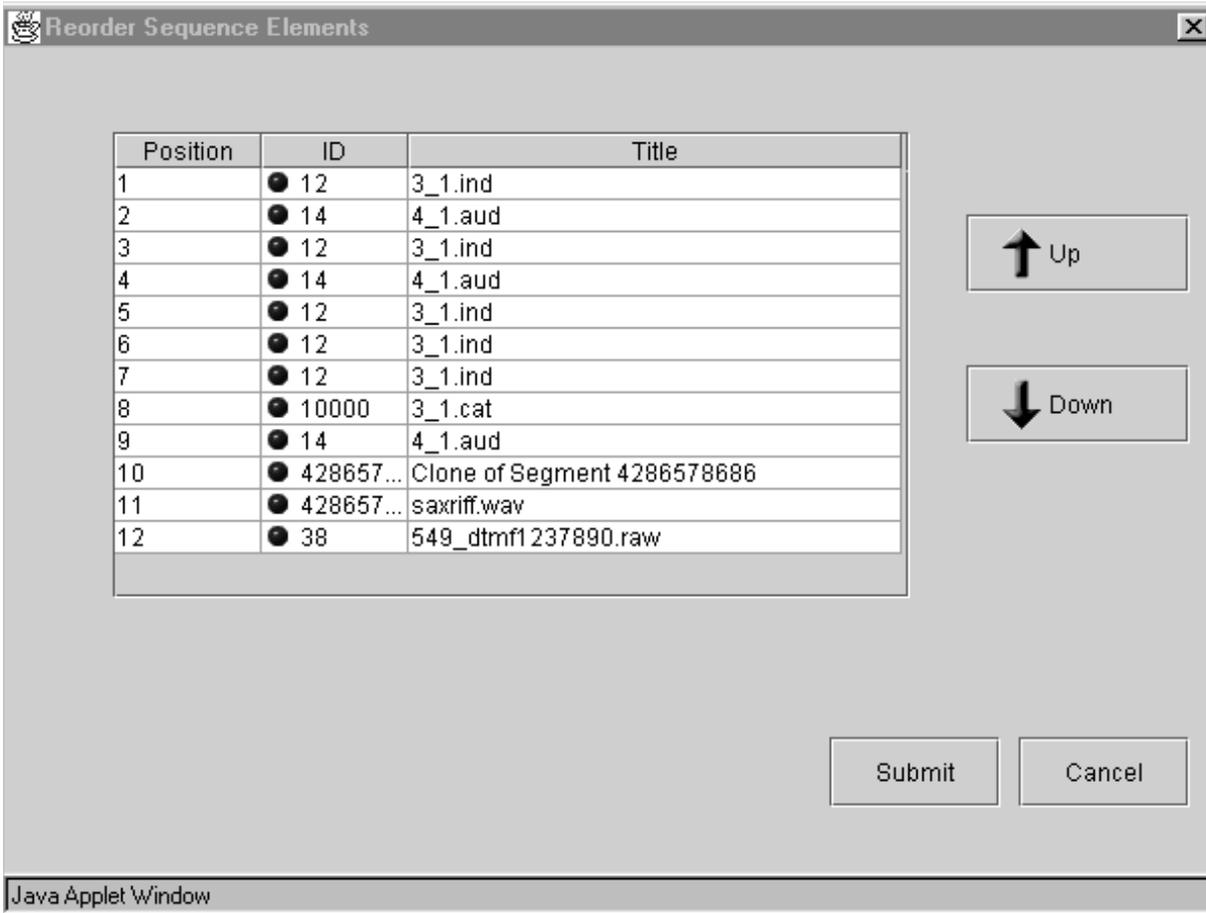
This procedure enables you to reorder the elements in an audio sequence. The order of the elements in the audio sequence determines the order in which the audio will play.

### Reordering sequence elements

#### ***At the APS Audio Management Tool screen***

- 1** Expand the Audio Sequences folder in the Audio Container tree.  
*The Audio Container tree is populated with the audio sequences in the database.*
- 2** Select an audio sequence in the Audio Container tree.  
*The Contents table is populated with the elements in the selected audio sequence.*
- 3** Click the Reorder Sequence Elements button on the menu tool bar.  
*The Reorder Sequence Elements window opens.*

## Reorder Sequence Elements window



- 4 Select an element that you would like to reorder in the audio sequence.
- 5 Click the Up or Down button until you are satisfied with the position of the element.

| If                             | Do                     |
|--------------------------------|------------------------|
| you want to submit the changes | step <a href="#">6</a> |
| you want to cancel the changes | step <a href="#">7</a> |

- 6 Click Submit. Go to step [8](#).
- 7 Click Cancel.
- 8 You have completed this procedure.

## Editing audio sequences

### Editing audio sequences

#### At the *APS Audio Management Tool* screen

- 1 Select the Audio Sequences folder in the Audio Container tree.  
*The Contents table is populated with the audio sequences in the APS database.*
- 2 Select an audio sequence in the Contents table you want to edit.
- 3 Click the Edit button on the menu tool bar.  
*The Audio Sequence Properties window opens.*
- 4 Change the information in any of the following fields:
  - Alias
  - Title
  - Description

| If                               | Do                     |
|----------------------------------|------------------------|
| you want to cancel               | step <a href="#">5</a> |
| you want to submit the operation | step <a href="#">6</a> |

- 5 Click Cancel. Go to step [7](#).

- 6 Click Submit.

| If                                         | Do                                                                              |
|--------------------------------------------|---------------------------------------------------------------------------------|
| you entered an invalid or non-unique alias | Procedure <a href="#">Correcting an invalid or non-unique alias on page 272</a> |
| the operation was successful               | step <a href="#">7</a>                                                          |

- 7 You have completed this procedure.

## Cloning an audio sequence

This procedure enables you to clone an audio sequence to create a new sequence identical to the cloned sequence, except for the ID and alias.

### Cloning an audio sequence

#### *At the APS Audio Management Tool screen*

- 1 Select the Audio Sequences folder in the Audio Container tree.  
*The Contents table is populated with a list of audio sequences.*
- 2 Select an audio sequence in the Contents table.
- 3 Click the Clone button on the menu tool bar.  
*The Clone Provisionable Entity window opens.*
- 4 Enter segment ID and alias information for the cloned audio sequence.

| If                               | Do                     |
|----------------------------------|------------------------|
| you want to cancel               | step <a href="#">5</a> |
| you want to submit the operation | step <a href="#">6</a> |

- 5 Click Cancel. Go to step [7](#).
- 6 Click Submit.

| If                                                              | Do                                                                                   |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|
| you enter an invalid or non-unique alias                        | Procedure <a href="#">Correcting an invalid or non-unique alias on page 272</a>      |
| you enter an invalid or non-unique segment ID                   | Procedure <a href="#">Correcting an invalid or non-unique segment ID on page 274</a> |
| you entered both an invalid alias and an invalid segment ID     | Procedure <a href="#">Correcting invalid aliases and segment IDs on page 276</a>     |
| you entered both a non-unique alias and a non-unique segment ID | Procedure <a href="#">Correcting non-unique aliases and segment IDs on page 277</a>  |
| the operation was successful                                    | step <a href="#">7</a>                                                               |

- 7 You have completed this procedure.

## Creating audio variables

An audio variable is an audio segment whose content is not determined until runtime. The content is determined by the request the audio server receives to play a message containing the variable. This procedure enables you to create audio variables.

### Creating audio variables

#### *At the APS Audio Management Tool screen*

- 1 Select the Audio Variables folder in the Audio Container tree.
- 2 Click the New button on the menu tool bar.

*The Audio Variable Properties window opens.*

### Audio Variable Properties window

**Audio Variable Properties**

ID:   User Specified

Originator:

Alias:

Origination date:

Title:

Last modified by:

Last modified date:

Variable type:

Description:

Sub type:

Specify variable value

Default language:

**Variable Value**

Day:

Month:

Year:

Weekday:

Hour(s):  Minute(s):   AM  PM

Value:

Java Applet Window

- 3 Enter values in the appropriate fields in the window for the variable you are creating.

The possible types of audio variables that you may create are shown in the table below. Certain of these variable types, those whose content is fixed, also have predefined subtypes and values. Only variable types that have fixed content that doesn't vary have predefined subtypes and values. For example, the values (names) of the twelve months of the year are fixed and do not vary.

**Note:** Entering a variable value is optional. If you check the "Specify variable value" box, you can enter a variable value for the audio variable you are defining. If you enter a variable value, this value will take precedence over the value supplied (through translations) in the call processing message requesting that this audio variable be played. For example, if you enter "Monday" as the variable value for a "Weekday" variable type, "Monday" will be played in the language you have designated, at runtime.

#### Predefined variable types (Sheet 1 of 3)

| Variable type | Subtype | Value     |
|---------------|---------|-----------|
| Time          | 12 hour |           |
|               | 24 hour |           |
| Weekday       |         | Sunday    |
|               |         | Monday    |
|               |         | Tuesday   |
|               |         | Wednesday |
|               |         | Thursday  |
|               |         | Friday    |
|               |         | Saturday  |
| Month         |         | January   |
|               |         | February  |
|               |         | March     |
|               |         | April     |

**Predefined variable types (Sheet 2 of 3)**

| Variable type | Subtype                  | Value     |
|---------------|--------------------------|-----------|
|               |                          | May       |
|               |                          | June      |
|               |                          | July      |
|               |                          | August    |
|               |                          | September |
|               |                          | October   |
|               |                          | November  |
|               |                          | December  |
| Currency      | Belgian Franc            |           |
|               | Canadian dollar          |           |
|               | Chinese yuan<br>renminbi |           |
|               | German mark              |           |
|               | Spanish peseta           |           |
|               | euro                     |           |
|               | French franc             |           |
|               | British pound            |           |
|               | Hong Kong Dollar         |           |
|               | Irish pound              |           |
|               | Italian lire             |           |
|               | Japanese yen             |           |
|               | Korean won               |           |
|               | Malayan ringgit          |           |
|               | Netherlands guilder      |           |

**Predefined variable types (Sheet 3 of 3)**

| Variable type                               | Subtype           | Value           |
|---------------------------------------------|-------------------|-----------------|
|                                             | Philippine peso   |                 |
|                                             | Portuguese escudo |                 |
|                                             | Thai baht         |                 |
|                                             | US Dollar         |                 |
| DN                                          | North American DN |                 |
|                                             | Generic DN        |                 |
| Number                                      | Cardinal          |                 |
|                                             | Ordinal           |                 |
| Silence (not supported in current release)  |                   |                 |
| Duration (not supported in current release) |                   |                 |
| Date                                        |                   | Day (1–31)      |
|                                             |                   | Month (Jan–Dec) |
|                                             |                   | Year            |
| String                                      |                   |                 |
| Tone (not supported in current release)     |                   |                 |
| Text (not supported in current release)     |                   |                 |

**If**

you want to cancel

you want to submit the operation

**Do**step [4](#)step [5](#)**4** Click Cancel. Go to step [6](#).

**5** Click Submit.

---

| <b>If</b>                                                       | <b>Do</b>                                                                            |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|
| you entered an invalid or non-unique alias                      | Procedure <a href="#">Correcting an invalid or non-unique alias on page 272</a>      |
| you entered an invalid or non-unique segment ID                 | Procedure <a href="#">Correcting an invalid or non-unique segment ID on page 274</a> |
| you entered both an invalid alias and an invalid segment ID     | Procedure <a href="#">Correcting invalid aliases and segment IDs on page 276</a>     |
| you entered both a non-unique alias and a non-unique segment ID | Procedure <a href="#">Correcting non-unique aliases and segment IDs on page 277</a>  |
| the operation was successful                                    | step <a href="#">6</a>                                                               |

---

**6** You have completed this procedure.

## Editing audio variables

### Editing audio variables

#### At the APS Audio Management Tool screen

- 1 Select the Audio Variables folder in the Audio container tree.  
*The Contents table is populated with a list of audio variables.*
- 2 Select an audio variable in the Contents table that you want to edit.
- 3 Click the Edit button on the menu tool bar.  
*The Audio Variable Properties window opens.*
- 4 You can edit the following fields:
  - Alias
  - Title
  - Variable type
  - Subtype
  - Description
  - Default language
  - Variable value

| If                             | Do                     |
|--------------------------------|------------------------|
| you want to cancel the changes | step <a href="#">5</a> |
| you want to submit the changes | step <a href="#">6</a> |

- 5 Click Cancel. Go to step [7](#).

- 6 Click Submit.

| If                                         | Do                                                                              |
|--------------------------------------------|---------------------------------------------------------------------------------|
| you entered an invalid or non-unique alias | Procedure <a href="#">Correcting an invalid or non-unique alias on page 272</a> |
| the operation was successful               | step <a href="#">7</a>                                                          |

- 7 You have completed this procedure.

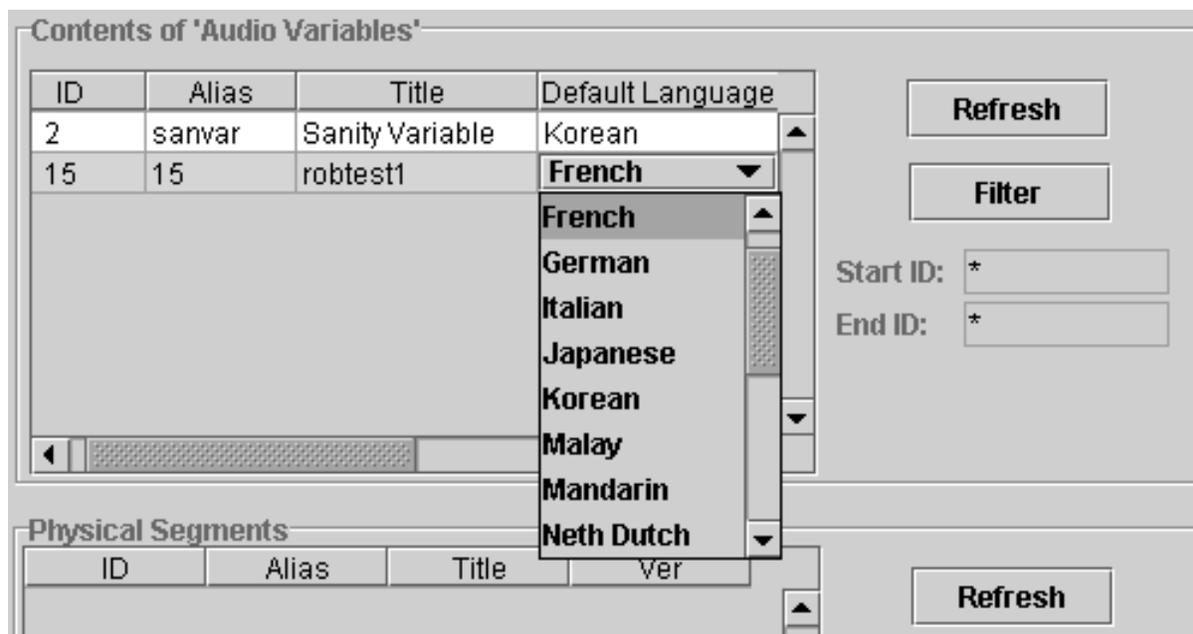
## Changing the default language

### Changing the default language

#### At the APS Audio Management Tool screen

- 1 Select the Audio Variables folder in the Audio Container tree.  
*The Contents table is populated with a list of audio variables.*
- 2 Select an audio variable in the Contents table for which the default language is to be changed.
- 3 In the Contents table, click on the Default Language entry associated with the audio variable you selected to pull down the menu of available default languages.  
*The pull-down menu containing available languages opens.*

#### Pull-down menu for Default Language



- 4 Click on a language in the menu.  
*The system changes the default language for the selected audio variable.*
- 5 You have completed this procedure.

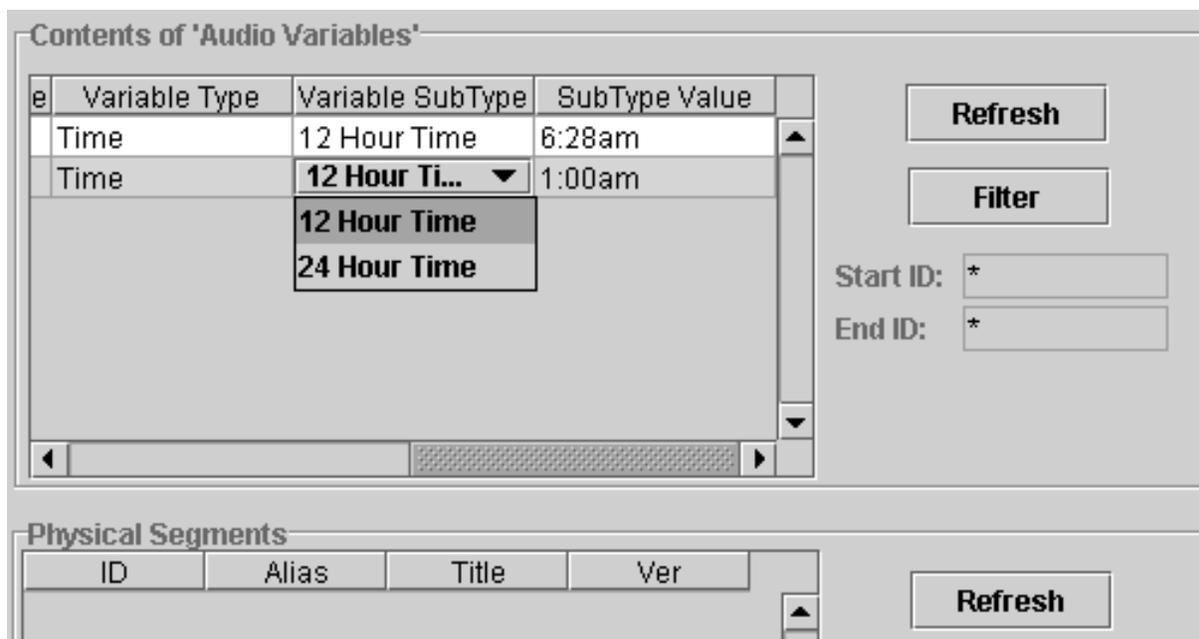
## Changing the variable subtype

### Changing the variable subtype

#### At the APS Audio Management Tool screen

- 1 Select the Audio Variables folder in the Audio Container tree.  
*The Contents table is populated with a list of audio variables.*
- 2 Select an audio variable in the Contents table.
- 3 Use the bottom scroll bar to move to the Variable SubType column.
- 4 Click the Variable SubType cell to pull down the menu of available subtypes.  
*The pull-down menu containing available subtypes opens.*

#### Pull-down menu for Variable Subtypes



- 5 Select a subtype in the menu.  
*The system changes the subtype for the selected audio variable.*
- 6 You have completed this procedure.

## Cloning an audio variable

### Cloning an audio variable

#### At the APS Audio Management Tool screen

- 1 Select the Audio Variables folder in the Audio Container tree.  
*The Contents table is populated with a list of audio variables.*
- 2 Select an audio variable in the Contents table.
- 3 Click the Clone button on the menu tool bar.  
*The Clone Provisionable Entity window opens.*
- 4 If desired, enter a new alias or a new segment ID.

---

**If**


---

**Do**

you want to cancel

step [5](#)

you want to submit the operation

step [6](#)

- 5 Click Cancel. Go to step [7](#).

- 6 Click Submit.

---

**If**


---

**Do**

you entered an invalid or non-unique alias

Procedure [Correcting an invalid or non-unique alias on page 272](#)

you entered an invalid or non-unique segment ID

Procedure [Correcting an invalid or non-unique segment ID on page 274](#)

you entered both an invalid alias and an invalid segment ID

Procedure [Correcting invalid aliases and segment IDs on page 276](#)

you entered both a non-unique alias and a non-unique segment ID

Procedure [Correcting non-unique aliases and segment IDs on page 277](#)

the operation was successful

step [7](#)

- 7 You have completed this procedure.

---

## Displaying language version folder contents

---

Language versions are containers that hold the audio needed to announce multi-language variables or other language version subfolders. The system maintains a language version tree which it uses during runtime to find the correct audio for resolving multi-language variables. For example, if the UAS receives a request to play a “date” type variable with a value of 20010322, it determines the component audio needed for the date (year, month, and day) and plays the date in the language set during runtime or in the provisioned default language.

The UAS supports the following variables in different languages: time, duration, currency, numbers, silence, character strings, directory number, weekday, month, and date.

This procedure enables you to display the contents of the Language Versions folder in the container contents list.

If the folder contains subfolders, the system displays the language version ID, selector type, selector value, default value fields, and column headers for each subfolder.

If the folder contains audio segments, the system displays the segment ID, alias, title, and version of each segment.

If the folder is empty, the system displays the column headers appropriate to the type of selected language version folder. If the user assigns “variable audio” as the selector type, the system displays column headers for segment ID, alias, title, and version. For other selector types, the system displays column headers for language version ID, selector type, selector value, and default value.

### Displaying language version folder contents

#### ***At the APS Audio Management Tool screen***

- 1 Expand the Language Versions folder in the Audio Container tree.  
*A list of language version subfolders appears in the Audio Container tree.*
- 2 Select a language version subfolder.  
*The Contents table is populated with the physical segments contained in the language version subfolder.*
- 3 You have completed this procedure.

## Creating language version folders and subfolders

This procedure enables you to create language version folders and subfolders to contain all of the audio spoken in a single language. A language version folder can contain either regular audio or special subfolders that enable you to store customized audio created in different forms, such as audio spoken by a female voice, audio spoken by a male voice, or audio spoken by a special voice talent. The numbers and types of language folders and subfolders that you create are determined by the capability of your network to handle audio in multiple languages.

### Creating a language version folder

#### *At the APS Audio Management Tool screen*

- 1 Select the Language Versions folder in the Audio Container tree.
- 2 Determine whether you are creating a new language version folder or if you are creating subfolders under an existing language version folder or subfolder.

| <b>If</b>                                                                             | <b>Do</b>              |
|---------------------------------------------------------------------------------------|------------------------|
| you want to create a new language version folder                                      | step <a href="#">6</a> |
| you want to create a subfolder under an existing language version folder or subfolder | step <a href="#">3</a> |

- 3 Navigate (by clicking on the handle icons) through the Language Versions tree, located in the Audio Container tree, and select the folder to which you want to add a subfolder.

*A list of existing folders displays below the selected folder in the Audio Container tree.*

- a In the list, highlight the folder to which you want to add a subfolder.

*The Contents panel displays the content of the folder.*

| <b>If</b>                                   | <b>Do</b>              |
|---------------------------------------------|------------------------|
| the folder contains physical audio segments | step <a href="#">b</a> |
| the folder is empty                         | step <a href="#">d</a> |

- b** You must delete (using the Delete button on the menu tool bar) all of the segments from the folder before proceeding to the next step.

**Note:** If the segment is also included in another audio set or audio sequence, you will need to cut the segment from those containers before you can complete this deletion. For a procedure used to cut segments from other containers, see [Cutting a segment from a container on page 271](#).

- c** Go to step [e](#).
- d** Determine whether the New button, located on the menu tool bar, is enabled.

---

| <b>If</b>                     | <b>Do</b>              |
|-------------------------------|------------------------|
| the New button is enabled     | step <a href="#">6</a> |
| the New button is not enabled | step <a href="#">e</a> |

---

- e** Click the Edit button, located on the menu tool bar.  
*The Language Version Property Editor window opens.*

**Language Version Property Editor window.**

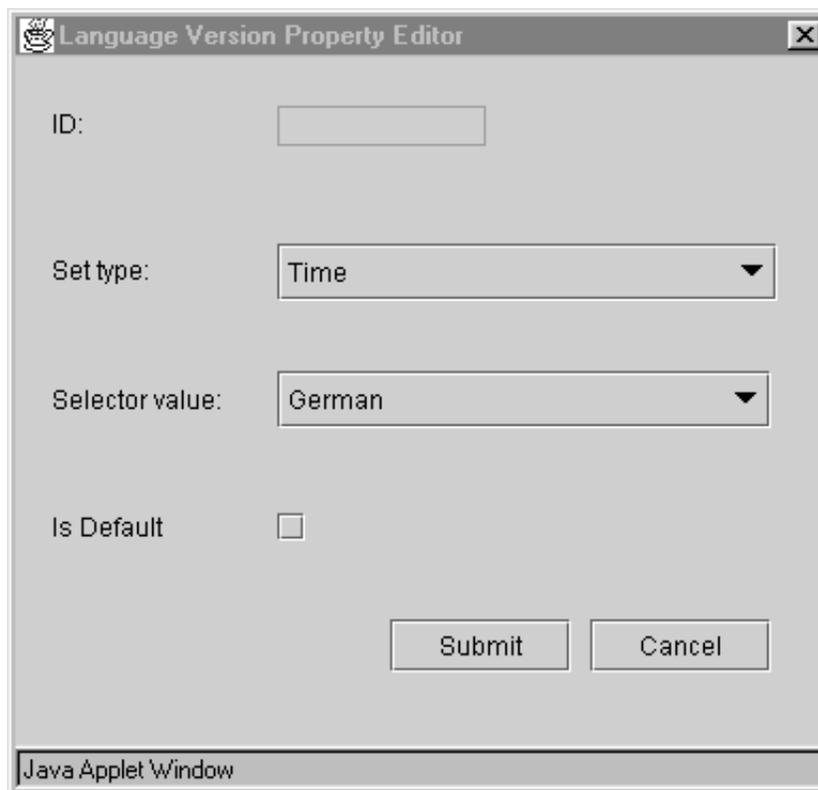
- f In the Language Version Property Editor window for the subfolder, enter the following information:
- **Set type** - This field determines the content of the folder. Choose any set type other than “Variable Audio.” A language version folder or subfolder with the “Variable Audio” set type cannot contain any subfolders.
  - **Selector value** - This field defines the form of the contents of the folder relative to the set type of the parent folder. For example, if the set type of the parent folder is “Gender,” then the selector value of the subfolder would be either “Female,” “Male,” or “Neutral.”
  - **Is default** - This field enables you to designate the “default element,” or the form of the audio the system will play in the absence of specific instruction in call processing translations.

| <b>If</b>                        | <b>Do</b>              |
|----------------------------------|------------------------|
| you want to cancel               | step <a href="#">4</a> |
| you want to submit the operation | step <a href="#">5</a> |

- 4 Click Cancel. Go to step [10](#).
- 5 Submit the changes and prepare the folder for adding a subfolder.
  - a Click Submit.
  - b Click the handle icon located next to the Language Versions tree to close the tree display.
  - c Click the handle icon located next to the Language Versions tree again, to open the tree display.
  - d In the tree display, click the folder that you just finished editing.
- 6 Click the New button on the menu tool bar.

*The Language Version Property Editor window opens.*

### Language Version Property Editor window.



Language Version Property Editor

ID:

Set type:

Selector value:

Is Default

Java Applet Window

- 7 In the Language Version Property Editor window for the new subfolder, enter the following information:
- **Set type** - This field determines the content of the folder.  
*Note:* A language version folder or subfolder with the “Variable Audio” set type cannot contain any subfolders.
  - **Selector value** - This field defines the form of the contents of the folder relative to the set type of the parent folder. For example, if the set type of the parent folder is “Gender,” then the selector value of the subfolder can be either “Female,” “Male,” or “Neutral.”
  - **Is default** - This field enables you to designate the “default element,” or the form of the audio the system will play in the absence of specific instruction in call processing translations.

---

| <b>If</b>                        | <b>Do</b>              |
|----------------------------------|------------------------|
| you want to cancel               | step <a href="#">8</a> |
| you want to submit the operation | step <a href="#">9</a> |

---

- 8 Click Cancel. Go to step [10](#).
- 9 Click Submit.
- 10 You have completed this procedure.

## Editing language version properties

This procedure enables you to change the properties of a language version folder.

The system allows you to change the selector type of a folder to any of the selector types listed in the menu only if the folder does not contain subfolders or physical segments. Since selector type “language” is reserved for the implicit root node of the Language Version tree, it does not appear in the menu. In addition, the system does not display in the menu selector values already used for other children of the parent. If the purpose of the folder is to contain audio, you should assign it selector type “Variable Audio.”

If you assign the edited language folder as the default element for the parent, then the system turns off the current default for the parent.

### Editing language version properties

#### *At the APS Audio Management Tool screen*

- 1 Expand the Language Versions folder in the Audio Container tree.

*A list of language version subfolders appears in the Audio Container tree.*

- 2 Select a language version subfolder you want to edit.
- 3 Click the Edit button on the menu tool bar.

*The Language Version Property Editor window opens.*

- 4 In the Language Version Property Editor window, select the following:

- Set type
- Selector value
- Is default

| <b>If</b>                        | <b>Do</b>              |
|----------------------------------|------------------------|
| you want to cancel               | step <a href="#">5</a> |
| you want to submit the operation | step <a href="#">6</a> |

- 5 Click Cancel. Go to step [7](#).
- 6 Click Submit.
- 7 You have completed this procedure.

---

## Adding physical segments to a language version folder

---

This procedure enables you to add one or more physical segments to a language version folder. The physical segments can be either new segments or replacements for existing segments.

**Note:** Before performing this procedure, raw audio files must be placed in the bulk import directory through FTP. For more information on importing raw audio files see [Importing physical segments on page 195](#). In addition, a language version folder, which either does or does not contain physical segments, and which has a selector type “Variable Audio” must already exist.

For the appropriate audio file names refer to the audio reference files listed in [APS GUI Language Audio Files on page 57](#).

### Adding physical segments to a language version folder

#### *At the APS Audio Management Tool screen*

- 1 Select the Language Versions folder in the Audio Container tree.  
*The Contents table is populated with a list of language version subfolders.*
- 2 Select a language version subfolder that has the selector type, “Variable Audio.”
- 3 Click the Bulk Import button on the menu tool bar.  
*The Confirm Bulk Add Language Version window opens.*  
**Note:** Performing a bulk import of segments to language version folder is a database-, cpu-, and network-intensive operation. Therefore, bulk import operations should be coordinated in order to minimize the impact on APS GUI users.
- 4 Click OK.  
*The Language Version Audio Properties window opens.*

## Language Version Audio Properties window

Language Version Audio Properties

Format: MUPCM mulaw physical

Language:

Voice Talent:

Recording Date (mm/dd/yyyy):

Keep in Cache

Description:

Release Notes:

User Defined Field 1

Field Type: Time

Field Value: 12 Hour Time

User Defined Field 2

Field Type: Time

Field Value: 12 Hour Time

Originator: admin

Origination Date: May 31, 2001

Modified By: admin

Modification Date: May 31, 2001

Submit Cancel

Java Applet Window

- 5 Enter the following information about the physical segments:
- Description
  - Language

- Release Notes
- Format (mandatory)
- Voice Talent
- Recording Date (mandatory)
- Keep in Cache
- User Defined Field 1
- User Defined Field 2

**Note:** The system applies the information you enter to every physical segment that you add or replace in the language version folder.

---

| <b>If</b>                        | <b>Do</b>              |
|----------------------------------|------------------------|
| you want to cancel               | step <a href="#">6</a> |
| you want to submit the operation | step <a href="#">7</a> |

---

**6** Click Cancel. Go to step [8](#).

**7** Click Submit.

*The system displays the processed segments in the Contents table.*

**8** You have completed this procedure.

---

## Deleting a language version folder

---

This procedure enables you to delete a language version folder, its subfolders, and variable audio.

**Note:** The target folder is not the default element for the parent folder unless it is the only child of the parent folder.

### Deleting a language version folder

#### *At the APS Audio Management Tool screen*

- 1 Select the Language Versions folder in the Audio Container tree.  
*The Contents table is populated with a list of language version subfolders.*
- 2 Select the language version subfolder to be deleted.
- 3 Click the Delete button on the menu tool bar.  
*The Delete Language Version Warning window opens.*

---

| <b>If</b>                       | <b>Do</b>              |
|---------------------------------|------------------------|
| you want to cancel              | step <a href="#">4</a> |
| you want to submit the deletion | step <a href="#">5</a> |

---

- 4 Click Cancel. Go to step [6](#).
- 5 Click OK.
- 6 You have completed this procedure.

---

## Accessing a physical segment from a language version folder

---

### Accessing a physical segment from a language version folder

#### *At the APS Audio Management Tool screen*

- 1 Expand the Language Versions folder in the Audio Container Tree.  
*A list of language version subfolders displays in the Audio Container Tree.*
- 2 In the Audio Container Tree, select the language version subfolder from which segments are to be accessed.  
*The Contents table is populated with the segments in the language version subfolder.*
- 3 Select a physical segment in the Contents table.
- 4 You can perform the following operations to the physical segment:
  - a Edit the physical segment. For more information, see the procedure [Editing physical segment properties on page 199](#).
  - b Replace the physical segment using the Replace Audio button located on the tool bar menu.
  - c Find reference to the physical segment. For more information, see the procedure [Finding references to a segment on page 267](#).
  - d Copy a physical segment. For more information, see the procedures [Adding segments to an audio set on page 223](#) and [Adding segments to an audio sequence on page 237](#).
  - e Clone a physical segment. For more information, see the procedure [Cloning a physical segment on page 203](#).
  - f Delete the segment from the folder. For more information, see the procedure [Deleting physical segments from a language version folder on page 264](#).
- 5 You have completed this procedure.

---

## Deleting physical segments from a language version folder

---

### Deleting physical segments from a language version folder

#### *At the APS Audio Management Tool screen*

- 1** Select the Language Versions folder in the Audio Container tree.  
*A list of language version subfolders displays in the Audio Container Tree*
- 2** Select the language version subfolder from which segments are to be deleted.
- 3** Select a physical segment in the Contents table.
- 4** Click the Delete button on the menu tool bar.  
*A confirmation dialog window opens.*
- 5** Click OK.  
*The system removes the selected physical segments from the language version subfolder and the database.*
- 6** You have completed this procedure.

## Finding provisionable entities

This procedure enables you to locate one or more IDs related to the selected provisionable entity in the database that meet the search criteria.

The search criteria fields: ID, Title, Alias, Originator, Modified By, and Description provide the option to check the Match Whole Word box. The search criteria fields: Origination Date and Modification Date provide the option to check the Exact box, Before box, or After box.

### Finding provisionable entities

#### *At the APS Audio Management Tool screen*

- 1 Click the Find Provisionable Entity button on the menu tool bar.  
*The Find window opens.*

#### Find window

The screenshot shows a Java Applet Window titled "Find". The window contains the following search criteria:

- Search Criteria**
  - Provisionable Entity Types**
    - Physical Segment
    - Export Package
    - Audio Sequence
    - Audio Set
    - Audio Variable
  - Common Attributes**
    - ID:   Match whole word
    - Title:   Match whole word
    - Alias:   Match whole word
    - Originator:   Match whole word
    - Modified By:   Match whole word
    - Description:   Match whole word
    - Origination Date:
      - Day:  None
      - Month:  None
      - Year:  None
      - Before
      - After
      - Exact
    - Modification Date:
      - Day:  None
      - Month:  None
      - Year:  None
      - Before
      - After
      - Exact

Buttons: Submit, Cancel

Java Applet Window

- 2 Click the radio button next to the provisionable entity type that you want to find in the database.
- 3 Enter any of the following information in the search criteria fields:

**Note:** If you do not enter anything in the search criteria fields, the system will find all IDs for the specified provisionable entity.

- ID
- Title
- Alias
- Originator
- Modified by
- Description
- Origination Date
- Modification Date

---

| <b>If</b>                      | <b>Do</b>              |
|--------------------------------|------------------------|
| you want to submit the request | step <a href="#">4</a> |
| you want to cancel the request | step <a href="#">5</a> |

---

- 4 Click Submit.  
*The system displays a list of provisionable entities in the Provisionable Entity List window.*
  - a Click the Close button after you have finished reviewing the list of IDs found.
  - b Go to step [6](#).
- 5 Click Cancel.
- 6 You have completed this procedure.

## Finding references to a segment

This procedure enables you to locate all references to the specified segment in the database.

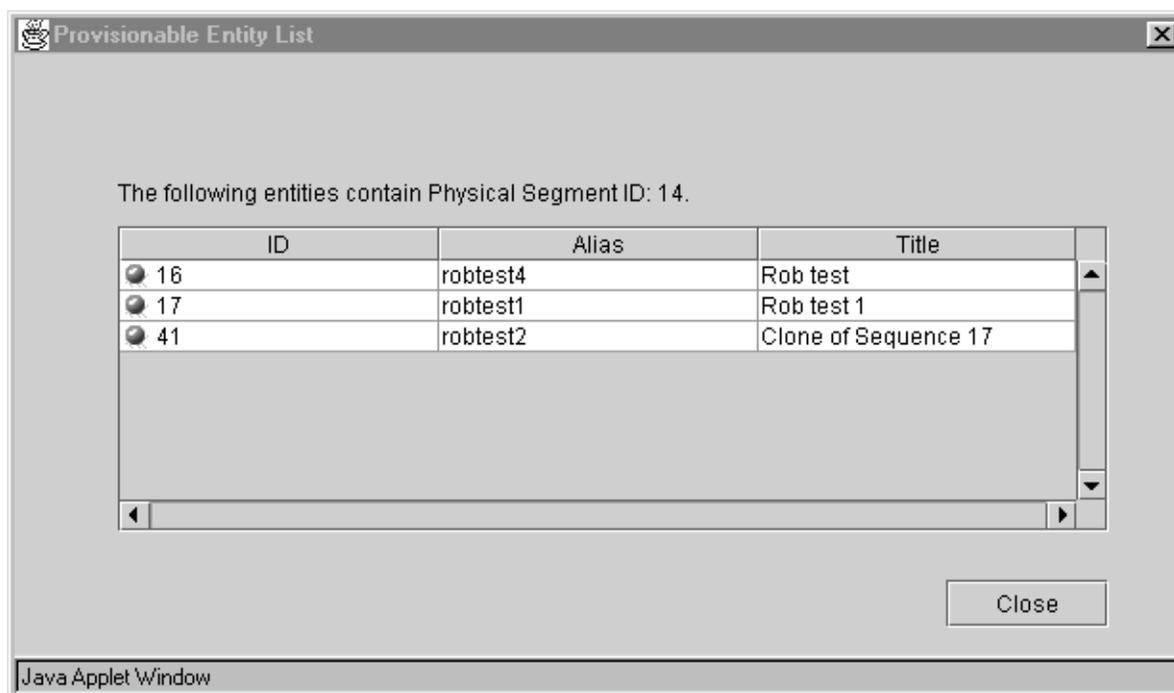
### Finding references to a segment

#### *At the APS Audio Management Tool screen*

- 1 Select a segment in the Contents table, the Audio Container tree, or the Physical Segments table.
- 2 Click the Find Reference To button on the menu tool bar.

*The Provisionable Entity List window opens, containing a list of provisionable entities that contain the segment.*

### Provisionable Entity List window



- 3 Click Close.
- 4 You have completed this procedure.

## Deleting a provisionable entity

---

This procedure enables you to delete a provisionable entity from the database. An item to be deleted cannot be contained in another item.

**Note 1:** When used to delete physical segments or export packages from the database, this procedure automatically removes the association between the segment or package from any program groups.

**Note 2:** The segments in a container do not have to be removed before a provisionable entity can be deleted.

### Deleting a provisionable entity

#### *At the APS Audio Management Tool screen*

- 1 Select a provisionable entity to delete in the Audio Container Tree, the Contents table, or the Physical Segments table.
- 2 Click the Delete button on the menu tool bar.

*The Delete Provisionable Entity Warning window opens.*

---

| <b>If</b>                                                | <b>Do</b>              |
|----------------------------------------------------------|------------------------|
| you want to submit the deletion                          | step <a href="#">3</a> |
| you want to cancel                                       | step <a href="#">4</a> |
| the segment is contained in another provisionable entity | step <a href="#">5</a> |

---

- 3 Click OK. Go to step [7](#).
- 4 Click Cancel. Go to step [7](#).
- 5 The Provisionable Entity window opens. The system informs you that the segment must be cut from the list of provisionable entities before you can delete the entity.
- 6 Click Close.
- 7 You have completed this procedure.

## Setting a container filter

### Setting a container filter

#### *At the APS Audio Management Tool screen*

- 1 Select a folder in the Audio Container tree for which you want to set a container filter.
- 2 Click the Filter button in the Contents panel.

*The Filter window opens. The Start ID and End ID default to the wildcard (\*).*

**Note:** An asterisk (\*) entered in the start ID and end ID fields indicates all IDs for the provisionable entity type. Numeric start and end IDs can be entered instead. Entering either a start ID that is greater than the end ID or an invalid value will cause an error.

### Filter window

Filter

ID Range

Start ID: \* End ID: \*

Include Versions

Latest version only  All versions

OK Cancel

Java Applet Window

- 3** Enter a Start ID and End ID or keep the default values.
- 
- | <b>If</b>                                   | <b>Do</b>              |
|---------------------------------------------|------------------------|
| you want to include the latest version only | step <a href="#">4</a> |
| you want to include all versions            | step <a href="#">5</a> |
| you want to cancel                          | step <a href="#">6</a> |
- 
- 4** Click the Latest Version Only radio button.
- a** Click OK.
  - b** Go to step [7](#).
- 5** Enter a Start ID and End ID or keep the current settings.
- a** Click the All Versions Radio button.
  - b** Click OK.
  - c** Go to step [7](#).
- 6** Click Cancel.
- 7** You have completed this procedure.

---

## Cutting a segment from a container

---

This section describes how to cut a segment from a container such as a package, sequence, or set.

### Cutting a segment from a container

#### *At the APS Audio Management Tool screen*

- 1 Select the desired containers folder in the Audio Container tree.
- 2 Expand the provisionable entity in the Audio Container tree that contains the segment you wish to cut.

*The Contents table is populated with the segments contained in the provisionable entity.*

- 3 In the Contents table, select the segment you wish to cut.

**Note:** You can select more than one segment by holding down the Shift or Ctrl key on your keyboard and click with your left mouse button.

- 4 Click the Cut button on the menu tool bar.

*A Warning window opens.*

**Note:** You cannot cut the default segment from a set unless it is the last entity in the set or unless all segments in the set have been selected to be cut.

---

| <b>If</b>                            | <b>Do</b>              |
|--------------------------------------|------------------------|
| you want to submit the change        | step <a href="#">5</a> |
| you want to cancel the cut operation | step <a href="#">6</a> |

---

- 5 Click OK. Go to step [7](#).
- 6 Click Cancel.
- 7 You have completed this procedure.

## Correcting an invalid or non-unique alias

This procedure enables you to correct an invalid or non-unique alias when you are performing one of the Audio Management procedures.

An alias must be less than or equal to 10 characters. If the alias is a number, it must not be a valid segment ID, unless it is the segment ID of the physical segment to which the alias is being assigned. For example, if a physical segment is labeled with segment ID “52,” the alias can also be “52,” an alphabetic string like “fiftytwo,” or a numeric value that is not a valid segment ID like “9999999999.” The alias, in this instance, cannot be a valid segment ID like “47.”

### Correcting an invalid or non-unique alias

#### *At the APS Audio Management Tool screen*

- 1 Determine whether an invalid alias or a non-unique alias is to be corrected.

---

**If**

you have entered a non-unique alias

---

**Do**

step [2](#)

---

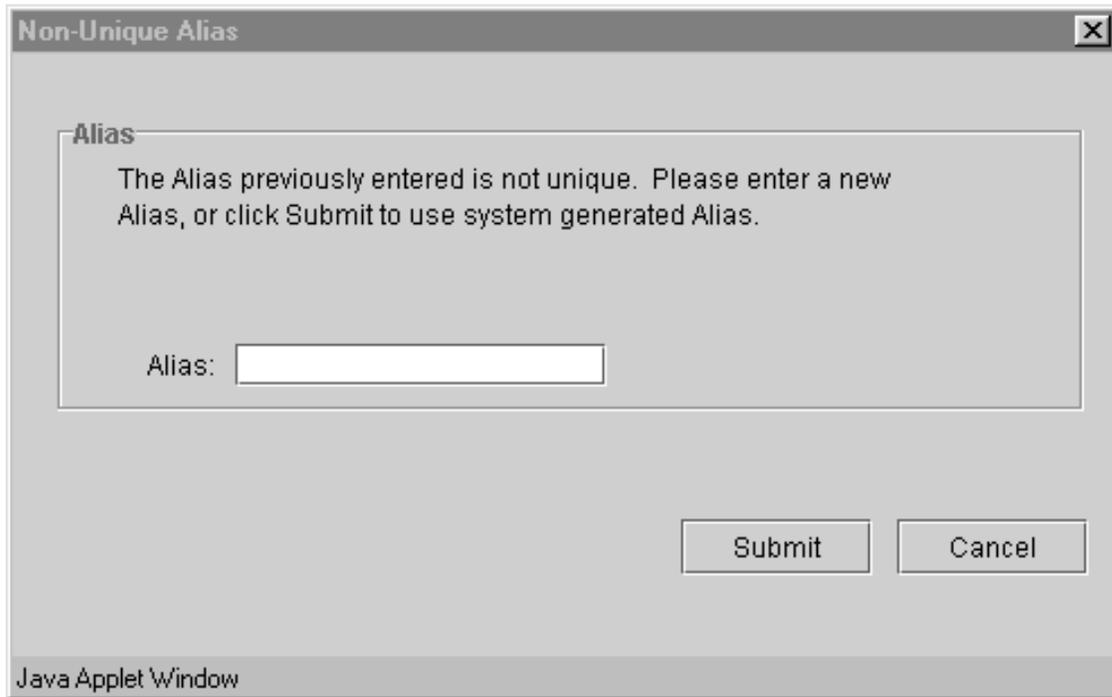
you have entered an invalid alias

step [3](#)

---

- 2 The Non-Unique Alias window opens.

### Non-Unique Alias window



Perform one of the following steps:

- a** Enter a unique alias and click Submit. Go to step [4](#).  
*The system accepts the unique alias.*
  - b** Do not enter a unique alias and click Submit. Go to step [4](#).  
*The system assigns a unique alias.*
  - c** Click Cancel. Click OK. Go to step [4](#).  
*The system cancels the operation.*
- 3** Click OK in the error dialog window.
  - a** In the editor screen where the error occurred, enter a valid alias.
  - b** Click Submit.
- 4** You have completed this procedure. Return to the step in the procedure from which this procedure was referred.

## Correcting an invalid or non-unique segment ID

This procedure enables you to correct an invalid or non-unique segment ID when you are performing one of the Audio Management procedures.

A segment ID must be less than or equal to 10 characters, a valid number, and within the range of segment IDs.

### Correcting an invalid or non-unique segment ID

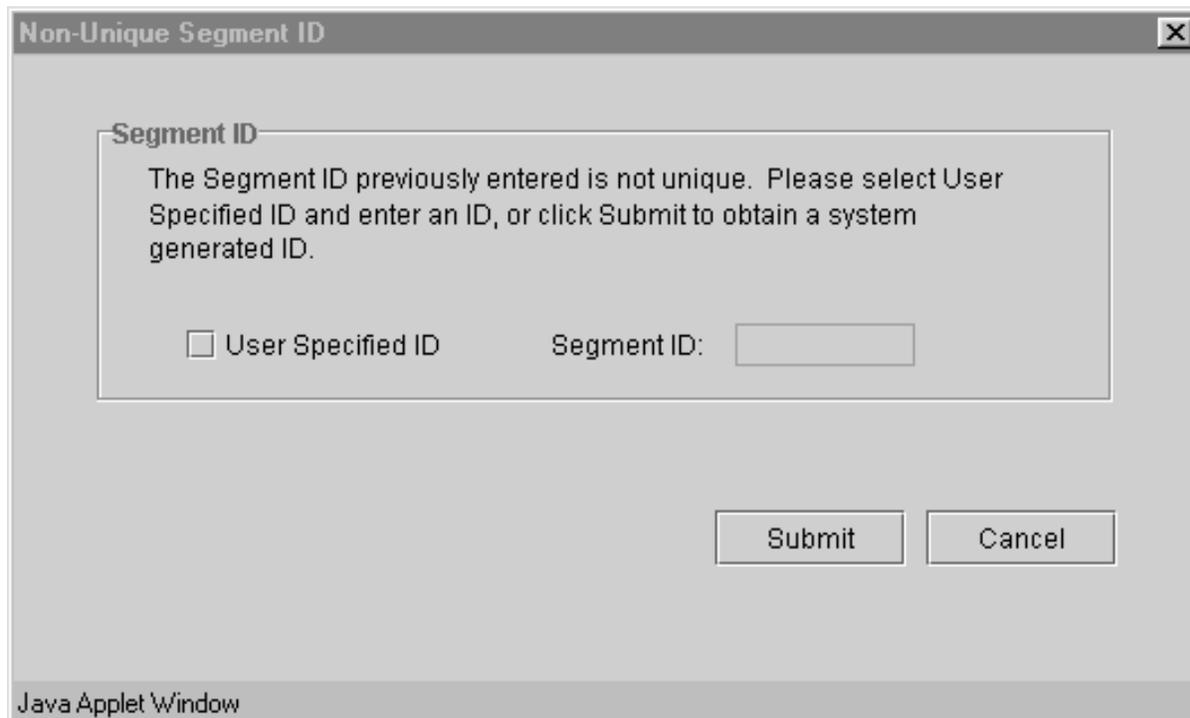
#### *At the APS Audio Management Tool screen*

- 1 Determine whether an invalid segment ID or a non-unique segment ID is to be corrected.

| <b>If</b>                                | <b>Do</b>              |
|------------------------------------------|------------------------|
| you have entered a non-unique segment ID | step <a href="#">2</a> |
| you have entered an invalid segment ID   | step <a href="#">3</a> |

- 2 The Non-Unique Segment ID window opens.

## Non-Unique Segment ID window



Perform one of the following steps:

- a** Enter a unique segment ID and click Submit. Go to step [4](#).  
*The system accepts the unique segment ID.*
  - b** Do not enter a unique segment ID and click Submit. Go to step [4](#).  
*The system assigns a unique segment ID.*
  - c** Click Cancel. Click OK. Go to step [4](#).  
*The system cancels the operation.*
- 3** Click OK in the error dialog window.
  - a** In the editor screen where the error occurred, enter a valid segment ID.
  - b** Click Submit.
- 4** You have completed this procedure. Return to the step in the procedure from which this procedure was referred.

---

## Correcting invalid aliases and segment IDs

---

This procedure enables you to correct both invalid aliases and invalid segment IDs at one time, when both elements are determined to be in error while one of the Audio Management procedures is being performed.

An alias must be less than or equal to 10 characters. If the alias is a number, it must not be a valid segment ID, excluding the assigned segment ID for a new physical segment.

A segment ID must be less than or equal to 10 characters, a valid number, and within the range of segment IDs.

### Correcting invalid aliases and segment IDs

#### *At the APS Audio Management Tool screen*

- 1 The Invalid Segment ID window opens.
  - a Click OK.
- 2 The Invalid Alias window opens.
  - a Click OK.
- 3 Enter a valid segment ID and a valid alias in the property editor screen where the error occurred.
  - a Click Submit.
- 4 You have completed this procedure. Return to the step in the procedure from which this procedure was referred.

---

## Correcting non-unique aliases and segment IDs

---

This section enables you to correct both non-unique aliases and non-unique segment IDs at one time, when both elements are determined to be in error while one of the Audio Management procedures is being performed.

An alias must be less than or equal to 10 characters. If the alias is a number, it must not be a valid segment ID, excluding the assigned segment ID for a new physical segment.

A segment ID must be less than or equal to 10 characters, a valid number, and within the range of segment IDs.

### Correcting non-unique aliases and segment IDs

#### *At the APS Audio Management Tool screen*

- 1 The Non-Unique Segment ID and Alias window opens.

## Non-Unique Segment ID and Alias window

**Segment ID**

The Segment ID previously entered is not unique. Please click on User Specified ID and enter an ID, or click Submit to obtain a system generated ID.

User specified ID      Segment ID:

**Alias**

The Alias previously entered is not unique. Please enter a new Alias, or click Submit to use a system generated Alias.

Alias:

Submit      Cancel

Java Applet Window

Perform the following steps:

- a** Enter a unique segment ID.
  - b** Enter a unique alias.
  - c** Click Submit.
- 2** You have completed this procedure. Return to the step in the procedure from which this procedure was referred.

---

## Basque audio files

---

**Note 1:** Only record audio file names eus732–eus838 if the user provisions audio files for ordinal numbers.

**Note 2:** Only record audio file names eus1416–eus1482 if the user provisions audio files for this currency.

**Note 3:** Only record the audio file names eus932–eus996 if the user provisions audio files for these words.

**Note 4:** Only record audio file names eus1668–eus1714 if the user provisions audio files for these words. Default multilanguage functionality for months uses the indeterminate form. The date functionality uses the month form. All other forms are optional and must be requested through audio provisioning.

**Note 5:** Only record audio file names eus1716–eus1742 if the user provisions audio for these words. Default multilanguage functionality for the days uses the indeterminate form. All other forms are optional and must be requested through audio provisioning.

**Note 6:** Audio file names eus952–eus958 are only used when the by, at, or from suffixes are specified with the time functionality. Time in its base form uses the determinate or non-determinate article form of hour.

**Note 7:** Only record audio file names eus0–eus502 if the user provisions audio for these words. If these words are not used, do not record these forms of numbers. Some of the numbers are used with the time functionality and would be required if the appropriate suffix is specified for time (see Note 8).

**Note 8:** Audio file names eus3000–eus3942 are required for time functionality (hours use the plural form of number) when using designated suffixes from the table.

**Note 9:** Use audio file names eus508–eus610 for the multilanguage functionality. Recording of this audio is optional and the content of the

recording can be any word. This audio is only required when the strings functionality is used.

### Basque audio (Sheet 1 of 64)

| Basque phrase or English equivalent | English | Phrase intonation | File name |
|-------------------------------------|---------|-------------------|-----------|
| zero                                | zero    | flat              | eus0      |
|                                     |         | rising            | eus1      |
|                                     |         | falling           | eus2      |
| bat                                 | one     | flat              | eus8      |
|                                     |         | rising            | eus9      |
|                                     |         | falling           | eus10     |
| bi                                  | two     | flat              | eus12     |
|                                     |         | rising            | eus13     |
|                                     |         | falling           | eus14     |
| hiru                                | three   | flat              | eus16     |
|                                     |         | rising            | eus17     |
|                                     |         | falling           | eus18     |
| lau                                 | four    | flat              | eus20     |
|                                     |         | rising            | eus21     |
|                                     |         | falling           | eus22     |
| bost                                | five    | flat              | eus24     |
|                                     |         | rising            | eus25     |
|                                     |         | falling           | eus26     |
| sei                                 | six     | flat              | eus28     |
|                                     |         | rising            | eus29     |
|                                     |         | falling           | eus30     |
| zazpi                               | seven   | flat              | eus32     |
|                                     |         | rising            | eus33     |
|                                     |         | falling           | eus34     |

**Basque audio (Sheet 2 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| zortzi                                     | eight          | flat                     | eus36            |
|                                            |                | rising                   | eus37            |
|                                            |                | falling                  | eus38            |
| bederatzi                                  | nine           | flat                     | eus40            |
|                                            |                | rising                   | eus41            |
|                                            |                | falling                  | eus42            |
| hamar                                      | ten            | flat                     | eus56            |
|                                            |                | rising                   | eus57            |
|                                            |                | falling                  | eus58            |
| hamaika                                    | eleven         | flat                     | eus60            |
|                                            |                | rising                   | eus61            |
|                                            |                | falling                  | eus62            |
| hamabi                                     | twelve         | flat                     | eus64            |
|                                            |                | rising                   | eus65            |
|                                            |                | falling                  | eus66            |
| hamahiru                                   | thirteen       | flat                     | eus68            |
|                                            |                | rising                   | eus69            |
|                                            |                | falling                  | eus70            |
| hamalau                                    | fourteen       | flat                     | eus72            |
|                                            |                | rising                   | eus73            |
|                                            |                | falling                  | eus74            |
| hamabost                                   | fifteen        | flat                     | eus76            |
|                                            |                | rising                   | eus77            |
|                                            |                | falling                  | eus78            |
| hamasei                                    | sixteen        | flat                     | eus80            |
|                                            |                | rising                   | eus81            |
|                                            |                | falling                  | eus82            |

**Basque audio (Sheet 3 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| hamazazpi                                  | seventeen      | flat                     | eus84            |
|                                            |                | rising                   | eus85            |
|                                            |                | falling                  | eus86            |
| hemezortzi                                 | eighteen       | flat                     | eus88            |
|                                            |                | rising                   | eus89            |
|                                            |                | falling                  | eus90            |
| hemeretzi                                  | nineteen       | flat                     | eus92            |
|                                            |                | rising                   | eus93            |
|                                            |                | falling                  | eus94            |
| hogei                                      | twenty         | flat                     | eus96            |
|                                            |                | rising                   | eus97            |
|                                            |                | falling                  | eus98            |
| berrogei                                   | forty          | flat                     | eus104           |
|                                            |                | rising                   | eus105           |
|                                            |                | falling                  | eus106           |
| hirurogei                                  | sixty          | flat                     | eus112           |
|                                            |                | rising                   | eus113           |
|                                            |                | falling                  | eus114           |
| laurogei                                   | eighty         | flat                     | eus120           |
|                                            |                | rising                   | eus121           |
|                                            |                | falling                  | eus122           |
| ehun                                       | one-hundred    | flat                     | eus132           |
|                                            |                | rising                   | eus133           |
|                                            |                | falling                  | eus134           |
| berrehun                                   | two-hundred    | flat                     | eus136           |
|                                            |                | rising                   | eus137           |
|                                            |                | falling                  | eus138           |

**Basque audio (Sheet 4 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| hirurehun                                  | three-hundred  | flat                     | eus140           |
|                                            |                | rising                   | eus141           |
|                                            |                | falling                  | eus142           |
| laurehun                                   | four-hundred   | flat                     | eus144           |
|                                            |                | rising                   | eus145           |
|                                            |                | falling                  | eus146           |
| bostehun                                   | five-hundred   | flat                     | eus148           |
|                                            |                | rising                   | eus149           |
|                                            |                | falling                  | eus150           |
| seiehun                                    | six-hundred    | flat                     | eus152           |
|                                            |                | rising                   | eus153           |
|                                            |                | falling                  | eus154           |
| zazpahun                                   | seven-hundred  | flat                     | eus156           |
|                                            |                | rising                   | eus157           |
|                                            |                | falling                  | eus158           |
| zortziehun                                 | eight-hundred  | flat                     | eus160           |
|                                            |                | rising                   | eus161           |
|                                            |                | falling                  | eus162           |
| bederatziehun                              | nine-hundred   | flat                     | eus164           |
|                                            |                | rising                   | eus165           |
|                                            |                | falling                  | eus166           |
| mila                                       | one-thousand   | flat                     | eus496           |
|                                            |                | rising                   | eus497           |
|                                            |                | falling                  | eus498           |
| milioi                                     | one-million    | flat                     | eus500           |
|                                            |                | rising                   | eus501           |
|                                            |                | falling                  | eus502           |

**Basque audio (Sheet 5 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | a              | flat                     | eus508           |
|                                            |                | rising                   | eus509           |
|                                            |                | falling                  | eus510           |
| optional                                   | b              | flat                     | eus512           |
|                                            |                | rising                   | eus513           |
|                                            |                | falling                  | eus514           |
| optional                                   | c              | flat                     | eus516           |
|                                            |                | rising                   | eus517           |
|                                            |                | falling                  | eus518           |
| optional                                   | d              | flat                     | eus520           |
|                                            |                | rising                   | eus521           |
|                                            |                | falling                  | eus522           |
| optional                                   | e              | flat                     | eus524           |
|                                            |                | rising                   | eus525           |
|                                            |                | falling                  | eus526           |
| optional                                   | f              | flat                     | eus528           |
|                                            |                | rising                   | eus529           |
|                                            |                | falling                  | eus530           |
| optional                                   | g              | flat                     | eus532           |
|                                            |                | rising                   | eus533           |
|                                            |                | falling                  | eus534           |
| optional                                   | h              | flat                     | eus536           |
|                                            |                | rising                   | eus537           |
|                                            |                | falling                  | eus538           |
| optional                                   | i              | flat                     | eus540           |
|                                            |                | rising                   | eus541           |
|                                            |                | falling                  | eus542           |

**Basque audio (Sheet 6 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | j              | flat                     | eus544           |
|                                            |                | rising                   | eus545           |
|                                            |                | falling                  | eus546           |
| optional                                   | k              | flat                     | eus548           |
|                                            |                | rising                   | eus549           |
|                                            |                | falling                  | eus550           |
| optional                                   | l              | flat                     | eus552           |
|                                            |                | rising                   | eus553           |
|                                            |                | falling                  | eus554           |
| optional                                   | m              | flat                     | eus556           |
|                                            |                | rising                   | eus557           |
|                                            |                | falling                  | eus558           |
| optional                                   | n              | flat                     | eus560           |
|                                            |                | rising                   | eus561           |
|                                            |                | falling                  | eus562           |
| optional                                   | o              | flat                     | eus564           |
|                                            |                | rising                   | eus565           |
|                                            |                | falling                  | eus566           |
| optional                                   | p              | flat                     | eus568           |
|                                            |                | rising                   | eus569           |
|                                            |                | falling                  | eus570           |
| optional                                   | q              | flat                     | eus572           |
|                                            |                | rising                   | eus573           |
|                                            |                | falling                  | eus574           |
| optional                                   | r              | flat                     | eus576           |
|                                            |                | rising                   | eus577           |
|                                            |                | falling                  | eus578           |

**Basque audio (Sheet 7 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | s              | flat                     | eus580           |
|                                            |                | rising                   | eus581           |
|                                            |                | falling                  | eus582           |
| optional                                   | t              | flat                     | eus584           |
|                                            |                | rising                   | eus585           |
|                                            |                | falling                  | eus586           |
| optional                                   | u              | flat                     | eus588           |
|                                            |                | rising                   | eus589           |
|                                            |                | falling                  | eus590           |
| optional                                   | v              | flat                     | eus592           |
|                                            |                | rising                   | eus593           |
|                                            |                | falling                  | eus594           |
| optional                                   | w              | flat                     | eus596           |
|                                            |                | rising                   | eus597           |
|                                            |                | falling                  | eus598           |
| optional                                   | x              | flat                     | eus600           |
|                                            |                | rising                   | eus601           |
|                                            |                | falling                  | eus602           |
| optional                                   | y              | flat                     | eus604           |
|                                            |                | rising                   | eus605           |
|                                            |                | falling                  | eus606           |
| optional                                   | z              | flat                     | eus608           |
|                                            |                | rising                   | eus609           |
|                                            |                | falling                  | eus610           |
| negatiu                                    | minus          | flat                     | eus616           |
|                                            |                | rising                   | eus617           |
|                                            |                | falling                  | eus618           |

**Basque audio (Sheet 8 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-------------------|--------------------------|------------------|
| eta                                        | and               | flat                     | eus620           |
|                                            |                   | rising                   | eus621           |
|                                            |                   | falling                  | eus622           |
| ordu                                       | hour              | flat                     | eus624           |
|                                            |                   | rising                   | eus625           |
|                                            |                   | falling                  | eus626           |
| ordua                                      | hour (w/ article) | flat                     | eus628           |
|                                            |                   | rising                   | eus629           |
|                                            |                   | falling                  | eus630           |
| minutu                                     | minute            | flat                     | eus632           |
|                                            |                   | rising                   | eus633           |
|                                            |                   | falling                  | eus634           |
| segundo                                    | second            | flat                     | eus640           |
|                                            |                   | rising                   | eus641           |
|                                            |                   | falling                  | eus642           |
| urtarril                                   | January           | flat                     | eus648           |
|                                            |                   | rising                   | eus649           |
|                                            |                   | falling                  | eus650           |
| otsail                                     | February          | flat                     | eus652           |
|                                            |                   | rising                   | eus653           |
|                                            |                   | falling                  | eus654           |
| martxo                                     | March             | flat                     | eus656           |
|                                            |                   | rising                   | eus657           |
|                                            |                   | falling                  | eus658           |
| apiril                                     | April             | flat                     | eus660           |
|                                            |                   | rising                   | eus661           |
|                                            |                   | falling                  | eus662           |

**Basque audio (Sheet 9 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| maiatz                                     | May            | flat                     | eus664           |
|                                            |                | rising                   | eus665           |
|                                            |                | falling                  | eus666           |
| ekain                                      | June           | flat                     | eus668           |
|                                            |                | rising                   | eus669           |
|                                            |                | falling                  | eus670           |
| uztail                                     | July           | flat                     | eus672           |
|                                            |                | rising                   | eus673           |
|                                            |                | falling                  | eus674           |
| abuztu                                     | August         | flat                     | eus676           |
|                                            |                | rising                   | eus677           |
|                                            |                | falling                  | eus678           |
| irail                                      | September      | flat                     | eus680           |
|                                            |                | rising                   | eus681           |
|                                            |                | falling                  | eus682           |
| urri                                       | October        | flat                     | eus684           |
|                                            |                | rising                   | eus685           |
|                                            |                | falling                  | eus686           |
| azaro                                      | November       | flat                     | eus688           |
|                                            |                | rising                   | eus689           |
|                                            |                | falling                  | eus690           |
| abendu                                     | December       | flat                     | eus692           |
|                                            |                | rising                   | eus693           |
|                                            |                | falling                  | eus694           |
| igande                                     | Sunday         | flat                     | eus696           |
|                                            |                | rising                   | eus697           |
|                                            |                | falling                  | eus698           |

**Basque audio (Sheet 10 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| astelehen                                  | Monday         | flat                     | eus700           |
|                                            |                | rising                   | eus701           |
|                                            |                | falling                  | eus702           |
| astearte                                   | Tuesday        | flat                     | eus704           |
|                                            |                | rising                   | eus705           |
|                                            |                | falling                  | eus706           |
| asteazken                                  | Wednesday      | flat                     | eus708           |
|                                            |                | rising                   | eus709           |
|                                            |                | falling                  | eus710           |
| ostegun                                    | Thursday       | flat                     | eus712           |
|                                            |                | rising                   | eus713           |
|                                            |                | falling                  | eus714           |
| ostiral                                    | Friday         | flat                     | eus716           |
|                                            |                | rising                   | eus717           |
|                                            |                | falling                  | eus718           |
| larunbat                                   | Saturday       | flat                     | eus720           |
|                                            |                | rising                   | eus721           |
|                                            |                | falling                  | eus722           |
| leheneng                                   | first          | flat                     | eus728           |
|                                            |                | rising                   | eus729           |
|                                            |                | falling                  | eus730           |
| bigarren                                   | second         | flat                     | eus732           |
|                                            |                | rising                   | eus733           |
|                                            |                | falling                  | eus734           |
| hirugarren                                 | third          | flat                     | eus736           |
|                                            |                | rising                   | eus737           |
|                                            |                | falling                  | eus738           |

**Basque audio (Sheet 11 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| laugarren                                  | fourth         | flat                     | eus740           |
|                                            |                | rising                   | eus741           |
|                                            |                | falling                  | eus742           |
| bosgarren                                  | fifth          | flat                     | eus744           |
|                                            |                | rising                   | eus745           |
|                                            |                | falling                  | eus746           |
| seigarren                                  | sixth          | flat                     | eus748           |
|                                            |                | rising                   | eus749           |
|                                            |                | falling                  | eus750           |
| zazpigarren                                | seventh        | flat                     | eus752           |
|                                            |                | rising                   | eus753           |
|                                            |                | falling                  | eus754           |
| zortzigarren                               | eighth         | flat                     | eus756           |
|                                            |                | rising                   | eus757           |
|                                            |                | falling                  | eus758           |
| bederatzigarren                            | ninth          | flat                     | eus760           |
|                                            |                | rising                   | eus761           |
|                                            |                | falling                  | eus762           |
| hamargarren                                | tenth          | flat                     | eus764           |
|                                            |                | rising                   | eus765           |
|                                            |                | falling                  | eus766           |
| hamaikagarren                              | eleventh       | flat                     | eus768           |
|                                            |                | rising                   | eus769           |
|                                            |                | falling                  | eus770           |
| hamabigarren                               | twelfth        | flat                     | eus772           |
|                                            |                | rising                   | eus773           |
|                                            |                | falling                  | eus774           |

**Basque audio (Sheet 12 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| hamahirugarren                             | thirteenth     | flat                     | eus776           |
|                                            |                | rising                   | eus777           |
|                                            |                | falling                  | eus778           |
| hamalauugarren                             | fourteenth     | flat                     | eus780           |
|                                            |                | rising                   | eus781           |
|                                            |                | falling                  | eus782           |
| hamabosgarren                              | fifteenth      | flat                     | eus784           |
|                                            |                | rising                   | eus785           |
|                                            |                | falling                  | eus786           |
| hamaseigarren                              | sixteenth      | flat                     | eus788           |
|                                            |                | rising                   | eus789           |
|                                            |                | falling                  | eus790           |
| hamazaspigarren                            | seventeenth    | flat                     | eus792           |
|                                            |                | rising                   | eus793           |
|                                            |                | falling                  | eus794           |
| hemezortzigarren                           | eighteenth     | flat                     | eus796           |
|                                            |                | rising                   | eus797           |
|                                            |                | falling                  | eus798           |
| hemeretzigarren                            | nineteenth     | flat                     | eus800           |
|                                            |                | rising                   | eus801           |
|                                            |                | falling                  | eus802           |
| hogeigarre                                 | twentieth      | flat                     | eus804           |
|                                            |                | rising                   | eus805           |
|                                            |                | falling                  | eus806           |
| berrogeigarren                             | fortieth       | flat                     | eus812           |
|                                            |                | rising                   | eus813           |
|                                            |                | falling                  | eus814           |

**Basque audio (Sheet 13 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>       | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------------|--------------------------|------------------|
| hirurogeigarren                            |                      | flat                     | eus820           |
|                                            |                      | rising                   | eus821           |
|                                            |                      | falling                  | eus822           |
| laurogeigarren                             | eightieth            | flat                     | eus828           |
|                                            |                      | rising                   | eus829           |
|                                            |                      | falling                  | eus830           |
| ehungarren                                 | one-hundredth        | flat                     | eus836           |
|                                            |                      | rising                   | eus837           |
|                                            |                      | falling                  | eus838           |
| laukitxo                                   | pound sign<br>(#)    | flat                     | eus896           |
|                                            |                      | rising                   | eus897           |
|                                            |                      | falling                  | eus898           |
| izartxo                                    | asterisk<br>(*)      | flat                     | eus900           |
|                                            |                      | rising                   | eus901           |
|                                            |                      | falling                  | eus902           |
| dollar                                     | dollar<br>(US)       | flat                     | eus1200          |
|                                            |                      | rising                   | eus1201          |
|                                            |                      | falling                  | eus1202          |
| cent                                       | cent<br>(US)         | flat                     | eus1208          |
|                                            |                      | rising                   | eus1209          |
|                                            |                      | falling                  | eus1210          |
| mark                                       | mark<br>(Germany)    | flat                     | eus1216          |
|                                            |                      | rising                   | eus1217          |
|                                            |                      | falling                  | eus1218          |
| pfennig                                    | pfennig<br>(Germany) | flat                     | eus1224          |
|                                            |                      | rising                   | eus1225          |
|                                            |                      | falling                  | eus1226          |

**Basque audio (Sheet 14 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|--------------------------|--------------------------|------------------|
| yen                                        | yen<br>(Japan)           | flat                     | eus1232          |
|                                            |                          | rising                   | eus1233          |
|                                            |                          | falling                  | eus1234          |
| lira                                       | lira<br>(Italy)          | flat                     | eus1240          |
|                                            |                          | rising                   | eus1241          |
|                                            |                          | falling                  | eus1242          |
| guilder                                    | guilder<br>(Netherlands) | flat                     | eus1248          |
|                                            |                          | rising                   | eus1249          |
|                                            |                          | falling                  | eus1250          |
| cent                                       | cent<br>(Netherlands)    | flat                     | eus1256          |
|                                            |                          | rising                   | eus1257          |
|                                            |                          | falling                  | eus1258          |
| pound                                      | pound<br>(UK)            | flat                     | eus1264          |
|                                            |                          | rising                   | eus1265          |
|                                            |                          | falling                  | eus1266          |
| penny                                      | penny<br>(UK)            | flat                     | eus1272          |
|                                            |                          | rising                   | eus1273          |
|                                            |                          | falling                  | eus1274          |
| euro                                       | euro<br>(Euro)           | flat                     | eus1280          |
|                                            |                          | rising                   | eus1281          |
|                                            |                          | falling                  | eus1282          |
| eurocent                                   | eurocent<br>(Euro)       | flat                     | eus1288          |
|                                            |                          | rising                   | eus1289          |
|                                            |                          | falling                  | eus1290          |
| franc                                      | franc<br>(France)        | flat                     | eus1296          |
|                                            |                          | rising                   | eus1297          |
|                                            |                          | falling                  | eus1298          |

**Basque audio (Sheet 15 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|--------------------------|--------------------------|------------------|
| centime                                    | centime<br>(France)      | flat                     | eus1304          |
|                                            |                          | rising                   | eus1305          |
|                                            |                          | falling                  | eus1306          |
| peseta                                     | peseta<br>(Spain)        | flat                     | eus1312          |
|                                            |                          | rising                   | eus1313          |
|                                            |                          | falling                  | eus1314          |
| peso                                       | peso<br>(Philippines)    | flat                     | eus1328          |
|                                            |                          | rising                   | eus1329          |
|                                            |                          | falling                  | eus1330          |
| centavo                                    | centavo<br>(Philippines) | flat                     | eus1336          |
|                                            |                          | rising                   | eus1337          |
|                                            |                          | falling                  | eus1338          |
| ringgit                                    | ringgit<br>(Malaysia)    | flat                     | eus1344          |
|                                            |                          | rising                   | eus1345          |
|                                            |                          | falling                  | eus1346          |
| sen                                        | sen<br>(Malaysia)        | flat                     | eus1352          |
|                                            |                          | rising                   | eus1353          |
|                                            |                          | falling                  | eus1354          |
| baht                                       | baht<br>(Thailand)       | flat                     | eus1360          |
|                                            |                          | rising                   | eus1361          |
|                                            |                          | falling                  | eus1362          |
| satang                                     | satang<br>(Thailand)     | flat                     | eus1368          |
|                                            |                          | rising                   | eus1369          |
|                                            |                          | falling                  | eus1370          |
| won                                        | won<br>(Korea)           | flat                     | eus1376          |
|                                            |                          | rising                   | eus1377          |
|                                            |                          | falling                  | eus1378          |

**Basque audio (Sheet 16 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------------|--------------------------|------------------|
| franc                                      | franc<br>(Belgium)    | flat                     | eus1384          |
|                                            |                       | rising                   | eus1385          |
|                                            |                       | falling                  | eus1386          |
| centime                                    | centime<br>(Belgium)  | flat                     | eus1392          |
|                                            |                       | rising                   | eus1393          |
|                                            |                       | falling                  | eus1394          |
| dollar                                     | dollar<br>(Canada)    | flat                     | eus1400          |
|                                            |                       | rising                   | eus1401          |
|                                            |                       | falling                  | eus1402          |
| cent                                       | cent<br>(Canada)      | flat                     | eus1408          |
|                                            |                       | rising                   | eus1409          |
|                                            |                       | falling                  | eus1410          |
| dollar                                     | dollar<br>(Hong Kong) | flat                     | eus1416          |
|                                            |                       | rising                   | eus1417          |
|                                            |                       | falling                  | eus1418          |
| cent                                       | cent<br>(Hong Kong)   | flat                     | eus1424          |
|                                            |                       | rising                   | eus1425          |
|                                            |                       | falling                  | eus1426          |
| gok                                        | gok<br>(Hong Kong)    | flat                     | eus1488          |
|                                            |                       | rising                   | eus1489          |
|                                            |                       | falling                  | eus1490          |
| escudo                                     | escudo<br>(Portugal)  | flat                     | eus1432          |
|                                            |                       | rising                   | eus1433          |
|                                            |                       | falling                  | eus1434          |
| centavo                                    | centavo<br>(Portugal) | flat                     | eus1440          |
|                                            |                       | rising                   | eus1441          |
|                                            |                       | falling                  | eus1442          |

**Basque audio (Sheet 17 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>                                            | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------------------------------------------------|--------------------------|------------------|
| yuan                                       | yuan<br>(China)                                           | flat                     | eus1448          |
|                                            |                                                           | rising                   | eus1449          |
|                                            |                                                           | falling                  | eus1450          |
| jiao                                       | jiao<br>(China)                                           | flat                     | eus1456          |
|                                            |                                                           | rising                   | eus1457          |
|                                            |                                                           | falling                  | eus1458          |
| fen                                        | fen<br>(China)                                            | flat                     | eus1464          |
|                                            |                                                           | rising                   | eus1465          |
|                                            |                                                           | falling                  | eus1466          |
| pound                                      | pound<br>(Ireland)                                        | flat                     | eus1472          |
|                                            |                                                           | rising                   | eus1473          |
|                                            |                                                           | falling                  | eus1474          |
| penny                                      | penny<br>(Ireland)                                        | flat                     | eus1480          |
|                                            |                                                           | rising                   | eus1481          |
|                                            |                                                           | falling                  | eus1482          |
| hogeita                                    | twenty-and<br>(as in 21, 22, 23, ...,<br>31, 32, 33, ...) | flat                     | eus916           |
|                                            |                                                           | rising                   | eus917           |
|                                            |                                                           | falling                  | eus918           |
| berrogeita                                 | forty-and<br>(as in 41, 42 43, ..., 51, 52,<br>53, ...)   | flat                     | eus920           |
|                                            |                                                           | rising                   | eus921           |
|                                            |                                                           | falling                  | eus922           |
| hirurogeita                                | sixty-and<br>(as in 61, 62, 63, ...,<br>71, 72, 73, ...)  | flat                     | eus924           |
|                                            |                                                           | rising                   | eus925           |
|                                            |                                                           | falling                  | eus926           |
| laurogeita                                 | eighty-and<br>(as in 81, 82, 83, ...,<br>91, 92, 93, ...) | flat                     | eus928           |
|                                            |                                                           | rising                   | eus929           |
|                                            |                                                           | falling                  | eus930           |

**Basque audio (Sheet 18 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| bitartean                                  | between        | flat                     | eus932           |
|                                            |                | rising                   | eus933           |
|                                            |                | falling                  | eus934           |
| aurrera                                    | after          | flat                     | eus936           |
|                                            |                | rising                   | eus937           |
|                                            |                | falling                  | eus938           |
| baino lehen                                | before         | flat                     | eus940           |
|                                            |                | rising                   | eus941           |
|                                            |                | falling                  | eus942           |
| arte                                       | to             | flat                     | eus944           |
|                                            |                | rising                   | eus945           |
|                                            |                | falling                  | eus946           |
| hour w/ by suffix                          | hour(by)       | flat                     | eus948           |
|                                            |                | rising                   | eus949           |
|                                            |                | falling                  | eus950           |
| hour w/ from suffix                        | hour(from)     | flat                     | eus952           |
|                                            |                | rising                   | eus953           |
|                                            |                | falling                  | eus954           |
| hour w/ at suffix                          | hour(at)       | flat                     | eus956           |
|                                            |                | rising                   | eus957           |
|                                            |                | falling                  | eus958           |
| second(for)                                | for second     | flat                     | eus960           |
|                                            |                | rising                   | eus961           |
|                                            |                | falling                  | eus962           |
| second(in)                                 | in second      | flat                     | eus964           |
|                                            |                | rising                   | eus965           |
|                                            |                | falling                  | eus966           |

**Basque audio (Sheet 19 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|---------------------|--------------------------|------------------|
| 1(for)                                     | for 1               | flat                     | eus968           |
|                                            |                     | rising                   | eus969           |
|                                            |                     | falling                  | eus970           |
|                                            | Determinate article |                          |                  |
| 0a                                         | the 0               | flat                     | eus1500          |
|                                            |                     | rising                   | eus1501          |
|                                            |                     | falling                  | eus1502          |
| 1a                                         | the 1               | flat                     | eus1508          |
|                                            |                     | rising                   | eus1509          |
|                                            |                     | falling                  | eus1510          |
| 2a                                         | the 2               | flat                     | eus1512          |
|                                            |                     | rising                   | eus1513          |
|                                            |                     | falling                  | eus1514          |
| 3a                                         | the 3               | flat                     | eus1516          |
|                                            |                     | rising                   | eus1517          |
|                                            |                     | falling                  | eus1518          |
| 4a                                         | the 4               | flat                     | eus1520          |
|                                            |                     | rising                   | eus1521          |
|                                            |                     | falling                  | eus1522          |
| 5a                                         | the 5               | flat                     | eus1524          |
|                                            |                     | rising                   | eus1525          |
|                                            |                     | falling                  | eus1526          |
| 6a                                         | the 6               | flat                     | eus1528          |
|                                            |                     | rising                   | eus1529          |
|                                            |                     | falling                  | eus1530          |

**Basque audio (Sheet 20 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 7a                                         | the 7          | flat                     | eus1532          |
|                                            |                | rising                   | eus1533          |
|                                            |                | falling                  | eus1534          |
| 8a                                         | the 8          | flat                     | eus1536          |
|                                            |                | rising                   | eus1537          |
|                                            |                | falling                  | eus1538          |
| 9a                                         | the 9          | flat                     | eus1540          |
|                                            |                | rising                   | eus1541          |
|                                            |                | falling                  | eus1542          |
| 10a                                        | the 10         | flat                     | eus1556          |
|                                            |                | rising                   | eus1557          |
|                                            |                | falling                  | eus1558          |
| 11a                                        | the 11         | flat                     | eus1560          |
|                                            |                | rising                   | eus1561          |
|                                            |                | falling                  | eus1562          |
| 12a                                        | the 12         | flat                     | eus1564          |
|                                            |                | rising                   | eus1565          |
|                                            |                | falling                  | eus1566          |
| 13a                                        | the 13         | flat                     | eus1568          |
|                                            |                | rising                   | eus1569          |
|                                            |                | falling                  | eus1570          |
| 14a                                        | the 14         | flat                     | eus1572          |
|                                            |                | rising                   | eus1573          |
|                                            |                | falling                  | eus1574          |
| 15a                                        | the 15         | flat                     | eus1576          |
|                                            |                | rising                   | eus1577          |
|                                            |                | falling                  | eus1578          |

**Basque audio (Sheet 21 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 16a                                        | the 16         | flat                     | eus1580          |
|                                            |                | rising                   | eus1581          |
|                                            |                | falling                  | eus1582          |
| 17a                                        | the 17         | flat                     | eus1584          |
|                                            |                | rising                   | eus1585          |
|                                            |                | falling                  | eus1586          |
| 18a                                        | the 18         | flat                     | eus1588          |
|                                            |                | rising                   | eus1589          |
|                                            |                | falling                  | eus1590          |
| 19a                                        | the 19         | flat                     | eus1592          |
|                                            |                | rising                   | eus1593          |
|                                            |                | falling                  | eus1594          |
| 20a                                        | the 20         | flat                     | eus1596          |
|                                            |                | rising                   | eus1597          |
|                                            |                | falling                  | eus1598          |
| 40a                                        | the 40         | flat                     | eus1604          |
|                                            |                | rising                   | eus1605          |
|                                            |                | falling                  | eus1606          |
| 60a                                        | the 60         | flat                     | eus1612          |
|                                            |                | rising                   | eus1613          |
|                                            |                | falling                  | eus1614          |
| 80a                                        | the 80         | flat                     | eus1620          |
|                                            |                | rising                   | eus1621          |
|                                            |                | falling                  | eus1622          |
| 100a                                       | the 100        | flat                     | eus1632          |
|                                            |                | rising                   | eus1633          |
|                                            |                | falling                  | eus1634          |

**Basque audio (Sheet 22 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 200a                                       | the 200        | flat                     | eus1636          |
|                                            |                | rising                   | eus1637          |
|                                            |                | falling                  | eus1638          |
| 300a                                       | the 300        | flat                     | eus1640          |
|                                            |                | rising                   | eus1641          |
|                                            |                | falling                  | eus1642          |
| 400a                                       | the 400        | flat                     | eus1644          |
|                                            |                | rising                   | eus1645          |
|                                            |                | falling                  | eus1646          |
| 500a                                       | the 500        | flat                     | eus1648          |
|                                            |                | rising                   | eus1649          |
|                                            |                | falling                  | eus1650          |
| 600a                                       | the 600        | flat                     | eus1652          |
|                                            |                | rising                   | eus1653          |
|                                            |                | falling                  | eus1654          |
| 700a                                       | the 700        | flat                     | eus1656          |
|                                            |                | rising                   | eus1657          |
|                                            |                | falling                  | eus1658          |
| 800a                                       | the 800        | flat                     | eus1660          |
|                                            |                | rising                   | eus1661          |
|                                            |                | falling                  | eus1662          |
| 900a                                       | the 900        | flat                     | eus1664          |
|                                            |                | rising                   | eus1665          |
|                                            |                | falling                  | eus1666          |
| thousand(a)                                | the thousand   | flat                     | eus1504          |
|                                            |                | rising                   | eus1505          |
|                                            |                | falling                  | eus1506          |

**Basque audio (Sheet 23 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| million(a)                                 | the million    | flat                     | eus1744          |
|                                            |                | rising                   | eus1745          |
|                                            |                | falling                  | eus1746          |
| January(a)                                 | the January    | flat                     | eus1668          |
|                                            |                | rising                   | eus1669          |
|                                            |                | falling                  | eus1670          |
| February(a)                                | the February   | flat                     | eus1672          |
|                                            |                | rising                   | eus1673          |
|                                            |                | falling                  | eus1674          |
| March(a)                                   | the March      | flat                     | eus1676          |
|                                            |                | rising                   | eus1677          |
|                                            |                | falling                  | eus1678          |
| April(a)                                   | the April      | flat                     | eus1680          |
|                                            |                | rising                   | eus1681          |
|                                            |                | falling                  | eus1682          |
| May(a)                                     | the May        | flat                     | eus1684          |
|                                            |                | rising                   | eus1685          |
|                                            |                | falling                  | eus1686          |
| June(a)                                    | the June       | flat                     | eus1688          |
|                                            |                | rising                   | eus1689          |
|                                            |                | falling                  | eus1690          |
| July(a)                                    | the July       | flat                     | eus1692          |
|                                            |                | rising                   | eus1693          |
|                                            |                | falling                  | eus1694          |
| August(a)                                  | the August     | flat                     | eus1696          |
|                                            |                | rising                   | eus1697          |
|                                            |                | falling                  | eus1698          |

**Basque audio (Sheet 24 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| September(a)                               | the September  | flat                     | eus1700          |
|                                            |                | rising                   | eus1701          |
|                                            |                | falling                  | eus1702          |
| October(a)                                 | the October    | flat                     | eus1704          |
|                                            |                | rising                   | eus1705          |
|                                            |                | falling                  | eus1706          |
| November(a)                                | the November   | flat                     | eus1708          |
|                                            |                | rising                   | eus1709          |
|                                            |                | falling                  | eus1710          |
| December(a)                                | the December   | flat                     | eus1712          |
|                                            |                | rising                   | eus1713          |
|                                            |                | falling                  | eus1714          |
| Sunday(a)                                  | the Sunday     | flat                     | eus1716          |
|                                            |                | rising                   | eus1717          |
|                                            |                | falling                  | eus1718          |
| Monday(a)                                  | the Monday     | flat                     | eus1720          |
|                                            |                | rising                   | eus1721          |
|                                            |                | falling                  | eus1722          |
| Tuesday(a)                                 | the Tuesday    | flat                     | eus1724          |
|                                            |                | rising                   | eus1725          |
|                                            |                | falling                  | eus1726          |
| Wednesday(a)                               | the Wednesday  | flat                     | eus1728          |
|                                            |                | rising                   | eus1729          |
|                                            |                | falling                  | eus1730          |
| Thursday(a)                                | the Thursday   | flat                     | eus1732          |
|                                            |                | rising                   | eus1733          |
|                                            |                | falling                  | eus1734          |

**Basque audio (Sheet 25 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| Friday(a)                                  | the Friday     | flat                     | eus1736          |
|                                            |                | rising                   | eus1737          |
|                                            |                | falling                  | eus1738          |
| Saturday(a)                                | the Saturday   | flat                     | eus1740          |
|                                            |                | rising                   | eus1741          |
|                                            |                | falling                  | eus1742          |
| zero(in/on/at)                             | in/on/at       |                          |                  |
|                                            | in/on/at 0     | flat                     | eus1800          |
|                                            |                | rising                   | eus1801          |
|                                            |                | falling                  | eus1802          |
| 1(in/on/at)                                | in/on/at 1     | flat                     | eus1808          |
|                                            |                | rising                   | eus1809          |
|                                            |                | falling                  | eus1810          |
| 2(in/on/at)                                | in/on/at 2     | flat                     | eus1812          |
|                                            |                | rising                   | eus1813          |
|                                            |                | falling                  | eus1814          |
| 3(in/on/at)                                | in/on/at 3     | flat                     | eus1816          |
|                                            |                | rising                   | eus1817          |
|                                            |                | falling                  | eus1818          |
| 4(in/on/at)                                | in/on/at 4     | flat                     | eus1820          |
|                                            |                | rising                   | eus1821          |
|                                            |                | falling                  | eus1822          |
| 5(in/on/at)                                | in/on/at 5     | flat                     | eus1824          |
|                                            |                | rising                   | eus1825          |
|                                            |                | falling                  | eus1826          |

**Basque audio (Sheet 26 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 6(in/on/at)                                | in/on/at 6     | flat                     | eus1828          |
|                                            |                | rising                   | eus1829          |
|                                            |                | falling                  | eus1830          |
| 7(in/on/at)                                | in/on/at 7     | flat                     | eus1832          |
|                                            |                | rising                   | eus1833          |
|                                            |                | falling                  | eus1834          |
| 8(in/on/at)                                | in/on/at 8     | flat                     | eus1836          |
|                                            |                | rising                   | eus1837          |
|                                            |                | falling                  | eus1838          |
| 9(in/on/at)                                | in/on/at 9     | flat                     | eus1840          |
|                                            |                | rising                   | eus1841          |
|                                            |                | falling                  | eus1842          |
| 10(in/on/at)                               | in/on/at 10    | flat                     | eus1856          |
|                                            |                | rising                   | eus1857          |
|                                            |                | falling                  | eus1858          |
| 11(in/on/at)                               | in/on/at 11    | flat                     | eus1860          |
|                                            |                | rising                   | eus1861          |
|                                            |                | falling                  | eus1862          |
| 12(in/on/at)                               | in/on/at 12    | flat                     | eus1864          |
|                                            |                | rising                   | eus1865          |
|                                            |                | falling                  | eus1866          |
| 13(in/on/at)                               | in/on/at 13    | flat                     | eus1868          |
|                                            |                | rising                   | eus1869          |
|                                            |                | falling                  | eus1870          |
| 14(in/on/at)                               | in/on/at 14    | flat                     | eus1872          |
|                                            |                | rising                   | eus1873          |
|                                            |                | falling                  | eus1874          |

**Basque audio (Sheet 27 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 15(in/on/at)                               | in/on/at 15    | flat                     | eus1876          |
|                                            |                | rising                   | eus1877          |
|                                            |                | falling                  | eus1878          |
| 16(in/on/at)                               | in/on/at 16    | flat                     | eus1880          |
|                                            |                | rising                   | eus1881          |
|                                            |                | falling                  | eus1882          |
| 17(in/on/at)                               | in/on/at 17    | flat                     | eus1884          |
|                                            |                | rising                   | eus1885          |
|                                            |                | falling                  | eus1886          |
| 18(in/on/at)                               | in/on/at 18    | flat                     | eus1888          |
|                                            |                | rising                   | eus1889          |
|                                            |                | falling                  | eus1890          |
| 19(in/on/at)                               | in/on/at 19    | flat                     | eus1892          |
|                                            |                | rising                   | eus1893          |
|                                            |                | falling                  | eus1894          |
| 20(in/on/at)                               | in/on/at 20    | flat                     | eus1896          |
|                                            |                | rising                   | eus1897          |
|                                            |                | falling                  | eus1898          |
| 40(in/on/at)                               | in/on/at 40    | flat                     | eus1904          |
|                                            |                | rising                   | eus1905          |
|                                            |                | falling                  | eus1906          |
| 60(in/on/at)                               | in/on/at 60    | flat                     | eus1912          |
|                                            |                | rising                   | eus1913          |
|                                            |                | falling                  | eus1914          |
| 80(in/on/at)                               | in/on/at 80    | flat                     | eus1920          |
|                                            |                | rising                   | eus1921          |
|                                            |                | falling                  | eus1922          |

**Basque audio (Sheet 28 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 100(in/on/at)                              | in/on/at 100   | flat                     | eus1932          |
|                                            |                | rising                   | eus1933          |
|                                            |                | falling                  | eus1934          |
| 200(in/on/at)                              | in/on/at 200   | flat                     | eus1936          |
|                                            |                | rising                   | eus1937          |
|                                            |                | falling                  | eus1938          |
| 300(in/on/at)                              | in/on/at 300   | flat                     | eus1940          |
|                                            |                | rising                   | eus1941          |
|                                            |                | falling                  | eus1942          |
| 400(in/on/at)                              | in/on/at 400   | flat                     | eus1944          |
|                                            |                | rising                   | eus1945          |
|                                            |                | falling                  | eus1946          |
| 500(in/on/at)                              | in/on/at 500   | flat                     | eus1948          |
|                                            |                | rising                   | eus1949          |
|                                            |                | falling                  | eus1950          |
| 600(in/on/at)                              | in/on/at 600   | flat                     | eus1952          |
|                                            |                | rising                   | eus1953          |
|                                            |                | falling                  | eus1954          |
| 700(in/on/at)                              | in/on/at 700   | flat                     | eus1956          |
|                                            |                | rising                   | eus1957          |
|                                            |                | falling                  | eus1958          |
| 800(in/on/at)                              | in/on/at 800   | flat                     | eus1960          |
|                                            |                | rising                   | eus1961          |
|                                            |                | falling                  | eus1962          |
| 900(in/on/at)                              | in/on/at 900   | flat                     | eus1964          |
|                                            |                | rising                   | eus1965          |
|                                            |                | falling                  | eus1966          |

**Basque audio (Sheet 29 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-------------------|--------------------------|------------------|
| thousand(in/on/at)                         | in/on/at thousand | flat                     | eus1804          |
|                                            |                   | rising                   | eus1805          |
|                                            |                   | falling                  | eus1806          |
| million(in/on/at)                          | in/on/at million  | flat                     | eus2044          |
|                                            |                   | rising                   | eus2045          |
|                                            |                   | falling                  | eus2046          |
| January(in/on)                             | in/on January     | flat                     | eus1968          |
|                                            |                   | rising                   | eus1969          |
|                                            |                   | falling                  | eus1970          |
| February(in/on)                            | in/on February    | flat                     | eus1972          |
|                                            |                   | rising                   | eus1973          |
|                                            |                   | falling                  | eus1974          |
| March(in/on)                               | in/on March       | flat                     | eus1976          |
|                                            |                   | rising                   | eus1977          |
|                                            |                   | falling                  | eus1978          |
| April(in/on)                               | in/on April       | flat                     | eus1980          |
|                                            |                   | rising                   | eus1981          |
|                                            |                   | falling                  | eus1982          |
| May(in/on)                                 | in/on May         | flat                     | eus1984          |
|                                            |                   | rising                   | eus1985          |
|                                            |                   | falling                  | eus1986          |
| June(in/on)                                | in/on June        | flat                     | eus1988          |
|                                            |                   | rising                   | eus1989          |
|                                            |                   | falling                  | eus1990          |
| July(in/on)                                | in/on July        | flat                     | eus1992          |
|                                            |                   | rising                   | eus1993          |
|                                            |                   | falling                  | eus1994          |

**Basque audio (Sheet 30 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------|--------------------------|------------------|
| August(in/on)                              | in/on August    | flat                     | eus1996          |
|                                            |                 | rising                   | eus1997          |
|                                            |                 | falling                  | eus1998          |
| September(in/on)                           | in/on September | flat                     | eus2000          |
|                                            |                 | rising                   | eus2001          |
|                                            |                 | falling                  | eus2002          |
| October(in/on)                             | in/on October   | flat                     | eus2004          |
|                                            |                 | rising                   | eus2005          |
|                                            |                 | falling                  | eus2006          |
| November(in/on)                            | in/on November  | flat                     | eus2008          |
|                                            |                 | rising                   | eus2009          |
|                                            |                 | falling                  | eus2010          |
| December(in/on)                            | in/on December  | flat                     | eus2012          |
|                                            |                 | rising                   | eus2013          |
|                                            |                 | falling                  | eus2014          |
| Sunday(on)                                 | on Sunday       | flat                     | eus2016          |
|                                            |                 | rising                   | eus2017          |
|                                            |                 | falling                  | eus2018          |
| Monday(on)                                 | on Monday       | flat                     | eus2020          |
|                                            |                 | rising                   | eus2021          |
|                                            |                 | falling                  | eus2022          |
| Tuesday(on)                                | on Tuesday      | flat                     | eus2024          |
|                                            |                 | rising                   | eus2025          |
|                                            |                 | falling                  | eus2026          |
| Wednesday(on)                              | on Wednesday    | flat                     | eus2028          |
|                                            |                 | rising                   | eus2029          |
|                                            |                 | falling                  | eus2030          |

**Basque audio (Sheet 31 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| Thursday(on)                               | on Thursday    | flat                     | eus2032          |
|                                            |                | rising                   | eus2033          |
|                                            |                | falling                  | eus2034          |
| Friday(on)                                 | on Friday      | flat                     | eus2036          |
|                                            |                | rising                   | eus2037          |
|                                            |                | falling                  | eus2038          |
| Saturday(on)                               | on Saturday    | flat                     | eus2040          |
|                                            |                | rising                   | eus2041          |
|                                            |                | falling                  | eus2042          |
| 0(of)                                      | of             |                          |                  |
|                                            | of 0           | flat                     | eus2100          |
|                                            |                | rising                   | eus2101          |
| 1(of)                                      | of 1           | falling                  | eus2102          |
|                                            |                | flat                     | eus2108          |
|                                            |                | rising                   | eus2109          |
| 2(of)                                      | of 2           | falling                  | eus2110          |
|                                            |                | flat                     | eus2112          |
|                                            |                | rising                   | eus2113          |
| 3(of)                                      | of 3           | falling                  | eus2114          |
|                                            |                | flat                     | eus2116          |
|                                            |                | rising                   | eus2117          |
| 4(of)                                      | of 4           | falling                  | eus2118          |
|                                            |                | flat                     | eus2120          |
|                                            |                | rising                   | eus2121          |
|                                            |                | falling                  | eus2122          |

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| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 5(of)                                      | of 5           | flat                     | eus2124          |
|                                            |                | rising                   | eus2125          |
|                                            |                | falling                  | eus2126          |
| 6(of)                                      | of 6           | flat                     | eus2128          |
|                                            |                | rising                   | eus2129          |
|                                            |                | falling                  | eus2130          |
| 7(of)                                      | of 7           | flat                     | eus2132          |
|                                            |                | rising                   | eus2133          |
|                                            |                | falling                  | eus2134          |
| 8(of)                                      | of 8           | flat                     | eus2136          |
|                                            |                | rising                   | eus2137          |
|                                            |                | falling                  | eus2138          |
| 9(of)                                      | of 9           | flat                     | eus2140          |
|                                            |                | rising                   | eus2141          |
|                                            |                | falling                  | eus2142          |
| 10(of)                                     | of 10          | flat                     | eus2156          |
|                                            |                | rising                   | eus2157          |
|                                            |                | falling                  | eus2158          |
| 11(of)                                     | of 11          | flat                     | eus2160          |
|                                            |                | rising                   | eus2161          |
|                                            |                | falling                  | eus2162          |
| 12(of)                                     | of 12          | flat                     | eus2164          |
|                                            |                | rising                   | eus2165          |
|                                            |                | falling                  | eus2166          |
| 13(of)                                     | of 13          | flat                     | eus2168          |
|                                            |                | rising                   | eus2169          |
|                                            |                | falling                  | eus2170          |

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| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 14(of)                                     | of 14          | flat                     | eus2172          |
|                                            |                | rising                   | eus2173          |
|                                            |                | falling                  | eus2174          |
| 15(of)                                     | of 15          | flat                     | eus2176          |
|                                            |                | rising                   | eus2177          |
|                                            |                | falling                  | eus2178          |
| 16(of)                                     | of 16          | flat                     | eus2180          |
|                                            |                | rising                   | eus2181          |
|                                            |                | falling                  | eus2182          |
| 17(of)                                     | of 17          | flat                     | eus2184          |
|                                            |                | rising                   | eus2185          |
|                                            |                | falling                  | eus2186          |
| 18(of)                                     | of 18          | flat                     | eus2188          |
|                                            |                | rising                   | eus2189          |
|                                            |                | falling                  | eus2190          |
| 19(of)                                     | of 19          | flat                     | eus2192          |
|                                            |                | rising                   | eus2193          |
|                                            |                | falling                  | eus2194          |
| 20(of)                                     | of 20          | flat                     | eus2196          |
|                                            |                | rising                   | eus2197          |
|                                            |                | falling                  | eus2198          |
| 40(of)                                     | of 40          | flat                     | eus2204          |
|                                            |                | rising                   | eus2205          |
|                                            |                | falling                  | eus2206          |
| 60(of)                                     | of 60          | flat                     | eus2212          |
|                                            |                | rising                   | eus2213          |
|                                            |                | falling                  | eus2214          |

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| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 80(of)                                     | of 80          | flat                     | eus2220          |
|                                            |                | rising                   | eus2221          |
|                                            |                | falling                  | eus2222          |
| 100(of)                                    | of 100         | flat                     | eus2232          |
|                                            |                | rising                   | eus2233          |
|                                            |                | falling                  | eus2234          |
| 200(of)                                    | of 200         | flat                     | eus2236          |
|                                            |                | rising                   | eus2237          |
|                                            |                | falling                  | eus2238          |
| 300(of)                                    | of 300         | flat                     | eus2240          |
|                                            |                | rising                   | eus2241          |
|                                            |                | falling                  | eus2242          |
| 400(of)                                    | of 400         | flat                     | eus2244          |
|                                            |                | rising                   | eus2245          |
|                                            |                | falling                  | eus2246          |
| 500(of)                                    | of 500         | flat                     | eus2248          |
|                                            |                | rising                   | eus2249          |
|                                            |                | falling                  | eus2250          |
| 600(of)                                    | of 600         | flat                     | eus2252          |
|                                            |                | rising                   | eus2253          |
|                                            |                | falling                  | eus2254          |
| 700(of)                                    | of 700         | flat                     | eus2256          |
|                                            |                | rising                   | eus2257          |
|                                            |                | falling                  | eus2258          |
| 800(of)                                    | of 800         | flat                     | eus2260          |
|                                            |                | rising                   | eus2261          |
|                                            |                | falling                  | eus2262          |

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| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 900(of)                                    | of 900         | flat                     | eus2264          |
|                                            |                | rising                   | eus2265          |
|                                            |                | falling                  | eus2266          |
| thousand(of)                               | of thousand    | flat                     | eus2104          |
|                                            |                | rising                   | eus2105          |
|                                            |                | falling                  | eus2106          |
| million(of)                                | of million     | flat                     | eus2344          |
|                                            |                | rising                   | eus2345          |
|                                            |                | falling                  | eus2346          |
| January(of)                                | of January     | flat                     | eus2268          |
|                                            |                | rising                   | eus2269          |
|                                            |                | falling                  | eus2270          |
| February(of)                               | of February    | flat                     | eus2272          |
|                                            |                | rising                   | eus2273          |
|                                            |                | falling                  | eus2274          |
| March(of)                                  | of March       | flat                     | eus2276          |
|                                            |                | rising                   | eus2277          |
|                                            |                | falling                  | eus2278          |
| April(of)                                  | of April       | flat                     | eus2280          |
|                                            |                | rising                   | eus2281          |
|                                            |                | falling                  | eus2282          |
| May(of)                                    | of May         | flat                     | eus2284          |
|                                            |                | rising                   | eus2285          |
|                                            |                | falling                  | eus2286          |
| June(of)                                   | of June        | flat                     | eus2288          |
|                                            |                | rising                   | eus2289          |
|                                            |                | falling                  | eus2290          |

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| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| July(of)                                   | of July        | flat                     | eus2292          |
|                                            |                | rising                   | eus2293          |
|                                            |                | falling                  | eus2294          |
| August(of)                                 | of August      | flat                     | eus2296          |
|                                            |                | rising                   | eus2297          |
|                                            |                | falling                  | eus2298          |
| September(of)                              | of September   | flat                     | eus2300          |
|                                            |                | rising                   | eus2301          |
|                                            |                | falling                  | eus2302          |
| October(of)                                | of October     | flat                     | eus2304          |
|                                            |                | rising                   | eus2305          |
|                                            |                | falling                  | eus2306          |
| November(of)                               | of November    | flat                     | eus2308          |
|                                            |                | rising                   | eus2309          |
|                                            |                | falling                  | eus2310          |
| December(of)                               | of December    | flat                     | eus2312          |
|                                            |                | rising                   | eus2313          |
|                                            |                | falling                  | eus2314          |
| 0(by)                                      | by             |                          |                  |
|                                            | by 0           | flat                     | eus2400          |
|                                            |                | rising                   | eus2401          |
| 1(by)                                      | by 1           | falling                  | eus2402          |
|                                            |                | flat                     | eus2408          |
|                                            |                | rising                   | eus2409          |
|                                            |                | falling                  | eus2410          |

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| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 2(by)                                      | by 2           | flat                     | eus2412          |
|                                            |                | rising                   | eus2413          |
|                                            |                | falling                  | eus2414          |
| 3(by)                                      | by 3           | flat                     | eus2416          |
|                                            |                | rising                   | eus2417          |
|                                            |                | falling                  | eus2418          |
| 4(by)                                      | by 4           | flat                     | eus2420          |
|                                            |                | rising                   | eus2421          |
|                                            |                | falling                  | eus2422          |
| 5(by)                                      | by 5           | flat                     | eus2424          |
|                                            |                | rising                   | eus2425          |
|                                            |                | falling                  | eus2426          |
| 6(by)                                      | by 6           | flat                     | eus2428          |
|                                            |                | rising                   | eus2429          |
|                                            |                | falling                  | eus2430          |
| 7(by)                                      | by 7           | flat                     | eus2432          |
|                                            |                | rising                   | eus2433          |
|                                            |                | falling                  | eus2434          |
| 8(by)                                      | by 8           | flat                     | eus2436          |
|                                            |                | rising                   | eus2437          |
|                                            |                | falling                  | eus2438          |
| 9(by)                                      | by 9           | flat                     | eus2440          |
|                                            |                | rising                   | eus2441          |
|                                            |                | falling                  | eus2442          |
| 10(by)                                     | by 10          | flat                     | eus2456          |
|                                            |                | rising                   | eus2457          |
|                                            |                | falling                  | eus2458          |

**Basque audio (Sheet 38 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 11(by)                                     | by 11          | flat                     | eus2460          |
|                                            |                | rising                   | eus2461          |
|                                            |                | falling                  | eus2462          |
| 12(by)                                     | by 12          | flat                     | eus2464          |
|                                            |                | rising                   | eus2465          |
|                                            |                | falling                  | eus2466          |
| 13(by)                                     | by 13          | flat                     | eus2468          |
|                                            |                | rising                   | eus2469          |
|                                            |                | falling                  | eus2470          |
| 14(by)                                     | by 14          | flat                     | eus2472          |
|                                            |                | rising                   | eus2473          |
|                                            |                | falling                  | eus2474          |
| 15(by)                                     | by 15          | flat                     | eus2476          |
|                                            |                | rising                   | eus2477          |
|                                            |                | falling                  | eus2478          |
| 16(by)                                     | by 16          | flat                     | eus2480          |
|                                            |                | rising                   | eus2481          |
|                                            |                | falling                  | eus2482          |
| 17(by)                                     | by 17          | flat                     | eus2484          |
|                                            |                | rising                   | eus2485          |
|                                            |                | falling                  | eus2486          |
| 18(by)                                     | by 18          | flat                     | eus2488          |
|                                            |                | rising                   | eus2489          |
|                                            |                | falling                  | eus2490          |
| 19(by)                                     | by 19          | flat                     | eus2492          |
|                                            |                | rising                   | eus2493          |
|                                            |                | falling                  | eus2494          |

**Basque audio (Sheet 39 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 20(by)                                     | by 20          | flat                     | eus2496          |
|                                            |                | rising                   | eus2497          |
|                                            |                | falling                  | eus2498          |
| 40(by)                                     | by 40          | flat                     | eus2504          |
|                                            |                | rising                   | eus2505          |
|                                            |                | falling                  | eus2506          |
| 60(by)                                     | by 60          | flat                     | eus2512          |
|                                            |                | rising                   | eus2513          |
|                                            |                | falling                  | eus2514          |
| 80(by)                                     | by 80          | flat                     | eus2520          |
|                                            |                | rising                   | eus2521          |
|                                            |                | falling                  | eus2522          |
| 100(by)                                    | by 100         | flat                     | eus2532          |
|                                            |                | rising                   | eus2533          |
|                                            |                | falling                  | eus2534          |
| 200(by)                                    | by 200         | flat                     | eus2536          |
|                                            |                | rising                   | eus2537          |
|                                            |                | falling                  | eus2538          |
| 300(by)                                    | by 300         | flat                     | eus2540          |
|                                            |                | rising                   | eus2541          |
|                                            |                | falling                  | eus2542          |
| 400(by)                                    | by 400         | flat                     | eus2544          |
|                                            |                | rising                   | eus2545          |
|                                            |                | falling                  | eus2546          |
| 500(by)                                    | by 500         | flat                     | eus2548          |
|                                            |                | rising                   | eus2549          |
|                                            |                | falling                  | eus2550          |

**Basque audio (Sheet 40 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 600(by)                                    | by 600         | flat                     | eus2552          |
|                                            |                | rising                   | eus2553          |
|                                            |                | falling                  | eus2554          |
| 700(by)                                    | by 700         | flat                     | eus2556          |
|                                            |                | rising                   | eus2557          |
|                                            |                | falling                  | eus2558          |
| 800(by)                                    | by 800         | flat                     | eus2560          |
|                                            |                | rising                   | eus2561          |
|                                            |                | falling                  | eus2562          |
| 900(by)                                    | by 900         | flat                     | eus2564          |
|                                            |                | rising                   | eus2565          |
|                                            |                | falling                  | eus2566          |
| thousand(by)                               | by thousand    | flat                     | eus2404          |
|                                            |                | rising                   | eus2405          |
|                                            |                | falling                  | eus2406          |
| million(by)                                | by million     | flat                     | eus2644          |
|                                            |                | rising                   | eus2645          |
|                                            |                | falling                  | eus2646          |
| January(by)                                | by January     | flat                     | eus2568          |
|                                            |                | rising                   | eus2569          |
|                                            |                | falling                  | eus2570          |
| February(by)                               | by February    | flat                     | eus2572          |
|                                            |                | rising                   | eus2573          |
|                                            |                | falling                  | eus2574          |
| March(by)                                  | by March       | flat                     | eus2576          |
|                                            |                | rising                   | eus2577          |
|                                            |                | falling                  | eus2578          |

**Basque audio (Sheet 41 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| April(by)                                  | by April       | flat                     | eus2580          |
|                                            |                | rising                   | eus2581          |
|                                            |                | falling                  | eus2582          |
| May(by)                                    | by May         | flat                     | eus2584          |
|                                            |                | rising                   | eus2585          |
|                                            |                | falling                  | eus2586          |
| June(by)                                   | by June        | flat                     | eus2588          |
|                                            |                | rising                   | eus2589          |
|                                            |                | falling                  | eus2590          |
| July(by)                                   | by July        | flat                     | eus2592          |
|                                            |                | rising                   | eus2593          |
|                                            |                | falling                  | eus2594          |
| August(by)                                 | by August      | flat                     | eus2596          |
|                                            |                | rising                   | eus2597          |
|                                            |                | falling                  | eus2598          |
| September(by)                              | by September   | flat                     | eus2600          |
|                                            |                | rising                   | eus2601          |
|                                            |                | falling                  | eus2602          |
| October(by)                                | by October     | flat                     | eus2604          |
|                                            |                | rising                   | eus2605          |
|                                            |                | falling                  | eus2606          |
| November(by)                               | by November    | flat                     | eus2608          |
|                                            |                | rising                   | eus2609          |
|                                            |                | falling                  | eus2610          |
| December(by)                               | by December    | flat                     | eus2612          |
|                                            |                | rising                   | eus2613          |
|                                            |                | falling                  | eus2614          |

**Basque audio (Sheet 42 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| Sunday(by)                                 | by Sunday      | flat                     | eus2616          |
|                                            |                | rising                   | eus2617          |
|                                            |                | falling                  | eus2618          |
| Monday(by)                                 | by Monday      | flat                     | eus2620          |
|                                            |                | rising                   | eus2621          |
|                                            |                | falling                  | eus2622          |
| Tuesday(by)                                | by Tuesday     | flat                     | eus2624          |
|                                            |                | rising                   | eus2625          |
|                                            |                | falling                  | eus2626          |
| Wednesday(by)                              | by Wednesday   | flat                     | eus2628          |
|                                            |                | rising                   | eus2629          |
|                                            |                | falling                  | eus2630          |
| Thursday(by)                               | by Thursday    | flat                     | eus2632          |
|                                            |                | rising                   | eus2633          |
|                                            |                | falling                  | eus2634          |
| Friday(by)                                 | by Friday      | flat                     | eus2636          |
|                                            |                | rising                   | eus2637          |
|                                            |                | falling                  | eus2638          |
| Saturday(by)                               | by Saturday    | flat                     | eus2640          |
|                                            |                | rising                   | eus2641          |
|                                            |                | falling                  | eus2642          |
| 0(from)                                    | from           |                          |                  |
|                                            | from 0         | flat                     | eus2700          |
|                                            |                | rising                   | eus2701          |
|                                            |                | falling                  | eus2702          |

**Basque audio (Sheet 43 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 1(from)                                    | from 1         | flat                     | eus2708          |
|                                            |                | rising                   | eus2709          |
|                                            |                | falling                  | eus2710          |
| 2(from)                                    | from 2         | flat                     | eus2712          |
|                                            |                | rising                   | eus2713          |
|                                            |                | falling                  | eus2714          |
| 3(from)                                    | from 3         | flat                     | eus2716          |
|                                            |                | rising                   | eus2717          |
|                                            |                | falling                  | eus2718          |
| 4(from)                                    | from 4         | flat                     | eus2720          |
|                                            |                | rising                   | eus2721          |
|                                            |                | falling                  | eus2722          |
| 5(from)                                    | from 5         | flat                     | eus2724          |
|                                            |                | rising                   | eus2725          |
|                                            |                | falling                  | eus2726          |
| 6(from)                                    | from 6         | flat                     | eus2728          |
|                                            |                | rising                   | eus2729          |
|                                            |                | falling                  | eus2730          |
| 7(from)                                    | from 7         | flat                     | eus2732          |
|                                            |                | rising                   | eus2733          |
|                                            |                | falling                  | eus2734          |
| 8(from)                                    | from 8         | flat                     | eus2736          |
|                                            |                | rising                   | eus2737          |
|                                            |                | falling                  | eus2738          |
| 9(from)                                    | from 9         | flat                     | eus2740          |
|                                            |                | rising                   | eus2741          |
|                                            |                | falling                  | eus2742          |

**Basque audio (Sheet 44 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 10(from)                                   | from 10        | flat                     | eus2756          |
|                                            |                | rising                   | eus2757          |
|                                            |                | falling                  | eus2758          |
| 11(from)                                   | from 11        | flat                     | eus2760          |
|                                            |                | rising                   | eus2761          |
|                                            |                | falling                  | eus2762          |
| 12(from)                                   | from 12        | flat                     | eus2764          |
|                                            |                | rising                   | eus2765          |
|                                            |                | falling                  | eus2766          |
| 13(from)                                   | from 13        | flat                     | eus2768          |
|                                            |                | rising                   | eus2769          |
|                                            |                | falling                  | eus2770          |
| 14(from)                                   | from 14        | flat                     | eus2772          |
|                                            |                | rising                   | eus2773          |
|                                            |                | falling                  | eus2774          |
| 15(from)                                   | from 15        | flat                     | eus2776          |
|                                            |                | rising                   | eus2777          |
|                                            |                | falling                  | eus2778          |
| 16(from)                                   | from 16        | flat                     | eus2780          |
|                                            |                | rising                   | eus2781          |
|                                            |                | falling                  | eus2782          |
| 17(from)                                   | from 17        | flat                     | eus2784          |
|                                            |                | rising                   | eus2785          |
|                                            |                | falling                  | eus2786          |
| 18(from)                                   | from 18        | flat                     | eus2788          |
|                                            |                | rising                   | eus2789          |
|                                            |                | falling                  | eus2790          |

**Basque audio (Sheet 45 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 19(from)                                   | from 19        | flat                     | eus2792          |
|                                            |                | rising                   | eus2793          |
|                                            |                | falling                  | eus2794          |
| 20(from)                                   | from 20        | flat                     | eus2796          |
|                                            |                | rising                   | eus2797          |
|                                            |                | falling                  | eus2798          |
| 40(from)                                   | from 40        | flat                     | eus2804          |
|                                            |                | rising                   | eus2805          |
|                                            |                | falling                  | eus2806          |
| 60(from)                                   | from 60        | flat                     | eus2812          |
|                                            |                | rising                   | eus2813          |
|                                            |                | falling                  | eus2814          |
| 80(from)                                   | from 80        | flat                     | eus2820          |
|                                            |                | rising                   | eus2821          |
|                                            |                | falling                  | eus2822          |
| 100(from)                                  | from 100       | flat                     | eus2832          |
|                                            |                | rising                   | eus2833          |
|                                            |                | falling                  | eus2834          |
| 200(from)                                  | from 200       | flat                     | eus2836          |
|                                            |                | rising                   | eus2837          |
|                                            |                | falling                  | eus2838          |
| 300(from)                                  | from 300       | flat                     | eus2840          |
|                                            |                | rising                   | eus2841          |
|                                            |                | falling                  | eus2842          |
| 400(from)                                  | from 400       | flat                     | eus2844          |
|                                            |                | rising                   | eus2845          |
|                                            |                | falling                  | eus2846          |

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| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 500(from)                                  | from 500       | flat                     | eus2848          |
|                                            |                | rising                   | eus2849          |
|                                            |                | falling                  | eus2850          |
| 600(from)                                  | from 600       | flat                     | eus2852          |
|                                            |                | rising                   | eus2853          |
|                                            |                | falling                  | eus2854          |
| 700(from)                                  | from 700       | flat                     | eus2856          |
|                                            |                | rising                   | eus2857          |
|                                            |                | falling                  | eus2858          |
| 800(from)                                  | from 800       | flat                     | eus2860          |
|                                            |                | rising                   | eus2861          |
|                                            |                | falling                  | eus2862          |
| 900(from)                                  | from 900       | flat                     | eus2864          |
|                                            |                | rising                   | eus2865          |
|                                            |                | falling                  | eus2866          |
| thousand(from)                             | from thousand  | flat                     | eus2704          |
|                                            |                | rising                   | eus2705          |
|                                            |                | falling                  | eus2706          |
| million(from)                              | from million   | flat                     | eus2944          |
|                                            |                | rising                   | eus2945          |
|                                            |                | falling                  | eus2946          |
| January(from)                              | from January   | flat                     | eus2868          |
|                                            |                | rising                   | eus2869          |
|                                            |                | falling                  | eus2870          |
| February(from)                             | from February  | flat                     | eus2872          |
|                                            |                | rising                   | eus2873          |
|                                            |                | falling                  | eus2874          |

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| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| March(from)                                | from March     | flat                     | eus2876          |
|                                            |                | rising                   | eus2877          |
|                                            |                | falling                  | eus2878          |
| April(from)                                | from April     | flat                     | eus2880          |
|                                            |                | rising                   | eus2881          |
|                                            |                | falling                  | eus2882          |
| May(from)                                  | from May       | flat                     | eus2884          |
|                                            |                | rising                   | eus2885          |
|                                            |                | falling                  | eus2886          |
| June(from)                                 | from June      | flat                     | eus2888          |
|                                            |                | rising                   | eus2889          |
|                                            |                | falling                  | eus2890          |
| July(from)                                 | from July      | flat                     | eus2892          |
|                                            |                | rising                   | eus2893          |
|                                            |                | falling                  | eus2894          |
| August(from)                               | from August    | flat                     | eus2896          |
|                                            |                | rising                   | eus2897          |
|                                            |                | falling                  | eus2898          |
| September(from)                            | from September | flat                     | eus2900          |
|                                            |                | rising                   | eus2901          |
|                                            |                | falling                  | eus2902          |
| October(from)                              | from October   | flat                     | eus2904          |
|                                            |                | rising                   | eus2905          |
|                                            |                | falling                  | eus2906          |
| November(from)                             | from November  | flat                     | eus2908          |
|                                            |                | rising                   | eus2909          |
|                                            |                | falling                  | eus2910          |

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| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| December(from)                             | from December  | flat                     | eus2912          |
|                                            |                | rising                   | eus2913          |
|                                            |                | falling                  | eus2914          |
| Sunday(from)                               | from Sunday    | flat                     | eus2916          |
|                                            |                | rising                   | eus2917          |
|                                            |                | falling                  | eus2918          |
| Monday(from)                               | from Monday    | flat                     | eus2920          |
|                                            |                | rising                   | eus2921          |
|                                            |                | falling                  | eus2922          |
| Tuesday(from)                              | from Tuesday   | flat                     | eus2924          |
|                                            |                | rising                   | eus2925          |
|                                            |                | falling                  | eus2926          |
| Wednesday(from)                            | from Wednesday | flat                     | eus2928          |
|                                            |                | rising                   | eus2929          |
|                                            |                | falling                  | eus2930          |
| Thursday(from)                             | from Thursday  | flat                     | eus2932          |
|                                            |                | rising                   | eus2933          |
|                                            |                | falling                  | eus2934          |
| Friday(from)                               | from Friday    | flat                     | eus2936          |
|                                            |                | rising                   | eus2937          |
|                                            |                | falling                  | eus2938          |
| Saturday(from)                             | from Saturday  | flat                     | eus2940          |
|                                            |                | rising                   | eus2941          |
|                                            |                | falling                  | eus2942          |
|                                            | at plural      |                          |                  |

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| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 0 plural (at)                              | at 0 (plural)  | flat                     | eus3000          |
|                                            |                | rising                   | eus3001          |
|                                            |                | falling                  | eus3002          |
| 1 plural (at)                              | at 1 (plural)  | flat                     | eus3008          |
|                                            |                | rising                   | eus3009          |
|                                            |                | falling                  | eus3010          |
| 2 plural (at)                              | at 2 (plural)  | flat                     | eus3012          |
|                                            |                | rising                   | eus3013          |
|                                            |                | falling                  | eus3014          |
| 3 plural (at)                              | at 3 (plural)  | flat                     | eus3016          |
|                                            |                | rising                   | eus3017          |
|                                            |                | falling                  | eus3018          |
| 4 plural (at)                              | at 4 (plural)  | flat                     | eus3020          |
|                                            |                | rising                   | eus3021          |
|                                            |                | falling                  | eus3022          |
| 5 plural (at)                              | at 5 (plural)  | flat                     | eus3024          |
|                                            |                | rising                   | eus3025          |
|                                            |                | falling                  | eus3026          |
| 6 plural (at)                              | at 6 (plural)  | flat                     | eus3028          |
|                                            |                | rising                   | eus3029          |
|                                            |                | falling                  | eus3030          |
| 7 plural (at)                              | at 7 (plural)  | flat                     | eus3032          |
|                                            |                | rising                   | eus3033          |
|                                            |                | falling                  | eus3034          |
| 8 plural (at)                              | at 8 (plural)  | flat                     | eus3036          |
|                                            |                | rising                   | eus3037          |
|                                            |                | falling                  | eus3038          |

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| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 9 plural (at)                              | at 9 (plural)  | flat                     | eus3040          |
|                                            |                | rising                   | eus3041          |
|                                            |                | falling                  | eus3042          |
| 10 plural (at)                             | at 10 (plural) | flat                     | eus3056          |
|                                            |                | rising                   | eus3057          |
|                                            |                | falling                  | eus3058          |
| 11 plural (at)                             | at 11 (plural) | flat                     | eus3060          |
|                                            |                | rising                   | eus3061          |
|                                            |                | falling                  | eus3062          |
| 12 plural (at)                             | at 12 (plural) | flat                     | eus3064          |
|                                            |                | rising                   | eus3065          |
|                                            |                | falling                  | eus3066          |
| 13 plural (at)                             | at 13 (plural) | flat                     | eus3068          |
|                                            |                | rising                   | eus3069          |
|                                            |                | falling                  | eus3070          |
| 14 plural (at)                             | at 14 (plural) | flat                     | eus3072          |
|                                            |                | rising                   | eus3073          |
|                                            |                | falling                  | eus3074          |
| 15 plural (at)                             | at 15 (plural) | flat                     | eus3076          |
|                                            |                | rising                   | eus3077          |
|                                            |                | falling                  | eus3078          |
| 16 plural (at)                             | at 16 (plural) | flat                     | eus3080          |
|                                            |                | rising                   | eus3081          |
|                                            |                | falling                  | eus3082          |
| 17 plural (at)                             | at 17 (plural) | flat                     | eus3084          |
|                                            |                | rising                   | eus3085          |
|                                            |                | falling                  | eus3086          |

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| <b>Basque phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------|--------------------------|------------------|
| 18 plural (at)                             | at 18 (plural)  | flat                     | eus3088          |
|                                            |                 | rising                   | eus3089          |
|                                            |                 | falling                  | eus3090          |
| 19 plural (at)                             | at 19 (plural)  | flat                     | eus3092          |
|                                            |                 | rising                   | eus3093          |
|                                            |                 | falling                  | eus3094          |
| 20 plural (at)                             | at 20 (plural)  | flat                     | eus3096          |
|                                            |                 | rising                   | eus3097          |
|                                            |                 | falling                  | eus3098          |
| 40 plural (at)                             | at 40 (plural)  | flat                     | eus3104          |
|                                            |                 | rising                   | eus3105          |
|                                            |                 | falling                  | eus3106          |
| 60 plural (at)                             | at 60 (plural)  | flat                     | eus3112          |
|                                            |                 | rising                   | eus3113          |
|                                            |                 | falling                  | eus3114          |
| 80 plural (at)                             | at 80 (plural)  | flat                     | eus3120          |
|                                            |                 | rising                   | eus3121          |
|                                            |                 | falling                  | eus3122          |
| 100 plural (at)                            | at 100 (plural) | flat                     | eus3132          |
|                                            |                 | rising                   | eus3133          |
|                                            |                 | falling                  | eus3134          |
| 200 plural (at)                            | at 200 (plural) | flat                     | eus3136          |
|                                            |                 | rising                   | eus3137          |
|                                            |                 | falling                  | eus3138          |
| 300 plural (at)                            | at 300 (plural) | flat                     | eus3140          |
|                                            |                 | rising                   | eus3141          |
|                                            |                 | falling                  | eus3142          |

**Basque audio (Sheet 52 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>       | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------------|--------------------------|------------------|
| 400 plural (at)                            | at 400 (plural)      | flat                     | eus3144          |
|                                            |                      | rising                   | eus3145          |
|                                            |                      | falling                  | eus3146          |
| 500 plural (at)                            | at 500 (plural)      | flat                     | eus3148          |
|                                            |                      | rising                   | eus3149          |
|                                            |                      | falling                  | eus3150          |
| 600 plural (at)                            | at 600 (plural)      | flat                     | eus3152          |
|                                            |                      | rising                   | eus3153          |
|                                            |                      | falling                  | eus3154          |
| 700 plural (at)                            | at 700 (plural)      | flat                     | eus3156          |
|                                            |                      | rising                   | eus3157          |
|                                            |                      | falling                  | eus3158          |
| 800 plural (at)                            | at 800 (plural)      | flat                     | eus3160          |
|                                            |                      | rising                   | eus3161          |
|                                            |                      | falling                  | eus3162          |
| 900 plural (at)                            | at 900 (plural)      | flat                     | eus3164          |
|                                            |                      | rising                   | eus3165          |
|                                            |                      | falling                  | eus3166          |
| thousand plural (at)                       | at thousand (plural) | flat                     | eus3004          |
|                                            |                      | rising                   | eus3005          |
|                                            |                      | falling                  | eus3006          |
| million plural (at)                        | at million (plural)  | flat                     | eus3244          |
|                                            |                      | rising                   | eus3245          |
|                                            |                      | falling                  | eus3246          |
|                                            | by (plural)          |                          |                  |

**Basque audio (Sheet 53 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 0 plural (by)                              | by 0 (plural)  | flat                     | eus3300          |
|                                            |                | rising                   | eus3301          |
|                                            |                | falling                  | eus3302          |
| 1 plural (by)                              | by 1 (plural)  | flat                     | eus3308          |
|                                            |                | rising                   | eus3309          |
|                                            |                | falling                  | eus3310          |
| 2 plural (by)                              | by 2 (plural)  | flat                     | eus3312          |
|                                            |                | rising                   | eus3313          |
|                                            |                | falling                  | eus3314          |
| 3 plural (by)                              | by 3 (plural)  | flat                     | eus3316          |
|                                            |                | rising                   | eus3317          |
|                                            |                | falling                  | eus3318          |
| 4 plural (by)                              | by 4 (plural)  | flat                     | eus3320          |
|                                            |                | rising                   | eus3321          |
|                                            |                | falling                  | eus3322          |
| 5 plural (by)                              | by 5 (plural)  | flat                     | eus3324          |
|                                            |                | rising                   | eus3325          |
|                                            |                | falling                  | eus3326          |
| 6 plural (by)                              | by 6 (plural)  | flat                     | eus3328          |
|                                            |                | rising                   | eus3329          |
|                                            |                | falling                  | eus3330          |
| 7 plural (by)                              | by 7 (plural)  | flat                     | eus3332          |
|                                            |                | rising                   | eus3333          |
|                                            |                | falling                  | eus3334          |
| 8 plural (by)                              | by 8 (plural)  | flat                     | eus3336          |
|                                            |                | rising                   | eus3337          |
|                                            |                | falling                  | eus3338          |

**Basque audio (Sheet 54 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 9 plural (by)                              | by 9 (plural)  | flat                     | eus3340          |
|                                            |                | rising                   | eus3341          |
|                                            |                | falling                  | eus3342          |
| 10 plural (by)                             | by 10 (plural) | flat                     | eus3356          |
|                                            |                | rising                   | eus3357          |
|                                            |                | falling                  | eus3358          |
| 11 plural (by)                             | by 11 (plural) | flat                     | eus3360          |
|                                            |                | rising                   | eus3361          |
|                                            |                | falling                  | eus3362          |
| 12 plural (by)                             | by 12 (plural) | flat                     | eus3364          |
|                                            |                | rising                   | eus3365          |
|                                            |                | falling                  | eus3366          |
| 13 plural (by)                             | by 13 (plural) | flat                     | eus3368          |
|                                            |                | rising                   | eus3369          |
|                                            |                | falling                  | eus3370          |
| 14 plural (by)                             | by 14 (plural) | flat                     | eus3372          |
|                                            |                | rising                   | eus3373          |
|                                            |                | falling                  | eus3374          |
| 15 plural (by)                             | by 15 (plural) | flat                     | eus3376          |
|                                            |                | rising                   | eus3377          |
|                                            |                | falling                  | eus3378          |
| 16 plural (by)                             | by 16 (plural) | flat                     | eus3380          |
|                                            |                | rising                   | eus3381          |
|                                            |                | falling                  | eus3382          |
| 17 plural (by)                             | by 17 (plural) | flat                     | eus3384          |
|                                            |                | rising                   | eus3385          |
|                                            |                | falling                  | eus3386          |

**Basque audio (Sheet 55 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------|--------------------------|------------------|
| 18 plural (by)                             | by 18 (plural)  | flat                     | eus3388          |
|                                            |                 | rising                   | eus3389          |
|                                            |                 | falling                  | eus3390          |
| 19 plural (by)                             | by 19 (plural)  | flat                     | eus3392          |
|                                            |                 | rising                   | eus3393          |
|                                            |                 | falling                  | eus3394          |
| 20 plural (by)                             | by 20 (plural)  | flat                     | eus3396          |
|                                            |                 | rising                   | eus3397          |
|                                            |                 | falling                  | eus3398          |
| 40 plural (by)                             | by 40 (plural)  | flat                     | eus3404          |
|                                            |                 | rising                   | eus3405          |
|                                            |                 | falling                  | eus3406          |
| 60 plural (by)                             | by 60 (plural)  | flat                     | eus3412          |
|                                            |                 | rising                   | eus3413          |
|                                            |                 | falling                  | eus3414          |
| 80 plural (by)                             | by 80 (plural)  | flat                     | eus3420          |
|                                            |                 | rising                   | eus3421          |
|                                            |                 | falling                  | eus3422          |
| 100 plural (by)                            | by 100 (plural) | flat                     | eus3432          |
|                                            |                 | rising                   | eus3433          |
|                                            |                 | falling                  | eus3434          |
| 200 plural (by)                            | by 200 (plural) | flat                     | eus3436          |
|                                            |                 | rising                   | eus3437          |
|                                            |                 | falling                  | eus3438          |
| 300 plural (by)                            | by 300 (plural) | flat                     | eus3440          |
|                                            |                 | rising                   | eus3441          |
|                                            |                 | falling                  | eus3442          |

**Basque audio (Sheet 56 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>       | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------------|--------------------------|------------------|
| 400 plural (by)                            | by 400 (plural)      | flat                     | eus3444          |
|                                            |                      | rising                   | eus3445          |
|                                            |                      | falling                  | eus3446          |
| 500 plural (by)                            | by 500 (plural)      | flat                     | eus3448          |
|                                            |                      | rising                   | eus3449          |
|                                            |                      | falling                  | eus3450          |
| 600 plural (by)                            | by 600 (plural)      | flat                     | eus3452          |
|                                            |                      | rising                   | eus3453          |
|                                            |                      | falling                  | eus3454          |
| 700 plural (by)                            | by 700 (plural)      | flat                     | eus3456          |
|                                            |                      | rising                   | eus3457          |
|                                            |                      | falling                  | eus3458          |
| 800 plural (by)                            | by 800 (plural)      | flat                     | eus3460          |
|                                            |                      | rising                   | eus3461          |
|                                            |                      | falling                  | eus3462          |
| 900 plural (by)                            | by 900 (plural)      | flat                     | eus3464          |
|                                            |                      | rising                   | eus3465          |
|                                            |                      | falling                  | eus3466          |
| thousand plural (by)                       | by thousand (plural) | flat                     | eus3304          |
|                                            |                      | rising                   | eus3305          |
|                                            |                      | falling                  | eus3306          |
| million plural (by)                        | by million (plural)  | flat                     | eus3544          |
|                                            |                      | rising                   | eus3545          |
|                                            |                      | falling                  | eus3546          |
|                                            | from (plural)        |                          |                  |

**Basque audio (Sheet 57 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------|--------------------------|------------------|
| 0 plural (from)                            | from 0 (plural) | flat                     | eus3600          |
|                                            |                 | rising                   | eus3601          |
|                                            |                 | falling                  | eus3602          |
| 1 plural (from)                            | from 1 (plural) | flat                     | eus3608          |
|                                            |                 | rising                   | eus3609          |
|                                            |                 | falling                  | eus3610          |
| 2 plural (from)                            | from 2 (plural) | flat                     | eus3612          |
|                                            |                 | rising                   | eus3613          |
|                                            |                 | falling                  | eus3614          |
| 3 plural (from)                            | from 3 (plural) | flat                     | eus3616          |
|                                            |                 | rising                   | eus3617          |
|                                            |                 | falling                  | eus3618          |
| 4 plural (from)                            | from 4 (plural) | flat                     | eus3620          |
|                                            |                 | rising                   | eus3621          |
|                                            |                 | falling                  | eus3622          |
| 5 plural (from)                            | from 5 (plural) | flat                     | eus3624          |
|                                            |                 | rising                   | eus3625          |
|                                            |                 | falling                  | eus3626          |
| 6 plural (from)                            | from 6 (plural) | flat                     | eus3628          |
|                                            |                 | rising                   | eus3629          |
|                                            |                 | falling                  | eus3630          |
| 7 plural (from)                            | from 7 (plural) | flat                     | eus3632          |
|                                            |                 | rising                   | eus3633          |
|                                            |                 | falling                  | eus3634          |
| 8 plural (from)                            | from 8 (plural) | flat                     | eus3636          |
|                                            |                 | rising                   | eus3637          |
|                                            |                 | falling                  | eus3638          |

**Basque audio (Sheet 58 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>   | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|------------------|--------------------------|------------------|
| 9 plural (from)                            | from 9 (plural)  | flat                     | eus3640          |
|                                            |                  | rising                   | eus3641          |
|                                            |                  | falling                  | eus3642          |
| 10 plural (from)                           | from 10 (plural) | flat                     | eus3656          |
|                                            |                  | rising                   | eus3657          |
|                                            |                  | falling                  | eus3658          |
| 11 plural (from)                           | from 11 (plural) | flat                     | eus3660          |
|                                            |                  | rising                   | eus3661          |
|                                            |                  | falling                  | eus3662          |
| 12 plural (from)                           | from 12 (plural) | flat                     | eus3664          |
|                                            |                  | rising                   | eus3665          |
|                                            |                  | falling                  | eus3666          |
| 13 plural (from)                           | from 13 (plural) | flat                     | eus3668          |
|                                            |                  | rising                   | eus3669          |
|                                            |                  | falling                  | eus3670          |
| 14 plural (from)                           | from 14 (plural) | flat                     | eus3672          |
|                                            |                  | rising                   | eus3673          |
|                                            |                  | falling                  | eus3674          |
| 15 plural (from)                           | from 15 (plural) | flat                     | eus3676          |
|                                            |                  | rising                   | eus3677          |
|                                            |                  | falling                  | eus3678          |
| 16 plural (from)                           | from 16 (plural) | flat                     | eus3680          |
|                                            |                  | rising                   | eus3681          |
|                                            |                  | falling                  | eus3682          |
| 17 plural (from)                           | from 17 (plural) | flat                     | eus3684          |
|                                            |                  | rising                   | eus3685          |
|                                            |                  | falling                  | eus3686          |

**Basque audio (Sheet 59 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-------------------|--------------------------|------------------|
| 18 plural (from)                           | from 18 (plural)  | flat                     | eus3688          |
|                                            |                   | rising                   | eus3689          |
|                                            |                   | falling                  | eus3690          |
| 19 plural (from)                           | from 19 (plural)  | flat                     | eus3692          |
|                                            |                   | rising                   | eus3693          |
|                                            |                   | falling                  | eus3694          |
| 20 plural (from)                           | from 20 (plural)  | flat                     | eus3696          |
|                                            |                   | rising                   | eus3697          |
|                                            |                   | falling                  | eus3698          |
| 40 plural (from)                           | from 40 (plural)  | flat                     | eus3704          |
|                                            |                   | rising                   | eus3705          |
|                                            |                   | falling                  | eus3706          |
| 60 plural (from)                           | from 60 (plural)  | flat                     | eus3712          |
|                                            |                   | rising                   | eus3713          |
|                                            |                   | falling                  | eus3714          |
| 80 plural (from)                           | from 80 (plural)  | flat                     | eus3720          |
|                                            |                   | rising                   | eus3721          |
|                                            |                   | falling                  | eus3722          |
| 100 plural (from)                          | from 100 (plural) | flat                     | eus3732          |
|                                            |                   | rising                   | eus3733          |
|                                            |                   | falling                  | eus3734          |
| 200 plural (from)                          | from 200 (plural) | flat                     | eus3736          |
|                                            |                   | rising                   | eus3737          |
|                                            |                   | falling                  | eus3738          |
| 300 plural (from)                          | from 300 (plural) | flat                     | eus3740          |
|                                            |                   | rising                   | eus3741          |
|                                            |                   | falling                  | eus3742          |

**Basque audio (Sheet 60 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|------------------------|--------------------------|------------------|
| 400 plural (from)                          | from 400 (plural)      | flat                     | eus3744          |
|                                            |                        | rising                   | eus3745          |
|                                            |                        | falling                  | eus3746          |
| 500 plural (from)                          | from 500 (plural)      | flat                     | eus3748          |
|                                            |                        | rising                   | eus3749          |
|                                            |                        | falling                  | eus3750          |
| 600 plural (from)                          | from 600 (plural)      | flat                     | eus3752          |
|                                            |                        | rising                   | eus3753          |
|                                            |                        | falling                  | eus3754          |
| 700 plural (from)                          | from 700 (plural)      | flat                     | eus3756          |
|                                            |                        | rising                   | eus3757          |
|                                            |                        | falling                  | eus3758          |
| 800 plural (from)                          | from 800 (plural)      | flat                     | eus3760          |
|                                            |                        | rising                   | eus3761          |
|                                            |                        | falling                  | eus3762          |
| 900 plural (from)                          | from 900 (plural)      | flat                     | eus3764          |
|                                            |                        | rising                   | eus3765          |
|                                            |                        | falling                  | eus3766          |
| thousand plural (from)                     | from thousand (plural) | flat                     | eus3604          |
|                                            |                        | rising                   | eus3605          |
|                                            |                        | falling                  | eus3606          |
| million plural (from)                      | from million (plural)  | flat                     | eus3768          |
|                                            |                        | rising                   | eus3769          |
|                                            |                        | falling                  | eus3770          |
|                                            | numbers (plural)       |                          |                  |

**Basque audio (Sheet 61 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 0 plural                                   | 0 (plural)     | flat                     | eus3772          |
|                                            |                | rising                   | eus3773          |
|                                            |                | falling                  | eus3774          |
| 1 plural                                   | 1 (plural)     | flat                     | eus3780          |
|                                            |                | rising                   | eus3781          |
|                                            |                | falling                  | eus3782          |
| 2 plural                                   | 2 (plural)     | flat                     | eus3784          |
|                                            |                | rising                   | eus3785          |
|                                            |                | falling                  | eus3786          |
| 3 plural                                   | 3 (plural)     | flat                     | eus3788          |
|                                            |                | rising                   | eus3789          |
|                                            |                | falling                  | eus3790          |
| 4 plural                                   | 4 (plural)     | flat                     | eus3792          |
|                                            |                | rising                   | eus3793          |
|                                            |                | falling                  | eus3794          |
| 5 plural                                   | 5 (plural)     | flat                     | eus3796          |
|                                            |                | rising                   | eus3797          |
|                                            |                | falling                  | eus3798          |
| 6 plural                                   | 6 (plural)     | flat                     | eus3800          |
|                                            |                | rising                   | eus3801          |
|                                            |                | falling                  | eus3802          |
| 7 plural                                   | 7 (plural)     | flat                     | eus3804          |
|                                            |                | rising                   | eus3805          |
|                                            |                | falling                  | eus3806          |
| 8 plural                                   | 8 (plural)     | flat                     | eus3808          |
|                                            |                | rising                   | eus3809          |
|                                            |                | falling                  | eus3810          |

**Basque audio (Sheet 62 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 9 plural                                   | 9 (plural)     | flat                     | eus3812          |
|                                            |                | rising                   | eus3813          |
|                                            |                | falling                  | eus3814          |
| 10 plural                                  | 10 (plural)    | flat                     | eus3828          |
|                                            |                | rising                   | eus3829          |
|                                            |                | falling                  | eus3830          |
| 11 plural                                  | 11 (plural)    | flat                     | eus3832          |
|                                            |                | rising                   | eus3833          |
|                                            |                | falling                  | eus3834          |
| 12 plural                                  | 12 (plural)    | flat                     | eus3836          |
|                                            |                | rising                   | eus3837          |
|                                            |                | falling                  | eus3838          |
| 13 plural                                  | 13 (plural)    | flat                     | eus3840          |
|                                            |                | rising                   | eus3841          |
|                                            |                | falling                  | eus3842          |
| 14 plural                                  | 14 (plural)    | flat                     | eus3844          |
|                                            |                | rising                   | eus3845          |
|                                            |                | falling                  | eus3846          |
| 15 plural                                  | 15 (plural)    | flat                     | eus3848          |
|                                            |                | rising                   | eus3849          |
|                                            |                | falling                  | eus3850          |
| 16 plural                                  | 16 (plural)    | flat                     | eus3852          |
|                                            |                | rising                   | eus3853          |
|                                            |                | falling                  | eus3854          |
| 17 plural                                  | 17 (plural)    | flat                     | eus3856          |
|                                            |                | rising                   | eus3857          |
|                                            |                | falling                  | eus3858          |

**Basque audio (Sheet 63 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| 18 plural                                  | 18 (plural)    | flat                     | eus3860          |
|                                            |                | rising                   | eus3861          |
|                                            |                | falling                  | eus3862          |
| 19 plural                                  | 19 (plural)    | flat                     | eus3864          |
|                                            |                | rising                   | eus3865          |
|                                            |                | falling                  | eus3866          |
| 20 plural                                  | 20 (plural)    | flat                     | eus3868          |
|                                            |                | rising                   | eus3869          |
|                                            |                | falling                  | eus3870          |
| 40 plural                                  | 40 (plural)    | flat                     | eus3876          |
|                                            |                | rising                   | eus3877          |
|                                            |                | falling                  | eus3878          |
| 60 plural                                  | 60 (plural)    | flat                     | eus3884          |
|                                            |                | rising                   | eus3885          |
|                                            |                | falling                  | eus3886          |
| 80 plural                                  | 80 (plural)    | flat                     | eus3892          |
|                                            |                | rising                   | eus3893          |
|                                            |                | falling                  | eus3894          |
| 100 plural                                 | 100 (plural)   | flat                     | eus3904          |
|                                            |                | rising                   | eus3905          |
|                                            |                | falling                  | eus3906          |
| 200 plural                                 | 200 (plural)   | flat                     | eus3908          |
|                                            |                | rising                   | eus3909          |
|                                            |                | falling                  | eus3910          |
| 300 plural                                 | 300 (plural)   | flat                     | eus3912          |
|                                            |                | rising                   | eus3913          |
|                                            |                | falling                  | eus3914          |

**Basque audio (Sheet 64 of 64)**

| <b>Basque phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-------------------|--------------------------|------------------|
| 400 plural                                 | 400 (plural)      | flat                     | eus3916          |
|                                            |                   | rising                   | eus3917          |
|                                            |                   | falling                  | eus3918          |
| 500 plural                                 | 500 (plural)      | flat                     | eus3920          |
|                                            |                   | rising                   | eus3921          |
|                                            |                   | falling                  | eus3922          |
| 600 plural                                 | 600 (plural)      | flat                     | eus3924          |
|                                            |                   | rising                   | eus3925          |
|                                            |                   | falling                  | eus3926          |
| 700 plural                                 | 700 (plural)      | flat                     | eus3928          |
|                                            |                   | rising                   | eus3929          |
|                                            |                   | falling                  | eus3930          |
| 800 plural                                 | 800 (plural)      | flat                     | eus3932          |
|                                            |                   | rising                   | eus3933          |
|                                            |                   | falling                  | eus3934          |
| 900 plural                                 | 900 (plural)      | flat                     | eus3936          |
|                                            |                   | rising                   | eus3937          |
|                                            |                   | falling                  | eus3938          |
| thousand plural                            | thousand (plural) | flat                     | eus3776          |
|                                            |                   | rising                   | eus3777          |
|                                            |                   | falling                  | eus3778          |
| million plural                             | million (plural)  | flat                     | eus3940          |
|                                            |                   | rising                   | eus3941          |
|                                            |                   | falling                  | eus3942          |

## Belgian Dutch audio files

**Note 1:** Audio file names bdu508–bdu610 are optional. Only record this audio if you provision the strings functionality on the system.

**Note 2:** Record audio file names bdu1200–bdu1486 only if you provision currency on the system.

**Note 3:** Belgian Dutch does not have a 12-hour format or an equivalent to the English a.m. or p.m. The flexibility of the UAS software allows 12-hour time to be provisioned. Audio file names bdu908–bdu914 are required if you provision the 12-hour functionality on the system.

### Belgian Dutch audio (Sheet 1 of 27)

| Belgian Dutch phrase or English equivalent | English                     | Phrase intonation | File name |
|--------------------------------------------|-----------------------------|-------------------|-----------|
| nul                                        | zero                        | flat              | bdu0      |
|                                            |                             | rising            | bdu1      |
|                                            |                             | falling           | bdu2      |
| e'e'n                                      | one<br>(neutral - counting) | flat              | bdu8      |
|                                            |                             | rising            | bdu9      |
|                                            |                             | falling           | bdu10     |
| twee                                       | two                         | flat              | bdu12     |
|                                            |                             | rising            | bdu13     |
|                                            |                             | falling           | bdu14     |
| drie                                       | three                       | flat              | bdu16     |
|                                            |                             | rising            | bdu17     |
|                                            |                             | falling           | bdu18     |
| vier                                       | four                        | flat              | bdu20     |
|                                            |                             | rising            | bdu21     |
|                                            |                             | falling           | bdu22     |

**Belgian Dutch audio (Sheet 2 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| vijf                                              | five           | flat                     | bdu24            |
|                                                   |                | rising                   | bdu25            |
|                                                   |                | falling                  | bdu26            |
| zes                                               | six            | flat                     | bdu28            |
|                                                   |                | rising                   | bdu29            |
|                                                   |                | falling                  | bdu30            |
| zeven                                             | seven          | flat                     | bdu32            |
|                                                   |                | rising                   | bdu33            |
|                                                   |                | falling                  | bdu34            |
| acht                                              | eight          | flat                     | bdu36            |
|                                                   |                | rising                   | bdu37            |
|                                                   |                | falling                  | bdu38            |
| negen                                             | nine           | flat                     | bdu40            |
|                                                   |                | rising                   | bdu41            |
|                                                   |                | falling                  | bdu42            |
| tien                                              | ten            | flat                     | bdu56            |
|                                                   |                | rising                   | bdu57            |
|                                                   |                | falling                  | bdu58            |
| elf                                               | eleven         | flat                     | bdu60            |
|                                                   |                | rising                   | bdu61            |
|                                                   |                | falling                  | bdu62            |
| twaalf                                            | twelve         | flat                     | bdu64            |
|                                                   |                | rising                   | bdu65            |
|                                                   |                | falling                  | bdu66            |
| dertien                                           | thirteen       | flat                     | bdu68            |
|                                                   |                | rising                   | bdu69            |
|                                                   |                | falling                  | bdu70            |

**Belgian Dutch audio (Sheet 3 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| veertien                                          | fourteen       | flat                     | bdu72            |
|                                                   |                | rising                   | bdu73            |
|                                                   |                | falling                  | bdu74            |
| vijftien                                          | fifteen        | flat                     | bdu76            |
|                                                   |                | rising                   | bdu77            |
|                                                   |                | falling                  | bdu78            |
| zestien                                           | sixteen        | flat                     | bdu80            |
|                                                   |                | rising                   | bdu81            |
|                                                   |                | falling                  | bdu82            |
| zeventien                                         | seventeen      | flat                     | bdu84            |
|                                                   |                | rising                   | bdu85            |
|                                                   |                | falling                  | bdu86            |
| achttien                                          | eighteen       | flat                     | bdu88            |
|                                                   |                | rising                   | bdu89            |
|                                                   |                | falling                  | bdu90            |
| negentien                                         | nineteen       | flat                     | bdu92            |
|                                                   |                | rising                   | bdu93            |
|                                                   |                | falling                  | bdu94            |
| twintig                                           | twenty         | flat                     | bdu96            |
|                                                   |                | rising                   | bdu97            |
|                                                   |                | falling                  | bdu98            |
| dertig                                            | thirty         | flat                     | bdu100           |
|                                                   |                | rising                   | bdu101           |
|                                                   |                | falling                  | bdu102           |
| veertig                                           | forty          | flat                     | bdu104           |
|                                                   |                | rising                   | bdu105           |
|                                                   |                | falling                  | bdu106           |

**Belgian Dutch audio (Sheet 4 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| vijftig                                           | fifty          | flat                     | bdu108           |
|                                                   |                | rising                   | bdu109           |
|                                                   |                | falling                  | bdu110           |
| zestig                                            | sixty          | flat                     | bdu112           |
|                                                   |                | rising                   | bdu113           |
|                                                   |                | falling                  | bdu114           |
| zeventig                                          | seventy        | flat                     | bdu116           |
|                                                   |                | rising                   | bdu117           |
|                                                   |                | falling                  | bdu118           |
| tachtig                                           | eighty         | flat                     | bdu120           |
|                                                   |                | rising                   | bdu121           |
|                                                   |                | falling                  | bdu122           |
| negentig                                          | ninety         | flat                     | bdu124           |
|                                                   |                | rising                   | bdu125           |
|                                                   |                | falling                  | bdu126           |
| honderd                                           | one-hundred    | flat                     | bdu132           |
|                                                   |                | rising                   | bdu133           |
|                                                   |                | falling                  | bdu134           |
| tweehonderd                                       | two-hundred    | flat                     | bdu136           |
|                                                   |                | rising                   | bdu137           |
|                                                   |                | falling                  | bdu138           |
| driehonderd                                       | three-hundred  | flat                     | bdu140           |
|                                                   |                | rising                   | bdu141           |
|                                                   |                | falling                  | bdu142           |
| vierhonderd                                       | four-hundred   | flat                     | bdu144           |
|                                                   |                | rising                   | bdu145           |
|                                                   |                | falling                  | bdu146           |

**Belgian Dutch audio (Sheet 5 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| vijfhonderd                                       | five-hundred   | flat                     | bdu148           |
|                                                   |                | rising                   | bdu149           |
|                                                   |                | falling                  | bdu150           |
| zeshonderd                                        | six-hundred    | flat                     | bdu152           |
|                                                   |                | rising                   | bdu153           |
|                                                   |                | falling                  | bdu154           |
| zevenhonderd                                      | seven-hundred  | flat                     | bdu156           |
|                                                   |                | rising                   | bdu157           |
|                                                   |                | falling                  | bdu158           |
| achthonderd                                       | eight-hundred  | flat                     | bdu160           |
|                                                   |                | rising                   | bdu161           |
|                                                   |                | falling                  | bdu162           |
| negenhonderd                                      | nine-hundred   | flat                     | bdu164           |
|                                                   |                | rising                   | bdu165           |
|                                                   |                | falling                  | bdu166           |
| duizend                                           | thousand       | flat                     | bdu496           |
|                                                   |                | rising                   | bdu497           |
|                                                   |                | falling                  | bdu498           |
| duizend                                           | one-thousand   | flat                     | bdu172           |
|                                                   |                | rising                   | bdu173           |
|                                                   |                | falling                  | bdu174           |
| tweeduizend                                       | two-thousand   | flat                     | bdu176           |
|                                                   |                | rising                   | bdu177           |
|                                                   |                | falling                  | bdu178           |
| drieduizend                                       | three-thousand | flat                     | bdu180           |
|                                                   |                | rising                   | bdu181           |
|                                                   |                | falling                  | bdu182           |

**Belgian Dutch audio (Sheet 6 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| vierduizend                                       | four-thousand  | flat                     | bdu184           |
|                                                   |                | rising                   | bdu185           |
|                                                   |                | falling                  | bdu186           |
| vijfduizend                                       | five-thousand  | flat                     | bdu188           |
|                                                   |                | rising                   | bdu189           |
|                                                   |                | falling                  | bdu190           |
| zesduizend                                        | six-thousand   | flat                     | bdu192           |
|                                                   |                | rising                   | bdu193           |
|                                                   |                | falling                  | bdu194           |
| zevenduizend                                      | seven-thousand | flat                     | bdu196           |
|                                                   |                | rising                   | bdu197           |
|                                                   |                | falling                  | bdu198           |
| achtduizend                                       | eight-thousand | flat                     | bdu200           |
|                                                   |                | rising                   | bdu201           |
|                                                   |                | falling                  | bdu202           |
| negenduizend                                      | nine-thousand  | flat                     | bdu204           |
|                                                   |                | rising                   | bdu205           |
|                                                   |                | falling                  | bdu206           |
| miljoen                                           | million        | flat                     | bdu500           |
|                                                   |                | rising                   | bdu501           |
|                                                   |                | falling                  | bdu502           |
| biljoen/miljard                                   | billion        | flat                     | bdu504           |
|                                                   |                | rising                   | bdu505           |
|                                                   |                | falling                  | bdu506           |
| eeenen                                            | "1 and"        | flat                     | bdu1508          |
|                                                   |                | rising                   | bdu1509          |
|                                                   |                | falling                  | bdu1510          |

**Belgian Dutch audio (Sheet 7 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| tweeen                                            | "2 and"        | flat                     | bdu1512          |
|                                                   |                | rising                   | bdu1513          |
|                                                   |                | falling                  | bdu1514          |
| drieen                                            | "3 and"        | flat                     | bdu1516          |
|                                                   |                | rising                   | bdu1517          |
|                                                   |                | falling                  | bdu1518          |
| vieren                                            | "4 and"        | flat                     | bdu1520          |
|                                                   |                | rising                   | bdu1521          |
|                                                   |                | falling                  | bdu1522          |
| vijfen                                            | "5 and"        | flat                     | bdu1524          |
|                                                   |                | rising                   | bdu1525          |
|                                                   |                | falling                  | bdu1526          |
| zesen                                             | "6 and"        | flat                     | bdu1528          |
|                                                   |                | rising                   | bdu1529          |
|                                                   |                | falling                  | bdu1530          |
| zevenen                                           | "7 and"        | flat                     | bdu1532          |
|                                                   |                | rising                   | bdu1533          |
|                                                   |                | falling                  | bdu1534          |
| achten                                            | "8 and"        | flat                     | bdu1536          |
|                                                   |                | rising                   | bdu1537          |
|                                                   |                | falling                  | bdu1538          |
| negenen                                           | "9 and"        | flat                     | bdu1540          |
|                                                   |                | rising                   | bdu1541          |
|                                                   |                | falling                  | bdu1542          |
| optional                                          | a              | flat                     | bdu508           |
|                                                   |                | rising                   | bdu509           |
|                                                   |                | falling                  | bdu510           |

**Belgian Dutch audio (Sheet 8 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| optional                                          | b              | flat                     | bdu512           |
|                                                   |                | rising                   | bdu513           |
|                                                   |                | falling                  | bdu514           |
| optional                                          | c              | flat                     | bdu516           |
|                                                   |                | rising                   | bdu517           |
|                                                   |                | falling                  | bdu518           |
| optional                                          | d              | flat                     | bdu520           |
|                                                   |                | rising                   | bdu521           |
|                                                   |                | falling                  | bdu522           |
| optional                                          | e              | flat                     | bdu524           |
|                                                   |                | rising                   | bdu525           |
|                                                   |                | falling                  | bdu526           |
| optional                                          | f              | flat                     | bdu528           |
|                                                   |                | rising                   | bdu529           |
|                                                   |                | falling                  | bdu530           |
| optional                                          | g              | flat                     | bdu532           |
|                                                   |                | rising                   | bdu533           |
|                                                   |                | falling                  | bdu534           |
| optional                                          | h              | flat                     | bdu536           |
|                                                   |                | rising                   | bdu537           |
|                                                   |                | falling                  | bdu538           |
| optional                                          | i              | flat                     | bdu540           |
|                                                   |                | rising                   | bdu541           |
|                                                   |                | falling                  | bdu542           |
| optional                                          | j              | flat                     | bdu544           |
|                                                   |                | rising                   | bdu545           |
|                                                   |                | falling                  | bdu546           |

**Belgian Dutch audio (Sheet 9 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| optional                                          | k              | flat                     | bdu548           |
|                                                   |                | rising                   | bdu549           |
|                                                   |                | falling                  | bdu550           |
| optional                                          | l              | flat                     | bdu552           |
|                                                   |                | rising                   | bdu553           |
|                                                   |                | falling                  | bdu554           |
| optional                                          | m              | flat                     | bdu556           |
|                                                   |                | rising                   | bdu557           |
|                                                   |                | falling                  | bdu558           |
| optional                                          | n              | flat                     | bdu560           |
|                                                   |                | rising                   | bdu561           |
|                                                   |                | falling                  | bdu562           |
| optional                                          | o              | flat                     | bdu564           |
|                                                   |                | rising                   | bdu565           |
|                                                   |                | falling                  | bdu566           |
| optional                                          | p              | flat                     | bdu568           |
|                                                   |                | rising                   | bdu569           |
|                                                   |                | falling                  | bdu570           |
| optional                                          | q              | flat                     | bdu572           |
|                                                   |                | rising                   | bdu573           |
|                                                   |                | falling                  | bdu574           |
| optional                                          | r              | flat                     | bdu576           |
|                                                   |                | rising                   | bdu577           |
|                                                   |                | falling                  | bdu578           |
| optional                                          | s              | flat                     | bdu580           |
|                                                   |                | rising                   | bdu581           |
|                                                   |                | falling                  | bdu582           |

**Belgian Dutch audio (Sheet 10 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| optional                                          | t              | flat                     | bdu584           |
|                                                   |                | rising                   | bdu585           |
|                                                   |                | falling                  | bdu586           |
| optional                                          | u              | flat                     | bdu588           |
|                                                   |                | rising                   | bdu589           |
|                                                   |                | falling                  | bdu590           |
| optional                                          | v              | flat                     | bdu592           |
|                                                   |                | rising                   | bdu593           |
|                                                   |                | falling                  | bdu594           |
| optional                                          | w              | flat                     | bdu596           |
|                                                   |                | rising                   | bdu597           |
|                                                   |                | falling                  | bdu598           |
| optional                                          | x              | flat                     | bdu600           |
|                                                   |                | rising                   | bdu601           |
|                                                   |                | falling                  | bdu602           |
| optional                                          | y              | flat                     | bdu604           |
|                                                   |                | rising                   | bdu605           |
|                                                   |                | falling                  | bdu606           |
| optional                                          | z              | flat                     | bdu608           |
|                                                   |                | rising                   | bdu609           |
|                                                   |                | falling                  | bdu610           |
| negatief                                          | negative       | flat                     | bdu616           |
|                                                   |                | rising                   | bdu617           |
|                                                   |                | falling                  | bdu618           |
| en                                                | and            | flat                     | bdu620           |
|                                                   |                | rising                   | bdu621           |
|                                                   |                | falling                  | bdu622           |

**Belgian Dutch audio (Sheet 11 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| uur                                               | hour           | flat                     | bdu624           |
|                                                   |                | rising                   | bdu625           |
|                                                   |                | falling                  | bdu626           |
| ren                                               | hours          | flat                     | bdu628           |
|                                                   |                | rising                   | bdu629           |
|                                                   |                | falling                  | bdu630           |
| minuut                                            | minute         | flat                     | bdu632           |
|                                                   |                | rising                   | bdu633           |
|                                                   |                | falling                  | bdu634           |
| minuten                                           | minutes        | flat                     | bdu636           |
|                                                   |                | rising                   | bdu637           |
|                                                   |                | falling                  | bdu638           |
| seconde                                           | second         | flat                     | bdu640           |
|                                                   |                | rising                   | bdu641           |
|                                                   |                | falling                  | bdu642           |
| seconden                                          | seconds        | flat                     | bdu644           |
|                                                   |                | rising                   | bdu645           |
|                                                   |                | falling                  | bdu646           |
| januari                                           | January        | flat                     | bdu648           |
|                                                   |                | rising                   | bdu649           |
|                                                   |                | falling                  | bdu650           |
| februari                                          | February       | flat                     | bdu652           |
|                                                   |                | rising                   | bdu653           |
|                                                   |                | falling                  | bdu654           |
| maart                                             | March          | flat                     | bdu656           |
|                                                   |                | rising                   | bdu657           |
|                                                   |                | falling                  | bdu658           |

**Belgian Dutch audio (Sheet 12 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| april                                             | April          | flat                     | bdu660           |
|                                                   |                | rising                   | bdu661           |
|                                                   |                | falling                  | bdu662           |
| mei                                               | May            | flat                     | bdu664           |
|                                                   |                | rising                   | bdu665           |
|                                                   |                | falling                  | bdu666           |
| juni                                              | June           | flat                     | bdu668           |
|                                                   |                | rising                   | bdu669           |
|                                                   |                | falling                  | bdu670           |
| juli                                              | July           | flat                     | bdu672           |
|                                                   |                | rising                   | bdu673           |
|                                                   |                | falling                  | bdu674           |
| augustus                                          | August         | flat                     | bdu676           |
|                                                   |                | rising                   | bdu677           |
|                                                   |                | falling                  | bdu678           |
| september                                         | September      | flat                     | bdu680           |
|                                                   |                | rising                   | bdu681           |
|                                                   |                | falling                  | bdu682           |
| oktober                                           | October        | flat                     | bdu684           |
|                                                   |                | rising                   | bdu685           |
|                                                   |                | falling                  | bdu686           |
| november                                          | November       | flat                     | bdu688           |
|                                                   |                | rising                   | bdu689           |
|                                                   |                | falling                  | bdu690           |
| december                                          | December       | flat                     | bdu692           |
|                                                   |                | rising                   | bdu693           |
|                                                   |                | falling                  | bdu694           |

**Belgian Dutch audio (Sheet 13 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|-----------------|--------------------------|------------------|
| zondag                                            | Sunday          | flat                     | bdu696           |
|                                                   |                 | rising                   | bdu697           |
|                                                   |                 | falling                  | bdu698           |
| manndag                                           | Monday          | flat                     | bdu700           |
|                                                   |                 | rising                   | bdu701           |
|                                                   |                 | falling                  | bdu702           |
| dinsdag                                           | Tuesday         | flat                     | bdu704           |
|                                                   |                 | rising                   | bdu705           |
|                                                   |                 | falling                  | bdu706           |
| woensdag                                          | Wednesday       | flat                     | bdu708           |
|                                                   |                 | rising                   | bdu709           |
|                                                   |                 | falling                  | bdu710           |
| donderdag                                         | Thursday        | flat                     | bdu712           |
|                                                   |                 | rising                   | bdu713           |
|                                                   |                 | falling                  | bdu714           |
| vrijdag                                           | Friday          | flat                     | bdu716           |
|                                                   |                 | rising                   | bdu717           |
|                                                   |                 | falling                  | bdu718           |
| zaterdag                                          | Saturday        | flat                     | bdu720           |
|                                                   |                 | rising                   | bdu721           |
|                                                   |                 | falling                  | bdu722           |
| eerste                                            | first<br>(masc) | flat                     | bdu728           |
|                                                   |                 | rising                   | bdu729           |
|                                                   |                 | falling                  | bdu730           |
| tweede                                            | second          | flat                     | bdu732           |
|                                                   |                 | rising                   | bdu733           |
|                                                   |                 | falling                  | bdu734           |

**Belgian Dutch audio (Sheet 14 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| derde                                             | third          | flat                     | bdu736           |
|                                                   |                | rising                   | bdu737           |
|                                                   |                | falling                  | bdu738           |
| vierde                                            | fourth         | flat                     | bdu740           |
|                                                   |                | rising                   | bdu741           |
|                                                   |                | falling                  | bdu742           |
| vijfde                                            | fifth          | flat                     | bdu744           |
|                                                   |                | rising                   | bdu745           |
|                                                   |                | falling                  | bdu746           |
| zesde                                             | sixth          | flat                     | bdu748           |
|                                                   |                | rising                   | bdu749           |
|                                                   |                | falling                  | bdu750           |
| zevende                                           | seventh        | flat                     | bdu752           |
|                                                   |                | rising                   | bdu753           |
|                                                   |                | falling                  | bdu754           |
| achtste                                           | eighth         | flat                     | bdu756           |
|                                                   |                | rising                   | bdu757           |
|                                                   |                | falling                  | bdu758           |
| negende                                           | ninth          | flat                     | bdu760           |
|                                                   |                | rising                   | bdu761           |
|                                                   |                | falling                  | bdu762           |
| tiende                                            | tenth          | flat                     | bdu764           |
|                                                   |                | rising                   | bdu765           |
|                                                   |                | falling                  | bdu766           |
| elfde                                             | eleventh       | flat                     | bdu768           |
|                                                   |                | rising                   | bdu769           |
|                                                   |                | falling                  | bdu770           |

**Belgian Dutch audio (Sheet 15 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| twaalfde                                          | twelfth        | flat                     | bdu772           |
|                                                   |                | rising                   | bdu773           |
|                                                   |                | falling                  | bdu774           |
| dertiende                                         | thirteenth     | flat                     | bdu776           |
|                                                   |                | rising                   | bdu777           |
|                                                   |                | falling                  | bdu778           |
| veertiende                                        | fourteenth     | flat                     | bdu780           |
|                                                   |                | rising                   | bdu781           |
|                                                   |                | falling                  | bdu782           |
| vijftiende                                        | fifteenth      | flat                     | bdu784           |
|                                                   |                | rising                   | bdu785           |
|                                                   |                | falling                  | bdu786           |
| zestiende                                         | sixteenth      | flat                     | bdu788           |
|                                                   |                | rising                   | bdu789           |
|                                                   |                | falling                  | bdu790           |
| zeventiende                                       | seventeenth    | flat                     | bdu792           |
|                                                   |                | rising                   | bdu793           |
|                                                   |                | falling                  | bdu794           |
| achttiende                                        | eighteenth     | flat                     | bdu796           |
|                                                   |                | rising                   | bdu797           |
|                                                   |                | falling                  | bdu798           |
| negentiende                                       | nineteenth     | flat                     | bdu800           |
|                                                   |                | rising                   | bdu801           |
|                                                   |                | falling                  | bdu802           |
| twintigste                                        | twentieth      | flat                     | bdu804           |
|                                                   |                | rising                   | bdu805           |
|                                                   |                | falling                  | bdu806           |

**Belgian Dutch audio (Sheet 16 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|----------------|--------------------------|------------------|
| dertigste                                         | thirtieth      | flat                     | bdu808           |
|                                                   |                | rising                   | bdu809           |
|                                                   |                | falling                  | bdu810           |
| veertigste                                        | fortieth       | flat                     | bdu812           |
|                                                   |                | rising                   | bdu813           |
|                                                   |                | falling                  | bdu814           |
| vijftigste                                        | fiftieth       | flat                     | bdu816           |
|                                                   |                | rising                   | bdu817           |
|                                                   |                | falling                  | bdu818           |
| zestigste                                         | sixtieth       | flat                     | bdu820           |
|                                                   |                | rising                   | bdu821           |
|                                                   |                | falling                  | bdu822           |
| zeventigste                                       | seventieth     | flat                     | bdu824           |
|                                                   |                | rising                   | bdu825           |
|                                                   |                | falling                  | bdu826           |
| tachtigste                                        | eightieth      | flat                     | bdu828           |
|                                                   |                | rising                   | bdu829           |
|                                                   |                | falling                  | bdu830           |
| negentigste                                       | ninetieth      | flat                     | bdu832           |
|                                                   |                | rising                   | bdu833           |
|                                                   |                | falling                  | bdu834           |
| honderdste                                        | one-hundredth  | flat                     | bdu836           |
|                                                   |                | rising                   | bdu837           |
|                                                   |                | falling                  | bdu838           |
| tweehonderdste                                    | two-hundredth  | flat                     | bdu840           |
|                                                   |                | rising                   | bdu841           |
|                                                   |                | falling                  | bdu842           |

**Belgian Dutch audio (Sheet 17 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|-----------------|--------------------------|------------------|
| driehonderdste                                    | three-hundredth | flat                     | bdu844           |
|                                                   |                 | rising                   | bdu845           |
|                                                   |                 | falling                  | bdu846           |
| vierhonderdste                                    | four-hundredth  | flat                     | bdu848           |
|                                                   |                 | rising                   | bdu849           |
|                                                   |                 | falling                  | bdu850           |
| vijfhonderdste                                    | five-hundredth  | flat                     | bdu852           |
|                                                   |                 | rising                   | bdu853           |
|                                                   |                 | falling                  | bdu854           |
| zeshonderdste                                     | six-hundredth   | flat                     | bdu856           |
|                                                   |                 | rising                   | bdu857           |
|                                                   |                 | falling                  | bdu858           |
| zevenhonderdste                                   | seven-hundredth | flat                     | bdu860           |
|                                                   |                 | rising                   | bdu861           |
|                                                   |                 | falling                  | bdu862           |
| achthonderdste                                    | eight-hundredth | flat                     | bdu864           |
|                                                   |                 | rising                   | bdu865           |
|                                                   |                 | falling                  | bdu866           |
| negenhonderdste                                   | nine-hundredth  | flat                     | bdu868           |
|                                                   |                 | rising                   | bdu869           |
|                                                   |                 | falling                  | bdu870           |
| duizendste                                        | thousandth      | flat                     | bdu872           |
|                                                   |                 | rising                   | bdu873           |
|                                                   |                 | falling                  | bdu874           |
| duizend                                           | one-thousandth  | flat                     | bdu1548          |
|                                                   |                 | rising                   | bdu1549          |
|                                                   |                 | falling                  | bdu1550          |

**Belgian Dutch audio (Sheet 18 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b>   | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|------------------|--------------------------|------------------|
| tweeduizend                                       | two-thousandth   | flat                     | bdu1552          |
|                                                   |                  | rising                   | bdu1553          |
|                                                   |                  | falling                  | bdu1554          |
| drieduizend                                       | three-thousandth | flat                     | bdu1556          |
|                                                   |                  | rising                   | bdu1557          |
|                                                   |                  | falling                  | bdu1558          |
| vierduizend                                       | four-thousandth  | flat                     | bdu1560          |
|                                                   |                  | rising                   | bdu1561          |
|                                                   |                  | falling                  | bdu1562          |
| vijfduizend                                       | five-thousandth  | flat                     | bdu1564          |
|                                                   |                  | rising                   | bdu1565          |
|                                                   |                  | falling                  | bdu1566          |
| zesduizend                                        | six-thousandth   | flat                     | bdu1568          |
|                                                   |                  | rising                   | bdu1569          |
|                                                   |                  | falling                  | bdu1570          |
| zevenduizend                                      | seven-thousandth | flat                     | bdu1572          |
|                                                   |                  | rising                   | bdu1573          |
|                                                   |                  | falling                  | bdu1574          |
| achtduizend                                       | eight-thousandth | flat                     | bdu1576          |
|                                                   |                  | rising                   | bdu1577          |
|                                                   |                  | falling                  | bdu1578          |
| negenduizend                                      | nine-thousandth  | flat                     | bdu1580          |
|                                                   |                  | rising                   | bdu1581          |
|                                                   |                  | falling                  | bdu1582          |
| miljoenste                                        | millionth        | flat                     | bdu880           |
|                                                   |                  | rising                   | bdu881           |
|                                                   |                  | falling                  | bdu882           |

**Belgian Dutch audio (Sheet 19 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|-------------------|--------------------------|------------------|
| miljardste                                        |                   | flat                     | bdu888           |
|                                                   |                   | rising                   | bdu889           |
|                                                   |                   | falling                  | bdu890           |
| pond                                              | pound sign<br>(#) | flat                     | bdu896           |
|                                                   |                   | rising                   | bdu897           |
|                                                   |                   | falling                  | bdu898           |
| ster                                              | asterisk<br>(*)   | flat                     | bdu900           |
|                                                   |                   | rising                   | bdu901           |
|                                                   |                   | falling                  | bdu902           |
| a.m.                                              | a.m.              | flat                     | bdu908           |
|                                                   |                   | rising                   | bdu909           |
|                                                   |                   | falling                  | bdu910           |
| p.m.                                              | p.m.              | flat                     | bdu912           |
|                                                   |                   | rising                   | bdu913           |
|                                                   |                   | falling                  | bdu914           |
| Dollar                                            | dollar<br>(US)    | flat                     | bdu1200          |
|                                                   |                   | rising                   | bdu1201          |
|                                                   |                   | falling                  | bdu1202          |
| Dollars                                           | dollars<br>(US)   | flat                     | bdu1204          |
|                                                   |                   | rising                   | bdu1205          |
|                                                   |                   | falling                  | bdu1206          |
| Cent                                              | cent<br>(US)      | flat                     | bdu1208          |
|                                                   |                   | rising                   | bdu1209          |
|                                                   |                   | falling                  | bdu1210          |
| Cents                                             | cents<br>(US)     | flat                     | bdu1212          |
|                                                   |                   | rising                   | bdu1213          |
|                                                   |                   | falling                  | bdu1214          |

**Belgian Dutch audio (Sheet 20 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|--------------------------|--------------------------|------------------|
| mark                                              | mark<br>(Germany)        | flat                     | bdu1216          |
|                                                   |                          | rising                   | bdu1217          |
|                                                   |                          | falling                  | bdu1218          |
| marks                                             | marks<br>(Germany)       | flat                     | bdu1220          |
|                                                   |                          | rising                   | bdu1221          |
|                                                   |                          | falling                  | bdu1222          |
| pfennig                                           | pfennig<br>(Germany)     | flat                     | bdu1224          |
|                                                   |                          | rising                   | bdu1225          |
|                                                   |                          | falling                  | bdu1226          |
| pfennigs                                          | pfennigs<br>(Germany)    | flat                     | bdu1228          |
|                                                   |                          | rising                   | bdu1229          |
|                                                   |                          | falling                  | bdu1230          |
| yen                                               | yen<br>(Japan)           | flat                     | bdu1232          |
|                                                   |                          | rising                   | bdu1233          |
|                                                   |                          | falling                  | bdu1234          |
| yens                                              | yens<br>(Japan)          | flat                     | bdu1236          |
|                                                   |                          | rising                   | bdu1237          |
|                                                   |                          | falling                  | bdu1238          |
| lira                                              | lira<br>(Italy)          | flat                     | bdu1240          |
|                                                   |                          | rising                   | bdu1241          |
|                                                   |                          | falling                  | bdu1242          |
| lire                                              | liras<br>(Italy)         | flat                     | bdu1244          |
|                                                   |                          | rising                   | bdu1245          |
|                                                   |                          | falling                  | bdu1246          |
| guilder                                           | guilder<br>(Netherlands) | flat                     | bdu1248          |
|                                                   |                          | rising                   | bdu1249          |
|                                                   |                          | falling                  | bdu1250          |

**Belgian Dutch audio (Sheet 21 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|---------------------------|--------------------------|------------------|
| guilders                                          | guilders<br>(Netherlands) | flat                     | bdu1252          |
|                                                   |                           | rising                   | bdu1253          |
|                                                   |                           | falling                  | bdu1254          |
| cent                                              | cent<br>(Netherlands)     | flat                     | bdu1256          |
|                                                   |                           | rising                   | bdu1257          |
|                                                   |                           | falling                  | bdu1258          |
| cent                                              | cents<br>(Netherlands)    | flat                     | bdu1260          |
|                                                   |                           | rising                   | bdu1261          |
|                                                   |                           | falling                  | bdu1262          |
| pound                                             | pound<br>(UK)             | flat                     | bdu1264          |
|                                                   |                           | rising                   | bdu1265          |
|                                                   |                           | falling                  | bdu1266          |
| pounds                                            | pounds<br>(UK)            | flat                     | bdu1268          |
|                                                   |                           | rising                   | bdu1269          |
|                                                   |                           | falling                  | bdu1270          |
| penny                                             | penny<br>(UK)             | flat                     | bdu1272          |
|                                                   |                           | rising                   | bdu1273          |
|                                                   |                           | falling                  | bdu1274          |
| pence                                             | pence<br>(UK)             | flat                     | bdu1276          |
|                                                   |                           | rising                   | bdu1277          |
|                                                   |                           | falling                  | bdu1278          |
| euro                                              | euro<br>(Euro)            | flat                     | bdu1280          |
|                                                   |                           | rising                   | bdu1281          |
|                                                   |                           | falling                  | bdu1282          |
| euros                                             | euros<br>(Euro)           | flat                     | bdu1284          |
|                                                   |                           | rising                   | bdu1285          |
|                                                   |                           | falling                  | bdu1286          |

**Belgian Dutch audio (Sheet 22 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|-----------------------|--------------------------|------------------|
| eurocent                                          | eurocent<br>(Euro)    | flat                     | bdu1288          |
|                                                   |                       | rising                   | bdu1289          |
|                                                   |                       | falling                  | bdu1290          |
| eurocents                                         | eurocents<br>(Euro)   | flat                     | bdu1292          |
|                                                   |                       | rising                   | bdu1293          |
|                                                   |                       | falling                  | bdu1294          |
| franc                                             | franc<br>(France)     | flat                     | bdu1296          |
|                                                   |                       | rising                   | bdu1297          |
|                                                   |                       | falling                  | bdu1298          |
| francs                                            | francs<br>(France)    | flat                     | bdu1300          |
|                                                   |                       | rising                   | bdu1301          |
|                                                   |                       | falling                  | bdu1302          |
| centime                                           | centime<br>(France)   | flat                     | bdu1304          |
|                                                   |                       | rising                   | bdu1305          |
|                                                   |                       | falling                  | bdu1306          |
| centimes                                          | centimes<br>(France)  | flat                     | bdu1308          |
|                                                   |                       | rising                   | bdu1309          |
|                                                   |                       | falling                  | bdu1310          |
| peseta                                            | peseta<br>(Spain)     | flat                     | bdu1312          |
|                                                   |                       | rising                   | bdu1313          |
|                                                   |                       | falling                  | bdu1314          |
| pesetas                                           | pesetas<br>(Spain)    | flat                     | bdu1316          |
|                                                   |                       | rising                   | bdu1317          |
|                                                   |                       | falling                  | bdu1318          |
| peso                                              | peso<br>(Philippines) | flat                     | bdu1328          |
|                                                   |                       | rising                   | bdu1329          |
|                                                   |                       | falling                  | bdu1330          |

**Belgian Dutch audio (Sheet 23 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|---------------------------|--------------------------|------------------|
| pesos                                             | pesos<br>(Philippines)    | flat                     | bdu1332          |
|                                                   |                           | rising                   | bdu1333          |
|                                                   |                           | falling                  | bdu1334          |
| centavo                                           | centavo<br>(Philippines)  | flat                     | bdu1336          |
|                                                   |                           | rising                   | bdu1337          |
|                                                   |                           | falling                  | bdu1338          |
| centavos                                          | centavos<br>(Philippines) | flat                     | bdu1340          |
|                                                   |                           | rising                   | bdu1341          |
|                                                   |                           | falling                  | bdu1342          |
| ringgit                                           | ringgit<br>(Malaysia)     | flat                     | bdu1344          |
|                                                   |                           | rising                   | bdu1345          |
|                                                   |                           | falling                  | bdu1346          |
| ringgits                                          | ringgits<br>(Malaysia)    | flat                     | bdu1348          |
|                                                   |                           | rising                   | bdu1349          |
|                                                   |                           | falling                  | bdu1350          |
| sen                                               | sen<br>(Malaysia)         | flat                     | bdu1352          |
|                                                   |                           | rising                   | bdu1353          |
|                                                   |                           | falling                  | bdu1354          |
| sens                                              | sens<br>(Malaysia)        | flat                     | bdu1356          |
|                                                   |                           | rising                   | bdu1357          |
|                                                   |                           | falling                  | bdu1358          |
| baht                                              | baht<br>(Thailand)        | flat                     | bdu1360          |
|                                                   |                           | rising                   | bdu1361          |
|                                                   |                           | falling                  | bdu1362          |
| bahts                                             | bahts<br>(Thailand)       | flat                     | bdu1364          |
|                                                   |                           | rising                   | bdu1365          |
|                                                   |                           | falling                  | bdu1366          |

**Belgian Dutch audio (Sheet 24 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|-----------------------|--------------------------|------------------|
| satang                                            | satang<br>(Thailand)  | flat                     | bdu1368          |
|                                                   |                       | rising                   | bdu1369          |
|                                                   |                       | falling                  | bdu1370          |
| satangs                                           | satangs<br>(Thailand) | flat                     | bdu1372          |
|                                                   |                       | rising                   | bdu1373          |
|                                                   |                       | falling                  | bdu1374          |
| won                                               | won<br>(Korea)        | flat                     | bdu1376          |
|                                                   |                       | rising                   | bdu1377          |
|                                                   |                       | falling                  | bdu1378          |
| wons                                              | wons<br>(Korea)       | flat                     | bdu1380          |
|                                                   |                       | rising                   | bdu1381          |
|                                                   |                       | falling                  | bdu1382          |
| franc                                             | franc<br>(Belgium)    | flat                     | bdu1384          |
|                                                   |                       | rising                   | bdu1385          |
|                                                   |                       | falling                  | bdu1386          |
| francs                                            | francs<br>(Belgium)   | flat                     | bdu1388          |
|                                                   |                       | rising                   | bdu1389          |
|                                                   |                       | falling                  | bdu1390          |
| centime                                           | centime<br>(Belgium)  | flat                     | bdu1392          |
|                                                   |                       | rising                   | bdu1393          |
|                                                   |                       | falling                  | bdu1394          |
| centimes                                          | centimes<br>(Belgium) | flat                     | bdu1396          |
|                                                   |                       | rising                   | bdu1397          |
|                                                   |                       | falling                  | bdu1398          |
| dollar                                            | dollar<br>(Canada)    | flat                     | bdu1400          |
|                                                   |                       | rising                   | bdu1401          |
|                                                   |                       | falling                  | bdu1402          |

**Belgian Dutch audio (Sheet 25 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|------------------------|--------------------------|------------------|
| dollars                                           | dollars<br>(Canada)    | flat                     | bdu1404          |
|                                                   |                        | rising                   | bdu1405          |
|                                                   |                        | falling                  | bdu1406          |
| cent                                              | cent<br>(Canada)       | flat                     | bdu1408          |
|                                                   |                        | rising                   | bdu1409          |
|                                                   |                        | falling                  | bdu1410          |
| cents                                             | cents<br>(Canada)      | flat                     | bdu1412          |
|                                                   |                        | rising                   | bdu1413          |
|                                                   |                        | falling                  | bdu1414          |
| dollar                                            | dollar<br>(Hong Kong)  | flat                     | bdu1416          |
|                                                   |                        | rising                   | bdu1417          |
|                                                   |                        | falling                  | bdu1418          |
| dollars                                           | dollars<br>(Hong Kong) | flat                     | bdu1420          |
|                                                   |                        | rising                   | bdu1421          |
|                                                   |                        | falling                  | bdu1422          |
| cent                                              | cent<br>(Hong Kong)    | flat                     | bdu1424          |
|                                                   |                        | rising                   | bdu1425          |
|                                                   |                        | falling                  | bdu1426          |
| cents                                             | cents<br>(Hong Kong)   | flat                     | bdu1428          |
|                                                   |                        | rising                   | bdu1429          |
|                                                   |                        | falling                  | bdu1430          |
| Gok                                               | gok<br>(Hong Kong)     | flat                     | bdu1488          |
|                                                   |                        | rising                   | bdu1489          |
|                                                   |                        | falling                  | bdu1490          |
| Goks                                              | goks<br>(Hong Kong)    | flat                     | bdu1492          |
|                                                   |                        | rising                   | bdu1493          |
|                                                   |                        | falling                  | bdu1494          |

**Belgian Dutch audio (Sheet 26 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|------------------------|--------------------------|------------------|
| escudo                                            | escudo<br>(Portugal)   | flat                     | bdu1432          |
|                                                   |                        | rising                   | bdu1433          |
|                                                   |                        | falling                  | bdu1434          |
| escudos                                           | escudos<br>(Portugal)  | flat                     | bdu1436          |
|                                                   |                        | rising                   | bdu1437          |
|                                                   |                        | falling                  | bdu1438          |
| centavo                                           | centavo<br>(Portugal)  | flat                     | bdu1440          |
|                                                   |                        | rising                   | bdu1441          |
|                                                   |                        | falling                  | bdu1442          |
| centavos                                          | centavos<br>(Portugal) | flat                     | bdu1444          |
|                                                   |                        | rising                   | bdu1445          |
|                                                   |                        | falling                  | bdu1446          |
| yuan                                              | yuan<br>(China)        | flat                     | bdu1448          |
|                                                   |                        | rising                   | bdu1449          |
|                                                   |                        | falling                  | bdu1450          |
| yuans                                             | yuans<br>(China)       | flat                     | bdu1452          |
|                                                   |                        | rising                   | bdu1453          |
|                                                   |                        | falling                  | bdu1454          |
| jiao                                              | jiao<br>(China)        | flat                     | bdu1456          |
|                                                   |                        | rising                   | bdu1457          |
|                                                   |                        | falling                  | bdu1458          |
| jiaos                                             | jiaos<br>(China)       | flat                     | bdu1460          |
|                                                   |                        | rising                   | bdu1461          |
|                                                   |                        | falling                  | bdu1462          |
| fen                                               | fen<br>(China)         | flat                     | bdu1464          |
|                                                   |                        | rising                   | bdu1465          |
|                                                   |                        | falling                  | bdu1466          |

**Belgian Dutch audio (Sheet 27 of 27)**

| <b>Belgian Dutch phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------------|---------------------|--------------------------|------------------|
| fens                                              | fens<br>(China)     | flat                     | bdu1468          |
|                                                   |                     | rising                   | bdu1469          |
|                                                   |                     | falling                  | bdu1470          |
| pound                                             | pound<br>(Ireland)  | flat                     | bdu1472          |
|                                                   |                     | rising                   | bdu1473          |
|                                                   |                     | falling                  | bdu1474          |
| pounds                                            | pounds<br>(Ireland) | flat                     | bdu1476          |
|                                                   |                     | rising                   | bdu1477          |
|                                                   |                     | falling                  | bdu1478          |
| penny                                             | penny<br>(Ireland)  | flat                     | bdu1480          |
|                                                   |                     | rising                   | bdu1481          |
|                                                   |                     | falling                  | bdu1482          |
| pence                                             | pence<br>(Ireland)  | flat                     | bdu1484          |
|                                                   |                     | rising                   | bdu1485          |
|                                                   |                     | falling                  | bdu1486          |

## Cantonese audio files

**Note 1:** Audio file names cnt508–cnt610 are optional. Only record the files when the user provisions the string functionality on the system.

**Note 2:** Record audio file names cnt908–cnt1486 if you provision currency on the system.

### Cantonese audio (Sheet 1 of 12)

| Cantonese phrase or English equivalent | English | Phrase intonation | File name |
|----------------------------------------|---------|-------------------|-----------|
| ling                                   | zero    | flat              | cnt0      |
|                                        |         | rising            | cnt1      |
|                                        |         | falling           | cnt2      |
| yat                                    | one     | flat              | cnt8      |
|                                        |         | rising            | cnt9      |
|                                        |         | falling           | cnt10     |
| yi                                     | two     | flat              | cnt12     |
|                                        |         | rising            | cnt13     |
|                                        |         | falling           | cnt14     |
| saam                                   | three   | flat              | cnt16     |
|                                        |         | rising            | cnt17     |
|                                        |         | falling           | cnt18     |
| sei                                    | four    | flat              | cnt20     |
|                                        |         | rising            | cnt21     |
|                                        |         | falling           | cnt22     |
| ng                                     | five    | flat              | cnt24     |
|                                        |         | rising            | cnt25     |
|                                        |         | falling           | cnt26     |

**Cantonese audio (Sheet 2 of 12)**

| <b>Cantonese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-----------------------------------------------|----------------|--------------------------|------------------|
| luk                                           | six            | flat                     | cnt28            |
|                                               |                | rising                   | cnt29            |
|                                               |                | falling                  | cnt30            |
| chat                                          | seven          | flat                     | cnt32            |
|                                               |                | rising                   | cnt34            |
|                                               |                | falling                  | cnt35            |
| baat                                          | eight          | flat                     | cnt36            |
|                                               |                | rising                   | cnt37            |
|                                               |                | falling                  | cnt38            |
| gau                                           | nine           | flat                     | cnt40            |
|                                               |                | rising                   | cnt41            |
|                                               |                | falling                  | cnt42            |
| sap                                           | ten            | flat                     | cnt56            |
|                                               |                | rising                   | cnt57            |
|                                               |                | falling                  | cnt58            |
| baak                                          | hundred        | flat                     | cnt132           |
|                                               |                | rising                   | cnt133           |
|                                               |                | falling                  | cnt134           |
| chin                                          | thousand       | flat                     | cnt496           |
|                                               |                | rising                   | cnt497           |
|                                               |                | falling                  | cnt498           |
| optional                                      | a              | flat                     | cnt508           |
|                                               |                | rising                   | cnt509           |
|                                               |                | falling                  | cnt510           |
| optional                                      | b              | flat                     | cnt512           |
|                                               |                | rising                   | cnt513           |
|                                               |                | falling                  | cnt514           |

**Cantonese audio (Sheet 3 of 12)**

| <b>Cantonese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-----------------------------------------------|----------------|--------------------------|------------------|
| optional                                      | c              | flat                     | cnt516           |
|                                               |                | rising                   | cnt517           |
|                                               |                | falling                  | cnt518           |
| optional                                      | d              | flat                     | cnt520           |
|                                               |                | rising                   | cnt521           |
|                                               |                | falling                  | cnt522           |
| optional                                      | e              | flat                     | cnt524           |
|                                               |                | rising                   | cnt525           |
|                                               |                | falling                  | cnt526           |
| optional                                      | f              | flat                     | cnt528           |
|                                               |                | rising                   | cnt529           |
|                                               |                | falling                  | cnt530           |
| optional                                      | g              | flat                     | cnt532           |
|                                               |                | rising                   | cnt533           |
|                                               |                | falling                  | cnt534           |
| optional                                      | h              | flat                     | cnt536           |
|                                               |                | rising                   | cnt537           |
|                                               |                | falling                  | cnt538           |
| optional                                      | i              | flat                     | cnt540           |
|                                               |                | rising                   | cnt541           |
|                                               |                | falling                  | cnt542           |
| optional                                      | j              | flat                     | cnt544           |
|                                               |                | rising                   | cnt545           |
|                                               |                | falling                  | cnt546           |
| optional                                      | k              | flat                     | cnt548           |
|                                               |                | rising                   | cnt549           |
|                                               |                | falling                  | cnt550           |

**Cantonese audio (Sheet 4 of 12)**

| <b>Cantonese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-----------------------------------------------|----------------|--------------------------|------------------|
| optional                                      | l              | flat                     | cnt552           |
|                                               |                | rising                   | cnt553           |
|                                               |                | falling                  | cnt554           |
| optional                                      | m              | flat                     | cnt556           |
|                                               |                | rising                   | cnt557           |
|                                               |                | falling                  | cnt558           |
| optional                                      | n              | flat                     | cnt560           |
|                                               |                | rising                   | cnt561           |
|                                               |                | falling                  | cnt562           |
| optional                                      | o              | flat                     | cnt564           |
|                                               |                | rising                   | cnt565           |
|                                               |                | falling                  | cnt566           |
| optional                                      | p              | flat                     | cnt568           |
|                                               |                | rising                   | cnt569           |
|                                               |                | falling                  | cnt570           |
| optional                                      | q              | flat                     | cnt572           |
|                                               |                | rising                   | cnt573           |
|                                               |                | falling                  | cnt574           |
| optional                                      | r              | flat                     | cnt576           |
|                                               |                | rising                   | cnt577           |
|                                               |                | falling                  | cnt578           |
| optional                                      | s              | flat                     | cnt580           |
|                                               |                | rising                   | cnt581           |
|                                               |                | falling                  | cnt582           |
| optional                                      | t              | flat                     | cnt584           |
|                                               |                | rising                   | cnt585           |
|                                               |                | falling                  | cnt586           |

**Cantonese audio (Sheet 5 of 12)**

| <b>Cantonese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-----------------------------------------------|----------------|--------------------------|------------------|
| optional                                      | u              | flat                     | cnt588           |
|                                               |                | rising                   | cnt589           |
|                                               |                | falling                  | cnt590           |
| optional                                      | v              | flat                     | cnt592           |
|                                               |                | rising                   | cnt593           |
|                                               |                | falling                  | cnt594           |
| optional                                      | w              | flat                     | cnt596           |
|                                               |                | rising                   | cnt597           |
|                                               |                | falling                  | cnt598           |
| optional                                      | x              | flat                     | cnt600           |
|                                               |                | rising                   | cnt601           |
|                                               |                | falling                  | cnt602           |
| optional                                      | y              | flat                     | cnt604           |
|                                               |                | rising                   | cnt605           |
|                                               |                | falling                  | cnt606           |
| optional                                      | z              | flat                     | cnt608           |
|                                               |                | rising                   | cnt609           |
|                                               |                | falling                  | cnt610           |
| foo                                           | negative       | flat                     | cnt616           |
|                                               |                | rising                   | cnt617           |
|                                               |                | falling                  | cnt618           |
| ling                                          | and            | flat                     | cnt620           |
|                                               |                | rising                   | cnt621           |
|                                               |                | falling                  | cnt622           |
| siu si                                        | hour           | flat                     | cnt624           |
|                                               |                | rising                   | cnt625           |
|                                               |                | falling                  | cnt626           |

**Cantonese audio (Sheet 6 of 12)**

| <b>Cantonese phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|-----------------------------------------------|-------------------|--------------------------|------------------|
| fan                                           | minute            | flat                     | cnt632           |
|                                               |                   | rising                   | cnt633           |
|                                               |                   | falling                  | cnt634           |
| miu                                           | second            | flat                     | cnt640           |
|                                               |                   | rising                   | cnt641           |
|                                               |                   | falling                  | cnt642           |
| jeng ho                                       | pound sign<br>(#) | flat                     | cnt896           |
|                                               |                   | rising                   | cnt897           |
|                                               |                   | falling                  | cnt898           |
| sing ho                                       | asterisk<br>(*)   | flat                     | cnt900           |
|                                               |                   | rising                   | cnt901           |
|                                               |                   | falling                  | cnt902           |
| seung-ng                                      | a.m.              | flat                     | cnt908           |
|                                               |                   | rising                   | cnt909           |
|                                               |                   | falling                  | cnt910           |
| ha-ng                                         | p.m.              | flat                     | cnt912           |
|                                               |                   | rising                   | cnt913           |
|                                               |                   | falling                  | cnt914           |
| Dollar                                        | dollar<br>(US)    | flat                     | cnt1200          |
|                                               |                   | rising                   | cnt1201          |
|                                               |                   | falling                  | cnt1202          |
| Cent                                          | cent<br>(US)      | flat                     | cnt1208          |
|                                               |                   | rising                   | cnt1209          |
|                                               |                   | falling                  | cnt1210          |
| Mark                                          | mark<br>(Germany) | flat                     | cnt1216          |
|                                               |                   | rising                   | cnt1217          |
|                                               |                   | falling                  | cnt1218          |

**Cantonese audio (Sheet 7 of 12)**

| <b>Cantonese phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|-----------------------------------------------|--------------------------|--------------------------|------------------|
| Pfennig                                       | pfennig<br>(Germany)     | flat                     | cnt1224          |
|                                               |                          | rising                   | cnt1225          |
|                                               |                          | falling                  | cnt1226          |
| Yen                                           | yen<br>(Japan)           | flat                     | cnt1232          |
|                                               |                          | rising                   | cnt1233          |
|                                               |                          | falling                  | cnt1234          |
| Lira                                          | lira<br>(Italy)          | flat                     | cnt1240          |
|                                               |                          | rising                   | cnt1241          |
|                                               |                          | falling                  | cnt1242          |
| Guilder                                       | guilder<br>(Netherlands) | flat                     | cnt1248          |
|                                               |                          | rising                   | cnt1249          |
|                                               |                          | falling                  | cnt1250          |
| Cent                                          | cent<br>(Netherlands)    | flat                     | cnt1256          |
|                                               |                          | rising                   | cnt1257          |
|                                               |                          | falling                  | cnt1258          |
| Pound                                         | pound<br>(UK)            | flat                     | cnt1264          |
|                                               |                          | rising                   | cnt1265          |
|                                               |                          | falling                  | cnt1266          |
| pence                                         | pence<br>(UK)            | flat                     | cnt1276          |
|                                               |                          | rising                   | cnt1277          |
|                                               |                          | falling                  | cnt1278          |
| euro                                          | euro<br>(Euro)           | flat                     | cnt1280          |
|                                               |                          | rising                   | cnt1281          |
|                                               |                          | falling                  | cnt1282          |
| eurocent                                      | eurocent<br>(Euro)       | flat                     | cnt1288          |
|                                               |                          | rising                   | cnt1289          |
|                                               |                          | falling                  | cnt1290          |

**Cantonese audio (Sheet 8 of 12)**

| <b>Cantonese phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|-----------------------------------------------|--------------------------|--------------------------|------------------|
| franc                                         | franc<br>(France)        | flat                     | cnt1296          |
|                                               |                          | rising                   | cnt1297          |
|                                               |                          | falling                  | cnt1298          |
| centime                                       | centime<br>(France)      | flat                     | cnt1304          |
|                                               |                          | rising                   | cnt1305          |
|                                               |                          | falling                  | cnt1306          |
| peseta                                        | peseta<br>(Spain)        | flat                     | cnt1312          |
|                                               |                          | rising                   | cnt1313          |
|                                               |                          | falling                  | cnt1314          |
| peso                                          | peso<br>(Philippines)    | flat                     | cnt1328          |
|                                               |                          | rising                   | cnt1329          |
|                                               |                          | falling                  | cnt1330          |
| centavo                                       | centavo<br>(Philippines) | flat                     | cnt1336          |
|                                               |                          | rising                   | cnt1337          |
|                                               |                          | falling                  | cnt1338          |
| ringgit                                       | ringgit<br>(Malaysia)    | flat                     | cnt1344          |
|                                               |                          | rising                   | cnt1345          |
|                                               |                          | falling                  | cnt1346          |
| sen                                           | sen<br>(Malaysia)        | flat                     | cnt1352          |
|                                               |                          | rising                   | cnt1353          |
|                                               |                          | falling                  | cnt1354          |
| baht                                          | baht<br>(Thailand)       | flat                     | cnt1360          |
|                                               |                          | rising                   | cnt1361          |
|                                               |                          | falling                  | cnt1362          |
| satang                                        | satang<br>(Thailand)     | flat                     | cnt1368          |
|                                               |                          | rising                   | cnt1369          |
|                                               |                          | falling                  | cnt1370          |

**Cantonese audio (Sheet 9 of 12)**

| <b>Cantonese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-----------------------------------------------|----------------|--------------------------|------------------|
| won                                           | won            | flat                     | cnt1376          |
|                                               | (Korea)        | rising                   | cnt1377          |
|                                               |                | falling                  | cnt1378          |
| franc                                         | franc          | flat                     | cnt1384          |
|                                               | (Belgium)      | rising                   | cnt1385          |
|                                               |                | falling                  | cnt1386          |
| centime                                       | centime        | flat                     | cnt1392          |
|                                               | (Belgium)      | rising                   | cnt1393          |
|                                               |                | falling                  | cnt1394          |
| dollar                                        | dollar         | flat                     | cnt1400          |
|                                               | (Canada)       | rising                   | cnt1401          |
|                                               |                | falling                  | cnt1402          |
| cent                                          | cent           | flat                     | cnt1408          |
|                                               | (Canada)       | rising                   | cnt1409          |
|                                               |                | falling                  | cnt1410          |
| dollar                                        | dollar         | flat                     | cnt1416          |
|                                               | (Hong Kong)    | rising                   | cnt1417          |
|                                               |                | falling                  | cnt1418          |
| cent                                          | cent           | flat                     | cnt1424          |
|                                               | (Hong Kong)    | rising                   | cnt1425          |
|                                               |                | falling                  | cnt1426          |
| gok                                           | gok            | flat                     | cnt1488          |
|                                               | (Hong Kong)    | rising                   | cnt1489          |
|                                               |                | falling                  | cnt1490          |
| escudo                                        | escudo         | flat                     | cnt1432          |
|                                               | (Portugal)     | rising                   | cnt1433          |
|                                               |                | falling                  | cnt1434          |

**Cantonese audio (Sheet 10 of 12)**

| <b>Cantonese phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|-----------------------------------------------|-----------------------|--------------------------|------------------|
| centavo                                       | centavo<br>(Portugal) | flat                     | cnt1440          |
|                                               |                       | rising                   | cnt1441          |
|                                               |                       | falling                  | cnt1442          |
| yuan                                          | yuan<br>(China)       | flat                     | cnt1448          |
|                                               |                       | rising                   | cnt1449          |
|                                               |                       | falling                  | cnt1450          |
| jiao                                          | jiao<br>(China)       | flat                     | cnt1456          |
|                                               |                       | rising                   | cnt1457          |
|                                               |                       | falling                  | cnt1458          |
| fen                                           | fen<br>(China)        | flat                     | cnt1464          |
|                                               |                       | rising                   | cnt1465          |
|                                               |                       | falling                  | cnt1466          |
| pound                                         | pound<br>(Ireland)    | flat                     | cnt1472          |
|                                               |                       | rising                   | cnt1473          |
|                                               |                       | falling                  | cnt1474          |
| pence                                         | pence<br>(Ireland)    | flat                     | cnt1484          |
|                                               |                       | rising                   | cnt1485          |
|                                               |                       | falling                  | cnt1486          |
| sing kei                                      | week                  | flat                     | cnt920           |
|                                               |                       | rising                   | cnt921           |
|                                               |                       | falling                  | cnt922           |
| yuet                                          | month                 | flat                     | cnt924           |
|                                               |                       | rising                   | cnt925           |
|                                               |                       | falling                  | cnt926           |
| nian                                          | year                  | flat                     | cnt928           |
|                                               |                       | rising                   | cnt929           |
|                                               |                       | falling                  | cnt930           |

**Cantonese audio (Sheet 11 of 12)**

| <b>Cantonese phrase or English equivalent</b> | <b>English</b>                                 | <b>Phrase intonation</b> | <b>File name</b> |
|-----------------------------------------------|------------------------------------------------|--------------------------|------------------|
| yat                                           | day                                            | flat                     | cnt932           |
|                                               |                                                | rising                   | cnt933           |
|                                               |                                                | falling                  | cnt934           |
| dai                                           | prefix for ordinal                             | flat                     | cnt936           |
|                                               |                                                | rising                   | cnt937           |
|                                               |                                                | falling                  | cnt938           |
| goh                                           | suffix for ordinal                             | flat                     | cnt940           |
|                                               |                                                | rising                   | cnt941           |
|                                               |                                                | falling                  | cnt942           |
| maan                                          | ten-thousand                                   | flat                     | cnt944           |
|                                               |                                                | rising                   | cnt945           |
|                                               |                                                | falling                  | cnt946           |
| yik                                           | hundred-million                                | flat                     | cnt948           |
|                                               |                                                | rising                   | cnt949           |
|                                               |                                                | falling                  | cnt950           |
| dian                                          | hour used in telling time                      | flat                     | cnt952           |
|                                               |                                                | rising                   | cnt953           |
|                                               |                                                | falling                  | cnt954           |
| yat                                           | day (for Sunday)                               | flat                     | cnt956           |
|                                               |                                                | rising                   | cnt957           |
|                                               |                                                | falling                  | cnt958           |
| ling chen                                     | used for telling time from midnight to 5:59 am | flat                     | cnt960           |
|                                               |                                                | rising                   | cnt961           |
|                                               |                                                | falling                  | cnt962           |
| shang wu                                      | used for telling time from 6 am to 11:59 am    | flat                     | cnt964           |
|                                               |                                                | rising                   | cnt965           |
|                                               |                                                | falling                  | cnt966           |

**Cantonese audio (Sheet 12 of 12)**

| <b>Cantonese phrase or English equivalent</b> | <b>English</b>                                 | <b>Phrase intonation</b> | <b>File name</b> |
|-----------------------------------------------|------------------------------------------------|--------------------------|------------------|
| zhong wu                                      | used for telling time from noon to 12:59 pm    | flat                     | cnt968           |
|                                               |                                                | rising                   | cnt969           |
|                                               |                                                | falling                  | cnt970           |
| xia wu                                        | used for telling time from 1 pm to 5:59 pm     | flat                     | cnt972           |
|                                               |                                                | rising                   | cnt973           |
|                                               |                                                | falling                  | cnt974           |
| wan shang                                     | used for telling time from 6 pm to 11:59 pm    | flat                     | cnt976           |
|                                               |                                                | rising                   | cnt977           |
|                                               |                                                | falling                  | cnt978           |
| zheng                                         | word for “o’clock”, used when minutes are zero | flat                     | cnt980           |
|                                               |                                                | rising                   | cnt981           |
|                                               |                                                | falling                  | cnt982           |

## Catalan audio files

**Note 1:** Use audio file names cat508–cat610 for the multilanguage strings functionality. Recording of this audio is optional and the content of the recording can be any word. This audio is only required when the string functionality is used.

**Note 2:** Only record audio file names cat732–cat890 and cat984–cat1725 if you provision ordinal numbers on the system. The ordinal values for numbers less than three are used in applications (date) and are required unless otherwise specified.

**Note 3:** Only record audio filenames cat1400–cat1486 if you provision audio for this currency.

### Catalan audio (Sheet 1 of 44)

| Catalan phrase or English equivalent | English | Phrase intonation | File name |
|--------------------------------------|---------|-------------------|-----------|
| zero                                 | zero    | flat              | cat0      |
|                                      |         | rising            | cat1      |
|                                      |         | falling           | cat2      |
| u                                    | one     | flat              | cat8      |
|                                      |         | rising            | cat9      |
|                                      |         | falling           | cat10     |
| dos                                  | two     | flat              | cat12     |
|                                      |         | rising            | cat13     |
|                                      |         | falling           | cat14     |
| tres                                 | three   | flat              | cat16     |
|                                      |         | rising            | cat17     |
|                                      |         | falling           | cat18     |
| quarte                               | four    | flat              | cat20     |
|                                      |         | rising            | cat21     |
|                                      |         | falling           | cat22     |

**Catalan audio (Sheet 2 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| cinc                                        | five           | flat                     | cat24            |
|                                             |                | rising                   | cat25            |
|                                             |                | falling                  | cat26            |
| sis                                         | six            | flat                     | cat28            |
|                                             |                | rising                   | cat29            |
|                                             |                | falling                  | cat30            |
| set                                         | seven          | flat                     | cat33            |
|                                             |                | rising                   | cat34            |
|                                             |                | falling                  | cat35            |
| vuit                                        | eight          | flat                     | cat36            |
|                                             |                | rising                   | cat37            |
|                                             |                | falling                  | cat38            |
| nou                                         | nine           | flat                     | cat40            |
|                                             |                | rising                   | cat41            |
|                                             |                | falling                  | cat42            |
| deu                                         | ten            | flat                     | cat56            |
|                                             |                | rising                   | cat57            |
|                                             |                | falling                  | cat58            |
| onze                                        | eleven         | flat                     | cat60            |
|                                             |                | rising                   | cat61            |
|                                             |                | falling                  | cat62            |
| dotze                                       | twelve         | flat                     | cat64            |
|                                             |                | rising                   | cat65            |
|                                             |                | falling                  | cat66            |
| tretze                                      | thirteen       | flat                     | cat68            |
|                                             |                | rising                   | cat69            |
|                                             |                | falling                  | cat70            |

**Catalan audio (Sheet 3 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| cotorze                                     | fourteen       | flat                     | cat72            |
|                                             |                | rising                   | cat73            |
|                                             |                | falling                  | cat74            |
| quinze                                      | fifteen        | flat                     | cat76            |
|                                             |                | rising                   | cat77            |
|                                             |                | falling                  | cat78            |
| setze                                       | sixteen        | flat                     | cat80            |
|                                             |                | rising                   | cat81            |
|                                             |                | falling                  | cat82            |
| disset                                      | seventeen      | flat                     | cat84            |
|                                             |                | rising                   | cat85            |
|                                             |                | falling                  | cat86            |
| divuit                                      | eighteen       | flat                     | cat88            |
|                                             |                | rising                   | cat89            |
|                                             |                | falling                  | cat90            |
| dinou                                       | nineteen       | flat                     | cat92            |
|                                             |                | rising                   | cat93            |
|                                             |                | falling                  | cat94            |
| vint                                        | twenty         | flat                     | cat96            |
|                                             |                | rising                   | cat97            |
|                                             |                | falling                  | cat98            |
| trenta                                      | thirty         | flat                     | cat100           |
|                                             |                | rising                   | cat101           |
|                                             |                | falling                  | cat102           |
| quaranta                                    | forty          | flat                     | cat104           |
|                                             |                | rising                   | cat105           |
|                                             |                | falling                  | cat106           |

**Catalan audio (Sheet 4 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| cinquanta                                   | fifty          | flat                     | cat108           |
|                                             |                | rising                   | cat109           |
|                                             |                | falling                  | cat110           |
| seixanta                                    | sixty          | flat                     | cat112           |
|                                             |                | rising                   | cat113           |
|                                             |                | falling                  | cat114           |
| setanta                                     | seventy        | flat                     | cat116           |
|                                             |                | rising                   | cat117           |
|                                             |                | falling                  | cat118           |
| vuitanta                                    | eighty         | flat                     | cat120           |
|                                             |                | rising                   | cat121           |
|                                             |                | falling                  | cat122           |
| noranta                                     | ninety         | flat                     | cat124           |
|                                             |                | rising                   | cat125           |
|                                             |                | falling                  | cat126           |
| cent                                        | one-hundred    | flat                     | cat132           |
|                                             |                | rising                   | cat133           |
|                                             |                | falling                  | cat134           |
| dos-cents                                   | two-hundred    | flat                     | cat136           |
|                                             |                | rising                   | cat137           |
|                                             |                | falling                  | cat138           |
| tres-cents                                  | three-hundred  | flat                     | cat140           |
|                                             |                | rising                   | cat141           |
|                                             |                | falling                  | cat142           |
| quatre-cents                                | four-hundred   | flat                     | cat144           |
|                                             |                | rising                   | cat145           |
|                                             |                | falling                  | cat146           |

**Catalan audio (Sheet 5 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| cinc-cents                                  | five-hundred   | flat                     | cat148           |
|                                             |                | rising                   | cat149           |
|                                             |                | falling                  | cat150           |
| sis-cents                                   | six-hundred    | flat                     | cat152           |
|                                             |                | rising                   | cat153           |
|                                             |                | falling                  | cat154           |
| set-cents                                   | seven-hundred  | flat                     | cat156           |
|                                             |                | rising                   | cat157           |
|                                             |                | falling                  | cat158           |
| vuit-cents                                  | eight-hundred  | flat                     | cat160           |
|                                             |                | rising                   | cat161           |
|                                             |                | falling                  | cat162           |
| nou-cents                                   | nine-hundred   | flat                     | cat164           |
|                                             |                | rising                   | cat165           |
|                                             |                | falling                  | cat166           |
| vintiun                                     | twenty-one     | flat                     | cat208           |
|                                             |                | rising                   | cat209           |
|                                             |                | falling                  | cat210           |
| vintidos                                    | twenty-two     | flat                     | cat212           |
|                                             |                | rising                   | cat213           |
|                                             |                | falling                  | cat214           |
| vintitres                                   | twenty-three   | flat                     | cat216           |
|                                             |                | rising                   | cat217           |
|                                             |                | falling                  | cat218           |
| vintiquatre                                 | twenty-four    | flat                     | cat220           |
|                                             |                | rising                   | cat221           |
|                                             |                | falling                  | cat222           |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| vinticinc                                   | twenty-five    | flat                     | cat224           |
|                                             |                | rising                   | cat225           |
|                                             |                | falling                  | cat226           |
| vintisis                                    | twenty-six     | flat                     | cat228           |
|                                             |                | rising                   | cat229           |
|                                             |                | falling                  | cat230           |
| vintiset                                    | twenty-seven   | flat                     | cat232           |
|                                             |                | rising                   | cat233           |
|                                             |                | falling                  | cat234           |
| vintivuit                                   | twenty-eight   | flat                     | cat236           |
|                                             |                | rising                   | cat237           |
|                                             |                | falling                  | cat238           |
| vintinou                                    | twenty-nine    | flat                     | cat240           |
|                                             |                | rising                   | cat241           |
|                                             |                | falling                  | cat242           |
| mil                                         | one-thousand   | flat                     | cat496           |
|                                             |                | rising                   | cat497           |
|                                             |                | falling                  | cat498           |
| milio                                       | one-million    | flat                     | cat500           |
|                                             |                | rising                   | cat501           |
|                                             |                | falling                  | cat502           |
| bilio                                       | billion        | flat                     | cat504           |
|                                             |                | rising                   | cat505           |
|                                             |                | falling                  | cat506           |
| a                                           | a              | flat                     | cat508           |
|                                             |                | rising                   | cat509           |
|                                             |                | falling                  | cat510           |

**Catalan audio (Sheet 7 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| b                                           | b              | flat                     | cat512           |
|                                             |                | rising                   | cat513           |
|                                             |                | falling                  | cat514           |
| c                                           | c              | flat                     | cat516           |
|                                             |                | rising                   | cat517           |
|                                             |                | falling                  | cat518           |
| d                                           | d              | flat                     | cat520           |
|                                             |                | rising                   | cat521           |
|                                             |                | falling                  | cat522           |
| e                                           | e              | flat                     | cat524           |
|                                             |                | rising                   | cat525           |
|                                             |                | falling                  | cat526           |
| f                                           | f              | flat                     | cat528           |
|                                             |                | rising                   | cat529           |
|                                             |                | falling                  | cat530           |
| g                                           | g              | flat                     | cat532           |
|                                             |                | rising                   | cat533           |
|                                             |                | falling                  | cat534           |
| h                                           | h              | flat                     | cat536           |
|                                             |                | rising                   | cat537           |
|                                             |                | falling                  | cat538           |
| i                                           | i              | flat                     | cat540           |
|                                             |                | rising                   | cat541           |
|                                             |                | falling                  | cat542           |
| j                                           | j              | flat                     | cat544           |
|                                             |                | rising                   | cat545           |
|                                             |                | falling                  | cat546           |

**Catalan audio (Sheet 8 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| k                                           | k              | flat                     | cat548           |
|                                             |                | rising                   | cat549           |
|                                             |                | falling                  | cat550           |
| l                                           | l              | flat                     | cat552           |
|                                             |                | rising                   | cat553           |
|                                             |                | falling                  | cat554           |
| m                                           | m              | flat                     | cat556           |
|                                             |                | rising                   | cat557           |
|                                             |                | falling                  | cat558           |
| n                                           | n              | flat                     | cat560           |
|                                             |                | rising                   | cat561           |
|                                             |                | falling                  | cat562           |
| o                                           | o              | flat                     | cat564           |
|                                             |                | rising                   | cat565           |
|                                             |                | falling                  | cat566           |
| p                                           | p              | flat                     | cat568           |
|                                             |                | rising                   | cat569           |
|                                             |                | falling                  | cat570           |
| q                                           | q              | flat                     | cat572           |
|                                             |                | rising                   | cat573           |
|                                             |                | falling                  | cat574           |
| r                                           | r              | flat                     | cat576           |
|                                             |                | rising                   | cat577           |
|                                             |                | falling                  | cat578           |
| s                                           | s              | flat                     | cat580           |
|                                             |                | rising                   | cat581           |
|                                             |                | falling                  | cat582           |

**Catalan audio (Sheet 9 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| t                                           | t              | flat                     | cat584           |
|                                             |                | rising                   | cat585           |
|                                             |                | falling                  | cat586           |
| u                                           | u              | flat                     | cat588           |
|                                             |                | rising                   | cat589           |
|                                             |                | falling                  | cat590           |
| v                                           | v              | flat                     | cat592           |
|                                             |                | rising                   | cat593           |
|                                             |                | falling                  | cat594           |
| w                                           | w              | flat                     | cat596           |
|                                             |                | rising                   | cat597           |
|                                             |                | falling                  | cat598           |
| x                                           | x              | flat                     | cat600           |
|                                             |                | rising                   | cat601           |
|                                             |                | falling                  | cat602           |
| y                                           | y              | flat                     | cat604           |
|                                             |                | rising                   | cat605           |
|                                             |                | falling                  | cat606           |
| z                                           | z              | flat                     | cat608           |
|                                             |                | rising                   | cat609           |
|                                             |                | falling                  | cat610           |
| negatiu                                     | negative       | flat                     | cat616           |
|                                             |                | rising                   | cat617           |
|                                             |                | falling                  | cat618           |
| i                                           | and            | flat                     | cat620           |
|                                             |                | rising                   | cat621           |
|                                             |                | falling                  | cat622           |

**Catalan audio (Sheet 10 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| hora                                        | hour           | flat                     | cat624           |
|                                             |                | rising                   | cat625           |
|                                             |                | falling                  | cat626           |
| hores                                       | hours          | flat                     | cat628           |
|                                             |                | rising                   | cat629           |
|                                             |                | falling                  | cat630           |
| minut                                       | minute         | flat                     | cat632           |
|                                             |                | rising                   | cat633           |
|                                             |                | falling                  | cat634           |
| minuts                                      | minutes        | flat                     | cat636           |
|                                             |                | rising                   | cat637           |
|                                             |                | falling                  | cat638           |
| segon                                       | second         | flat                     | cat640           |
|                                             |                | rising                   | cat641           |
|                                             |                | falling                  | cat642           |
| segons                                      | seconds        | flat                     | cat644           |
|                                             |                | rising                   | cat645           |
|                                             |                | falling                  | cat646           |
| Gener                                       | January        | flat                     | cat648           |
|                                             |                | rising                   | cat649           |
|                                             |                | falling                  | cat650           |
| Febrer                                      | February       | flat                     | cat652           |
|                                             |                | rising                   | cat653           |
|                                             |                | falling                  | cat654           |
| Marc                                        | March          | flat                     | cat656           |
|                                             |                | rising                   | cat657           |
|                                             |                | falling                  | cat658           |

**Catalan audio (Sheet 11 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| Abril                                       | April          | flat                     | cat660           |
|                                             |                | rising                   | cat661           |
|                                             |                | falling                  | cat662           |
| Maig                                        | May            | flat                     | cat664           |
|                                             |                | rising                   | cat665           |
|                                             |                | falling                  | cat666           |
| Juny                                        | June           | flat                     | cat668           |
|                                             |                | rising                   | cat669           |
|                                             |                | falling                  | cat670           |
| Juliol                                      | July           | flat                     | cat672           |
|                                             |                | rising                   | cat673           |
|                                             |                | falling                  | cat674           |
| Agost                                       | August         | flat                     | cat676           |
|                                             |                | rising                   | cat677           |
|                                             |                | falling                  | cat678           |
| Setembre                                    | September      | flat                     | cat680           |
|                                             |                | rising                   | cat681           |
|                                             |                | falling                  | cat682           |
| Outubre                                     | October        | flat                     | cat684           |
|                                             |                | rising                   | cat685           |
|                                             |                | falling                  | cat686           |
| Novembre                                    | November       | flat                     | cat688           |
|                                             |                | rising                   | cat689           |
|                                             |                | falling                  | cat690           |
| Desembre                                    | December       | flat                     | cat692           |
|                                             |                | rising                   | cat693           |
|                                             |                | falling                  | cat694           |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| Diumenge                                    | Sunday         | flat                     | cat696           |
|                                             |                | rising                   | cat697           |
|                                             |                | falling                  | cat698           |
| Dilluns                                     | Monday         | flat                     | cat700           |
|                                             |                | rising                   | cat701           |
|                                             |                | falling                  | cat702           |
| Dimarts                                     | Tuesday        | flat                     | cat704           |
|                                             |                | rising                   | cat705           |
|                                             |                | falling                  | cat706           |
| Dimecres                                    | Wednesday      | flat                     | cat708           |
|                                             |                | rising                   | cat709           |
|                                             |                | falling                  | cat710           |
| Dijous                                      | Thursday       | flat                     | cat712           |
|                                             |                | rising                   | cat713           |
|                                             |                | falling                  | cat714           |
| Divendres                                   | Friday         | flat                     | cat716           |
|                                             |                | rising                   | cat717           |
|                                             |                | falling                  | cat718           |
| Dissabte                                    | Saturday       | flat                     | cat720           |
|                                             |                | rising                   | cat721           |
|                                             |                | falling                  | cat722           |
| primer                                      | first          | flat                     | cat728           |
|                                             |                | rising                   | cat729           |
|                                             |                | falling                  | cat730           |
| segon                                       | second         | flat                     | cat732           |
|                                             |                | rising                   | cat733           |
|                                             |                | falling                  | cat734           |

**Catalan audio (Sheet 13 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| tercer                                      | third          | flat                     | cat736           |
|                                             |                | rising                   | cat737           |
|                                             |                | falling                  | cat738           |
| quart                                       | fourth         | flat                     | cat740           |
|                                             |                | rising                   | cat741           |
|                                             |                | falling                  | cat742           |
| cinque                                      | fifth          | flat                     | cat744           |
|                                             |                | rising                   | cat745           |
|                                             |                | falling                  | cat746           |
| sisè                                        | sixth          | flat                     | cat748           |
|                                             |                | rising                   | cat749           |
|                                             |                | falling                  | cat750           |
| sete                                        | seventh        | flat                     | cat752           |
|                                             |                | rising                   | cat753           |
|                                             |                | falling                  | cat754           |
| vuitè                                       | eighth         | flat                     | cat756           |
|                                             |                | rising                   | cat757           |
|                                             |                | falling                  | cat758           |
| nove                                        | ninth          | flat                     | cat760           |
|                                             |                | rising                   | cat761           |
|                                             |                | falling                  | cat762           |
| dese                                        | tenth          | flat                     | cat764           |
|                                             |                | rising                   | cat765           |
|                                             |                | falling                  | cat766           |
| onze                                        | eleventh       | flat                     | cat768           |
|                                             |                | rising                   | cat769           |
|                                             |                | falling                  | cat770           |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| dotze                                       | twelfth        | flat                     | cat772           |
|                                             |                | rising                   | cat773           |
|                                             |                | falling                  | cat774           |
| tretze                                      | thirteenth     | flat                     | cat776           |
|                                             |                | rising                   | cat777           |
|                                             |                | falling                  | cat778           |
| catorze                                     | fourteenth     | flat                     | cat780           |
|                                             |                | rising                   | cat781           |
|                                             |                | falling                  | cat782           |
| quinze                                      | fifteenth      | flat                     | cat784           |
|                                             |                | rising                   | cat785           |
|                                             |                | falling                  | cat786           |
| setze                                       | sixteenth      | flat                     | cat788           |
|                                             |                | rising                   | cat789           |
|                                             |                | falling                  | cat790           |
| dissete                                     | seventeenth    | flat                     | cat792           |
|                                             |                | rising                   | cat793           |
|                                             |                | falling                  | cat794           |
| divuite                                     | eighteenth     | flat                     | cat796           |
|                                             |                | rising                   | cat797           |
|                                             |                | falling                  | cat798           |
| dinove                                      | nineteenth     | flat                     | cat800           |
|                                             |                | rising                   | cat801           |
|                                             |                | falling                  | cat802           |
| vinte                                       | twentieth      | flat                     | cat804           |
|                                             |                | rising                   | cat805           |
|                                             |                | falling                  | cat806           |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| trente                                      | thirtieth      | flat                     | cat808           |
|                                             |                | rising                   | cat809           |
|                                             |                | falling                  | cat810           |
| quarante                                    | fortieth       | flat                     | cat812           |
|                                             |                | rising                   | cat813           |
|                                             |                | falling                  | cat814           |
| cinquante                                   | fiftieth       | flat                     | cat816           |
|                                             |                | rising                   | cat817           |
|                                             |                | falling                  | cat818           |
| seixante                                    | sixtieth       | flat                     | cat820           |
|                                             |                | rising                   | cat821           |
|                                             |                | falling                  | cat822           |
| setante                                     | seventieth     | flat                     | cat824           |
|                                             |                | rising                   | cat825           |
|                                             |                | falling                  | cat826           |
| vuitante                                    | eightieth      | flat                     | cat828           |
|                                             |                | rising                   | cat829           |
|                                             |                | falling                  | cat830           |
| norante                                     | ninetieth      | flat                     | cat832           |
|                                             |                | rising                   | cat833           |
|                                             |                | falling                  | cat834           |
| cente                                       | one-hundredth  | flat                     | cat836           |
|                                             |                | rising                   | cat837           |
|                                             |                | falling                  | cat838           |
| dos-cente                                   | two-hundredth  | flat                     | cat840           |
|                                             |                | rising                   | cat841           |
|                                             |                | falling                  | cat842           |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------|--------------------------|------------------|
| tres-cente                                  | three-hundredth | flat                     | cat844           |
|                                             |                 | rising                   | cat845           |
|                                             |                 | falling                  | cat846           |
| quatre-cente                                | four-hundredth  | flat                     | cat848           |
|                                             |                 | rising                   | cat849           |
|                                             |                 | falling                  | cat850           |
| cincente                                    | five-hundredth  | flat                     | cat852           |
|                                             |                 | rising                   | cat853           |
|                                             |                 | falling                  | cat854           |
| sis-cente                                   | six-hundredth   | flat                     | cat856           |
|                                             |                 | rising                   | cat857           |
|                                             |                 | falling                  | cat858           |
| ses-cente                                   | seven-hundredth | flat                     | cat860           |
|                                             |                 | rising                   | cat861           |
|                                             |                 | falling                  | cat862           |
| vuit-cente                                  | eight-hundredth | flat                     | cat864           |
|                                             |                 | rising                   | cat865           |
|                                             |                 | falling                  | cat866           |
| nou-cente                                   | nine-hundredth  | flat                     | cat868           |
|                                             |                 | rising                   | cat869           |
|                                             |                 | falling                  | cat870           |
| mile                                        | thousandth      | flat                     | cat872           |
|                                             |                 | rising                   | cat873           |
|                                             |                 | falling                  | cat874           |
| milionesim                                  | millionth       | flat                     | cat880           |
|                                             |                 | rising                   | cat881           |
|                                             |                 | falling                  | cat882           |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|--------------------|--------------------------|------------------|
| bilionesim                                  | billionth          | flat                     | cat888           |
|                                             |                    | rising                   | cat889           |
|                                             |                    | falling                  | cat890           |
| cuadratet                                   | pound sign<br>(#)  | flat                     | cat896           |
|                                             |                    | rising                   | cat897           |
|                                             |                    | falling                  | cat898           |
| asterisc                                    | asterisk<br>(*)    | flat                     | cat900           |
|                                             |                    | rising                   | cat901           |
|                                             |                    | falling                  | cat902           |
| dollar                                      | dollar<br>(US)     | flat                     | cat1200          |
|                                             |                    | rising                   | cat1201          |
|                                             |                    | falling                  | cat1202          |
| dollars                                     | dollars<br>(US)    | flat                     | cat1204          |
|                                             |                    | rising                   | cat1205          |
|                                             |                    | falling                  | cat1206          |
| cent                                        | cent<br>(US)       | flat                     | cat1208          |
|                                             |                    | rising                   | cat1209          |
|                                             |                    | falling                  | cat1210          |
| cents                                       | cents<br>(US)      | flat                     | cat1212          |
|                                             |                    | rising                   | cat1213          |
|                                             |                    | falling                  | cat1214          |
| mark                                        | mark<br>(Germany)  | flat                     | cat1216          |
|                                             |                    | rising                   | cat1217          |
|                                             |                    | falling                  | cat1218          |
| marks                                       | marks<br>(Germany) | flat                     | cat1220          |
|                                             |                    | rising                   | cat1221          |
|                                             |                    | falling                  | cat1222          |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------------|--------------------------|------------------|
| pfennig                                     | pfennig<br>(Germany)      | flat                     | cat1224          |
|                                             |                           | rising                   | cat1225          |
|                                             |                           | falling                  | cat1226          |
| pfennigs                                    | pfennigs<br>(Germany)     | flat                     | cat1228          |
|                                             |                           | rising                   | cat1229          |
|                                             |                           | falling                  | cat1230          |
| yen                                         | yen<br>(Japan)            | flat                     | cat1232          |
|                                             |                           | rising                   | cat1233          |
|                                             |                           | falling                  | cat1234          |
| yens                                        | yens<br>(Japan)           | flat                     | cat1236          |
|                                             |                           | rising                   | cat1237          |
|                                             |                           | falling                  | cat1238          |
| lira                                        | lira<br>(Italy)           | flat                     | cat1240          |
|                                             |                           | rising                   | cat1241          |
|                                             |                           | falling                  | cat1242          |
| liras                                       | liras<br>(Italy)          | flat                     | cat1244          |
|                                             |                           | rising                   | cat1245          |
|                                             |                           | falling                  | cat1246          |
| guilder                                     | guilder<br>(Netherlands)  | flat                     | cat1248          |
|                                             |                           | rising                   | cat1249          |
|                                             |                           | falling                  | cat1250          |
| guilders                                    | guilders<br>(Netherlands) | flat                     | cat1252          |
|                                             |                           | rising                   | cat1253          |
|                                             |                           | falling                  | cat1254          |
| cent                                        | cent<br>(Netherlands)     | flat                     | cat1256          |
|                                             |                           | rising                   | cat1257          |
|                                             |                           | falling                  | cat1258          |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------------|--------------------------|------------------|
| cents                                       | cents<br>(Netherlands) | flat                     | cat1260          |
|                                             |                        | rising                   | cat1261          |
|                                             |                        | falling                  | cat1262          |
| pound                                       | pound<br>(UK)          | flat                     | cat1264          |
|                                             |                        | rising                   | cat1265          |
|                                             |                        | falling                  | cat1266          |
| pounds                                      | pounds<br>(UK)         | flat                     | cat1268          |
|                                             |                        | rising                   | cat1269          |
|                                             |                        | falling                  | cat1270          |
| penny                                       | penny<br>(UK)          | flat                     | cat1272          |
|                                             |                        | rising                   | cat1273          |
|                                             |                        | falling                  | cat1274          |
| pence                                       | pence<br>(UK)          | flat                     | cat1276          |
|                                             |                        | rising                   | cat1277          |
|                                             |                        | falling                  | cat1278          |
| euro                                        | euro<br>(Europe)       | flat                     | cat1280          |
|                                             |                        | rising                   | cat1281          |
|                                             |                        | falling                  | cat1282          |
| euros                                       | euros<br>(Europe)      | flat                     | cat1284          |
|                                             |                        | rising                   | cat1285          |
|                                             |                        | falling                  | cat1286          |
| eurocent                                    | eurocent<br>(Europe)   | flat                     | cat1288          |
|                                             |                        | rising                   | cat1289          |
|                                             |                        | falling                  | cat1290          |
| eurocents                                   | eurocents<br>(Europe)  | flat                     | cat1292          |
|                                             |                        | rising                   | cat1293          |
|                                             |                        | falling                  | cat1294          |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|--------------------------|--------------------------|------------------|
| franc                                       | franc<br>(France)        | flat                     | cat1296          |
|                                             |                          | rising                   | cat1297          |
|                                             |                          | falling                  | cat1298          |
| francs                                      | francs<br>(France)       | flat                     | cat1300          |
|                                             |                          | rising                   | cat1301          |
|                                             |                          | falling                  | cat1302          |
| centime                                     | centime<br>(France)      | flat                     | cat1304          |
|                                             |                          | rising                   | cat1305          |
|                                             |                          | falling                  | cat1306          |
| centimes                                    | centimes<br>(France)     | flat                     | cat1308          |
|                                             |                          | rising                   | cat1309          |
|                                             |                          | falling                  | cat1310          |
| peseta                                      | peseta<br>(Spain)        | flat                     | cat1312          |
|                                             |                          | rising                   | cat1313          |
|                                             |                          | falling                  | cat1314          |
| pesetas                                     | pesetas<br>(Spain)       | flat                     | cat1316          |
|                                             |                          | rising                   | cat1317          |
|                                             |                          | falling                  | cat1318          |
| peso                                        | peso<br>(Philippines)    | flat                     | cat1328          |
|                                             |                          | rising                   | cat1329          |
|                                             |                          | falling                  | cat1330          |
| pesos                                       | pesos<br>(Philippines)   | flat                     | cat1332          |
|                                             |                          | rising                   | cat1333          |
|                                             |                          | falling                  | cat1334          |
| centavo                                     | centavo<br>(Philippines) | flat                     | cat1336          |
|                                             |                          | rising                   | cat1337          |
|                                             |                          | falling                  | cat1338          |

**Catalan audio (Sheet 21 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------------|--------------------------|------------------|
| centavos                                    | centavos<br>(Philippines) | flat                     | cat1340          |
|                                             |                           | rising                   | cat1341          |
|                                             |                           | falling                  | cat1342          |
| ringgit                                     | ringgit<br>(Malaysia)     | flat                     | cat1344          |
|                                             |                           | rising                   | cat1345          |
|                                             |                           | falling                  | cat1346          |
| ringgits                                    | ringgits<br>(Malaysia)    | flat                     | cat1348          |
|                                             |                           | rising                   | cat1349          |
|                                             |                           | falling                  | cat1350          |
| sen                                         | sen<br>(Malaysia)         | flat                     | cat1352          |
|                                             |                           | rising                   | cat1353          |
|                                             |                           | falling                  | cat1354          |
| sens                                        | sens<br>(Malaysia)        | flat                     | cat1356          |
|                                             |                           | rising                   | cat1357          |
|                                             |                           | falling                  | cat1358          |
| baht                                        | baht<br>(Thailand)        | flat                     | cat1360          |
|                                             |                           | rising                   | cat1361          |
|                                             |                           | falling                  | cat1362          |
| bahts                                       | bahts<br>(Thailand)       | flat                     | cat1364          |
|                                             |                           | rising                   | cat1365          |
|                                             |                           | falling                  | cat1366          |
| satang                                      | satang<br>(Thailand)      | flat                     | cat1368          |
|                                             |                           | rising                   | cat1369          |
|                                             |                           | falling                  | cat1370          |
| satangs                                     | satangs<br>(Thailand)     | flat                     | cat1372          |
|                                             |                           | rising                   | cat1373          |
|                                             |                           | falling                  | cat1374          |

**Catalan audio (Sheet 22 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| won                                         | won            | flat                     | cat1376          |
|                                             | (Korea)        | rising                   | cat1377          |
|                                             |                | falling                  | cat1378          |
| wons                                        | wons           | flat                     | cat1380          |
|                                             | (Korea)        | rising                   | cat1381          |
|                                             |                | falling                  | cat1382          |
| franc                                       | franc          | flat                     | cat1384          |
|                                             | (Belgium)      | rising                   | cat1385          |
|                                             |                | falling                  | cat1386          |
| francs                                      | francs         | flat                     | cat 1388         |
|                                             | (Belgium)      | rising                   | cat1389          |
|                                             |                | falling                  | cat1390          |
| centime                                     | centime        | flat                     | cat1392          |
|                                             | (Belgium)      | rising                   | cat1393          |
|                                             |                | falling                  | cat1394          |
| centimes                                    | centimes       | flat                     | cat1396          |
|                                             | (Belgium)      | rising                   | cat1397          |
|                                             |                | falling                  | cat1398          |
| dollar                                      | dollar         | flat                     | cat1400          |
|                                             | (Canada)       | rising                   | cat1401          |
|                                             |                | falling                  | cat1402          |
| dollars                                     | dollars        | flat                     | cat1404          |
|                                             | (Canada)       | rising                   | cat1405          |
|                                             |                | falling                  | cat1406          |
| cent                                        | cent           | flat                     | cat1408          |
|                                             | (Canada)       | rising                   | cat1409          |
|                                             |                | falling                  | cat1410          |

**Catalan audio (Sheet 23 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------------|--------------------------|------------------|
| cents                                       | cents<br>(Canada)      | flat                     | cat1412          |
|                                             |                        | rising                   | cat1413          |
|                                             |                        | falling                  | cat1414          |
| dollar                                      | dollar<br>(Hong Kong)  | flat                     | cat1416          |
|                                             |                        | rising                   | cat1417          |
|                                             |                        | falling                  | cat1418          |
| dollars                                     | dollars<br>(Hong Kong) | flat                     | cat1420          |
|                                             |                        | rising                   | cat1421          |
|                                             |                        | falling                  | cat1422          |
| cent                                        | cent<br>(Hong Kong)    | flat                     | cat1424          |
|                                             |                        | rising                   | cat1425          |
|                                             |                        | falling                  | cat1426          |
| cents                                       | cents<br>(Hong Kong)   | flat                     | cat1428          |
|                                             |                        | rising                   | cat1429          |
|                                             |                        | falling                  | cat1430          |
| gok                                         | gok<br>(Hong Kong)     | flat                     | cat1488          |
|                                             |                        | rising                   | cat1489          |
|                                             |                        | falling                  | cat1490          |
| goks                                        | goks<br>(Hong Kong)    | flat                     | cat1492          |
|                                             |                        | rising                   | cat1493          |
|                                             |                        | falling                  | cat1494          |
| escudo                                      | escudo<br>(Portugal)   | flat                     | cat1432          |
|                                             |                        | rising                   | cat1433          |
|                                             |                        | falling                  | cat1434          |
| escudos                                     | escudos<br>(Portugal)  | flat                     | cat1436          |
|                                             |                        | rising                   | cat1437          |
|                                             |                        | falling                  | cat1438          |

**Catalan audio (Sheet 24 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------------|--------------------------|------------------|
| centavo                                     | centavo<br>(Portugal)  | flat                     | cat1440          |
|                                             |                        | rising                   | cat1441          |
|                                             |                        | falling                  | cat1442          |
| centavos                                    | centavos<br>(Portugal) | flat                     | cat1444          |
|                                             |                        | rising                   | cat1445          |
|                                             |                        | falling                  | cat1446          |
| yuan                                        | yuan<br>(China)        | flat                     | cat1448          |
|                                             |                        | rising                   | cat1449          |
|                                             |                        | falling                  | cat1450          |
| yuans                                       | yuans<br>(China)       | flat                     | cat1452          |
|                                             |                        | rising                   | cat1453          |
|                                             |                        | falling                  | cat1454          |
| jiao                                        | jiao<br>(China)        | flat                     | cat1456          |
|                                             |                        | rising                   | cat1457          |
|                                             |                        | falling                  | cat1458          |
| jiaos                                       | jiaos<br>(China)       | flat                     | cat1460          |
|                                             |                        | rising                   | cat1461          |
|                                             |                        | falling                  | cat1462          |
| fen                                         | fen<br>(China)         | flat                     | cat1464          |
|                                             |                        | rising                   | cat1465          |
|                                             |                        | falling                  | cat1466          |
| fens                                        | fens<br>(China)        | flat                     | cat1468          |
|                                             |                        | rising                   | cat1469          |
|                                             |                        | falling                  | cat1470          |
| pound                                       | pound<br>(Ireland)     | flat                     | cat1472          |
|                                             |                        | rising                   | cat1473          |
|                                             |                        | falling                  | cat1474          |

**Catalan audio (Sheet 25 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------|--------------------------|------------------|
| pounds                                      | pounds<br>(Ireland) | flat                     | cat1476          |
|                                             |                     | rising                   | cat1477          |
|                                             |                     | falling                  | cat1478          |
| penny                                       | penny<br>(Ireland)  | flat                     | cat1480          |
|                                             |                     | rising                   | cat1481          |
|                                             |                     | falling                  | cat1482          |
| pence                                       | pence<br>(Ireland)  | flat                     | cat1484          |
|                                             |                     | rising                   | cat1485          |
|                                             |                     | falling                  | cat1486          |
| un                                          | one<br>(masc)       | flat                     | cat920           |
|                                             |                     | rising                   | cat921           |
|                                             |                     | falling                  | cat922           |
| una                                         | one<br>(fem)        | flat                     | cat924           |
|                                             |                     | rising                   | cat925           |
|                                             |                     | falling                  | cat926           |
| dues                                        | two<br>(fem)        | flat                     | cat928           |
|                                             |                     | rising                   | cat929           |
|                                             |                     | falling                  | cat930           |
| vintiuna                                    | twenty-one<br>(fem) | flat                     | cat932           |
|                                             |                     | rising                   | cat933           |
|                                             |                     | falling                  | cat934           |
| vintidues                                   | twenty-two<br>(fem) | flat                     | cat936           |
|                                             |                     | rising                   | cat937           |
|                                             |                     | falling                  | cat938           |
| dues-centes                                 | 200<br>(fem)        | flat                     | cat940           |
|                                             |                     | rising                   | cat941           |
|                                             |                     | falling                  | cat942           |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| tres-centes                                 | 300<br>(fem)   | flat                     | cat944           |
|                                             |                | rising                   | cat945           |
|                                             |                | falling                  | cat946           |
| quatre-centes                               | 400<br>(fem)   | flat                     | cat948           |
|                                             |                | rising                   | cat949           |
|                                             |                | falling                  | cat950           |
| cinc-centes                                 | 500<br>(fem)   | flat                     | cat952           |
|                                             |                | rising                   | cat953           |
|                                             |                | falling                  | cat954           |
| sis-centes                                  | 600<br>(fem)   | flat                     | cat956           |
|                                             |                | rising                   | cat957           |
|                                             |                | falling                  | cat958           |
| set-centes                                  | 700<br>(fem)   | flat                     | cat960           |
|                                             |                | rising                   | cat961           |
|                                             |                | falling                  | cat962           |
| vuit-centes                                 | 800<br>(fem)   | flat                     | cat964           |
|                                             |                | rising                   | cat965           |
|                                             |                | falling                  | cat966           |
| nou-centes                                  | 900<br>(fem)   | flat                     | cat968           |
|                                             |                | rising                   | cat969           |
|                                             |                | falling                  | cat970           |
| milions                                     | millions       | flat                     | cat972           |
|                                             |                | rising                   | cat973           |
|                                             |                | falling                  | cat974           |
| bilions                                     | billions       | flat                     | cat976           |
|                                             |                | rising                   | cat977           |
|                                             |                | falling                  | cat978           |

**Catalan audio (Sheet 27 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b>   | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------|--------------------------|------------------|
| de                                          | of               | flat                     | cat980           |
|                                             |                  | rising                   | cat981           |
|                                             |                  | falling                  | cat982           |
| primera                                     | first<br>(fem)   | flat                     | cat984           |
|                                             |                  | rising                   | cat985           |
|                                             |                  | falling                  | cat986           |
| segona                                      | second<br>(fem)  | flat                     | cat988           |
|                                             |                  | rising                   | cat989           |
|                                             |                  | falling                  | cat990           |
| tercera                                     | third<br>(fem)   | flat                     | cat992           |
|                                             |                  | rising                   | cat993           |
|                                             |                  | falling                  | cat994           |
| cuarta                                      | fourth<br>(fem)  | flat                     | cat996           |
|                                             |                  | rising                   | cat997           |
|                                             |                  | falling                  | cat998           |
| cinquena                                    | fifth<br>(fem)   | flat                     | cat1000          |
|                                             |                  | rising                   | cat1001          |
|                                             |                  | falling                  | cat1002          |
| sisena                                      | sixth<br>(fem)   | flat                     | cat1004          |
|                                             |                  | rising                   | cat1005          |
|                                             |                  | falling                  | cat1006          |
| setena                                      | seventh<br>(fem) | flat                     | cat1008          |
|                                             |                  | rising                   | cat1009          |
|                                             |                  | falling                  | cat1010          |
| vuitena                                     | eighth<br>(fem)  | flat                     | cat1012          |
|                                             |                  | rising                   | cat1013          |
|                                             |                  | falling                  | cat1014          |

**Catalan audio (Sheet 28 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| novena                                      | ninth          | flat                     | cat1016          |
|                                             | (fem)          | rising                   | cat1017          |
|                                             |                | falling                  | cat1018          |
| desena                                      | tenth          | flat                     | cat1020          |
|                                             | (fem)          | rising                   | cat1021          |
|                                             |                | falling                  | cat1022          |
| onzena                                      | eleventh       | flat                     | cat1024          |
|                                             | (fem)          | rising                   | cat1025          |
|                                             |                | falling                  | cat1026          |
| dotzena                                     | twelfth        | flat                     | cat1028          |
|                                             | (fem)          | rising                   | cat1029          |
|                                             |                | falling                  | cat1030          |
| tretzena                                    | thirteenth     | flat                     | cat1032          |
|                                             | (fem)          | rising                   | cat1033          |
|                                             |                | falling                  | cat1034          |
| catorzena                                   | fourteenth     | flat                     | cat1036          |
|                                             | (fem)          | rising                   | cat1037          |
|                                             |                | falling                  | cat1038          |
| quinzena                                    | fifteenth      | flat                     | cat1040          |
|                                             | (fem)          | rising                   | cat1041          |
|                                             |                | falling                  | cat1042          |
| setzena                                     | sixteenth      | flat                     | cat1044          |
|                                             | (fem)          | rising                   | cat1045          |
|                                             |                | falling                  | cat1046          |
| dissetena                                   | seventeenth    | flat                     | cat1048          |
|                                             | (fem)          | rising                   | cat1049          |
|                                             |                | falling                  | cat1050          |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------|--------------------------|------------------|
| divuitena                                   | eighteenth<br>(fem) | flat                     | cat1052          |
|                                             |                     | rising                   | cat1053          |
|                                             |                     | falling                  | cat1054          |
| dinovena                                    | nineteenth<br>(fem) | flat                     | cat1056          |
|                                             |                     | rising                   | cat1057          |
|                                             |                     | falling                  | cat1058          |
| vintena                                     | twentieth<br>(fem)  | flat                     | cat1060          |
|                                             |                     | rising                   | cat1061          |
|                                             |                     | falling                  | cat1062          |
| trentena                                    | thirtieth<br>(fem)  | flat                     | cat1064          |
|                                             |                     | rising                   | cat1065          |
|                                             |                     | falling                  | cat1066          |
| quarantena                                  | fortieth<br>(fem)   | flat                     | cat1068          |
|                                             |                     | rising                   | cat1069          |
|                                             |                     | falling                  | cat1070          |
| cinquantena                                 | fiftieth<br>(fem)   | flat                     | cat1072          |
|                                             |                     | rising                   | cat1073          |
|                                             |                     | falling                  | cat1074          |
| seixantena                                  | sixtieth<br>(fem)   | flat                     | cat1076          |
|                                             |                     | rising                   | cat1077          |
|                                             |                     | falling                  | cat1078          |
| setantena                                   | seventieth<br>(fem) | flat                     | cat1080          |
|                                             |                     | rising                   | cat1081          |
|                                             |                     | falling                  | cat1082          |
| vuitantena                                  | eightieth<br>(fem)  | flat                     | cat1084          |
|                                             |                     | rising                   | cat1085          |
|                                             |                     | falling                  | cat1086          |

**Catalan audio (Sheet 30 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|--------------------------|--------------------------|------------------|
| norantena                                   | ninetieth<br>(fem)       | flat                     | cat1088          |
|                                             |                          | rising                   | cat1089          |
|                                             |                          | falling                  | cat1090          |
| centena                                     | one-hundredth<br>(fem)   | flat                     | cat1092          |
|                                             |                          | rising                   | cat1093          |
|                                             |                          | falling                  | cat1094          |
| dos-centena                                 | two-hundredth<br>(fem)   | flat                     | cat1096          |
|                                             |                          | rising                   | cat1097          |
|                                             |                          | falling                  | cat1098          |
| tres-centena                                | three-hundredth<br>(fem) | flat                     | cat1100          |
|                                             |                          | rising                   | cat1101          |
|                                             |                          | falling                  | cat1102          |
| quatre-centena                              | four-hundredth<br>(fem)  | flat                     | cat1104          |
|                                             |                          | rising                   | cat1105          |
|                                             |                          | falling                  | cat1106          |
| cinquantena                                 | five-hundredth<br>(fem)  | flat                     | cat1108          |
|                                             |                          | rising                   | cat1109          |
|                                             |                          | falling                  | cat1110          |
| sis-centena                                 | six-hundredth<br>(fem)   | flat                     | cat1112          |
|                                             |                          | rising                   | cat1113          |
|                                             |                          | falling                  | cat1114          |
| set-centena                                 | seven-hundredth<br>(fem) | flat                     | cat1116          |
|                                             |                          | rising                   | cat1117          |
|                                             |                          | falling                  | cat1118          |
| vuit-centena                                | eight-hundredth<br>(fem) | flat                     | cat1120          |
|                                             |                          | rising                   | cat1121          |
|                                             |                          | falling                  | cat1122          |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b>          | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-------------------------|--------------------------|------------------|
| nou-centena                                 | nine-hundredth<br>(fem) | flat                     | cat1124          |
|                                             |                         | rising                   | cat1125          |
|                                             |                         | falling                  | cat1126          |
| milena                                      | thousandth<br>(fem)     | flat                     | cat1128          |
|                                             |                         | rising                   | cat1129          |
|                                             |                         | falling                  | cat1130          |
| milionesima                                 | millionth<br>(fem)      | flat                     | cat1132          |
|                                             |                         | rising                   | cat1133          |
|                                             |                         | falling                  | cat1134          |
| bilionesima                                 | billionth<br>(fem)      | flat                     | cat1136          |
|                                             |                         | rising                   | cat1137          |
|                                             |                         | falling                  | cat1138          |
| vintiune                                    | twenty-first            | flat                     | cat1140          |
|                                             |                         | rising                   | cat1141          |
|                                             |                         | falling                  | cat1142          |
| vintidose                                   | twenty-second           | flat                     | cat1144          |
|                                             |                         | rising                   | cat1145          |
|                                             |                         | falling                  | cat1146          |
| vintitrese                                  | twenty-third            | flat                     | cat1148          |
|                                             |                         | rising                   | cat1149          |
|                                             |                         | falling                  | cat1150          |
| vintiquatre                                 | twenty-fourth           | flat                     | cat1152          |
|                                             |                         | rising                   | cat1153          |
|                                             |                         | falling                  | cat1154          |
| vinticinque                                 | twenty-fifth            | flat                     | cat1156          |
|                                             |                         | rising                   | cat1157          |
|                                             |                         | falling                  | cat1158          |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------------|--------------------------|------------------|
| vintisise                                   | twenty-sixth           | flat                     | cat1160          |
|                                             |                        | rising                   | cat1161          |
|                                             |                        | falling                  | cat1162          |
| vintisete                                   | twenty-seventh         | flat                     | cat1164          |
|                                             |                        | rising                   | cat1165          |
|                                             |                        | falling                  | cat1166          |
| vintivuite                                  | twenty-eighth          | flat                     | cat1168          |
|                                             |                        | rising                   | cat1169          |
|                                             |                        | falling                  | cat1170          |
| vintinove                                   | twenty-ninth           | flat                     | cat1172          |
|                                             |                        | rising                   | cat1173          |
|                                             |                        | falling                  | cat1174          |
| vintiunena                                  | twenty-first<br>(fem)  | flat                     | cat1500          |
|                                             |                        | rising                   | cat1501          |
|                                             |                        | falling                  | cat1502          |
| ventidosena                                 | twenty-second<br>(fem) | flat                     | cat1504          |
|                                             |                        | rising                   | cat1505          |
|                                             |                        | falling                  | cat1506          |
| vintitresena                                | twenty-third<br>(fem)  | flat                     | cat1508          |
|                                             |                        | rising                   | cat1509          |
|                                             |                        | falling                  | cat1510          |
| vintiquatrena                               | twenty-fourth<br>(fem) | flat                     | cat1512          |
|                                             |                        | rising                   | cat1513          |
|                                             |                        | falling                  | cat1514          |
| vinticinquena                               | twenty-fifth<br>(fem)  | flat                     | cat1516          |
|                                             |                        | rising                   | cat1517          |
|                                             |                        | falling                  | cat1518          |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| vintisisena                                 | twenty-sixth   | flat                     | cat1520          |
|                                             | (fem)          | rising                   | cat1521          |
|                                             |                | falling                  | cat1522          |
| vintisetena                                 | twenty-seventh | flat                     | cat1524          |
|                                             | (fem)          | rising                   | cat1525          |
|                                             |                | falling                  | cat1526          |
| vintivuitena                                | twenty-eighth  | flat                     | cat1528          |
|                                             | (fem)          | rising                   | cat1529          |
|                                             |                | falling                  | cat1530          |
| vintinovena                                 | twenty-ninth   | flat                     | cat1532          |
|                                             | (fem)          | rising                   | cat1533          |
|                                             |                | falling                  | cat1534          |
| primers                                     | first          | flat                     | cat1536          |
|                                             | (plural, masc) | rising                   | cat1537          |
|                                             |                | falling                  | cat1538          |
| segons                                      | second         | flat                     | cat1540          |
|                                             | (plural, masc) | rising                   | cat1541          |
|                                             |                | falling                  | cat1542          |
| tercers                                     | third          | flat                     | cat1544          |
|                                             | (plural, masc) | rising                   | cat1545          |
|                                             |                | falling                  | cat1546          |
| quarts                                      | fourth         | flat                     | cat1548          |
|                                             | (plural, masc) | rising                   | cat1549          |
|                                             |                | falling                  | cat1550          |
| cinques                                     | fifth          | flat                     | cat1552          |
|                                             | (plural, masc) | rising                   | cat1553          |
|                                             |                | falling                  | cat1554          |

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| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| sises                                       | sixth          | flat                     | cat1556          |
|                                             | (plural, masc) | rising                   | cat1557          |
|                                             |                | falling                  | cat1558          |
| setes                                       | seventh        | flat                     | cat1560          |
|                                             | (plural, masc) | rising                   | cat1561          |
|                                             |                | falling                  | cat1562          |
| vuites                                      | eighth         | flat                     | cat1564          |
|                                             | (plural, masc) | rising                   | cat1565          |
|                                             |                | falling                  | cat1566          |
| noves                                       | ninth          | flat                     | cat1568          |
|                                             | (plural, masc) | rising                   | cat1569          |
|                                             |                | falling                  | cat1570          |
| deses                                       | tenth          | flat                     | cat1572          |
|                                             | (plural, masc) | rising                   | cat1573          |
|                                             |                | falling                  | cat1574          |
| onzes                                       | eleventh       | flat                     | cat1576          |
|                                             | (plural, masc) | rising                   | cat1577          |
|                                             |                | falling                  | cat1578          |
| dotzes                                      | twelfth        | flat                     | cat1580          |
|                                             | (plural, masc) | rising                   | cat1581          |
|                                             |                | falling                  | cat1582          |
| tretzes                                     | thirteenth     | flat                     | cat1584          |
|                                             | (plural, masc) | rising                   | cat1585          |
|                                             |                | falling                  | cat1586          |
| catorzes                                    | fourteenth     | flat                     | cat1588          |
|                                             | (plural, masc) | rising                   | cat1589          |
|                                             |                | falling                  | cat1590          |

**Catalan audio (Sheet 35 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| quinzes                                     | fifteenth      | flat                     | cat1592          |
|                                             | (plural, masc) | rising                   | cat1593          |
|                                             |                | falling                  | cat1594          |
| setzes                                      | sixteenth      | flat                     | cat1596          |
|                                             | (plural, masc) | rising                   | cat1597          |
|                                             |                | falling                  | cat1598          |
| dissetes                                    | seventeenth    | flat                     | cat1600          |
|                                             | (plural, masc) | rising                   | cat1601          |
|                                             |                | falling                  | cat1602          |
| divuites                                    | eighteenth     | flat                     | cat1604          |
|                                             | (plural, masc) | rising                   | cat1605          |
|                                             |                | falling                  | cat1606          |
| dinoves                                     | nineteenth     | flat                     | cat1608          |
|                                             | (plural, masc) | rising                   | cat1609          |
|                                             |                | falling                  | cat1610          |
| vintes                                      | twentieth      | flat                     | cat1612          |
|                                             | (plural, masc) | rising                   | cat1613          |
|                                             |                | falling                  | cat1614          |
| trentes                                     | thirtieth      | flat                     | cat1616          |
|                                             | (plural, masc) | rising                   | cat1617          |
|                                             |                | falling                  | cat1618          |
| quarantes                                   | fortieth       | flat                     | cat1620          |
|                                             | (plural, masc) | rising                   | cat1621          |
|                                             |                | falling                  | cat1622          |
| cinquantas                                  | fiftieth       | flat                     | cat1624          |
|                                             | (plural, masc) | rising                   | cat1625          |
|                                             |                | falling                  | cat1626          |

**Catalan audio (Sheet 36 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b>                    | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------------------------|--------------------------|------------------|
| seixantes                                   | sixtieth<br>(plural, masc)        | flat                     | cat1628          |
|                                             |                                   | rising                   | cat1629          |
|                                             |                                   | falling                  | cat1630          |
| setantes                                    | seventieth<br>(plural, masc)      | flat                     | cat1632          |
|                                             |                                   | rising                   | cat1633          |
|                                             |                                   | falling                  | cat1634          |
| vuitantes                                   | eightieth<br>(plural, masc)       | flat                     | cat1636          |
|                                             |                                   | rising                   | cat1637          |
|                                             |                                   | falling                  | cat1638          |
| norantes                                    | ninetieth<br>(plural, masc)       | flat                     | cat1640          |
|                                             |                                   | rising                   | cat1641          |
|                                             |                                   | falling                  | cat1642          |
| centes                                      | one-hundredth<br>(plural, masc)   | flat                     | cat1644          |
|                                             |                                   | rising                   | cat1645          |
|                                             |                                   | falling                  | cat1646          |
| dos-centes                                  | two-hundredth<br>(plural, masc)   | flat                     | cat1648          |
|                                             |                                   | rising                   | cat1649          |
|                                             |                                   | falling                  | cat1650          |
| tres-centes                                 | three-hundredth<br>(plural, masc) | flat                     | cat1652          |
|                                             |                                   | rising                   | cat1653          |
|                                             |                                   | falling                  | cat1654          |
| quatre-centes                               | four-hundredth<br>(plural, masc)  | flat                     | cat1656          |
|                                             |                                   | rising                   | cat1657          |
|                                             |                                   | falling                  | cat1658          |
| cincentes                                   | five-hundredth<br>(plural, masc)  | flat                     | cat1660          |
|                                             |                                   | rising                   | cat1661          |
|                                             |                                   | falling                  | cat1662          |

**Catalan audio (Sheet 37 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b>                    | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------------------------|--------------------------|------------------|
| sis-centes                                  | six-hundredth<br>(plural, masc)   | flat                     | cat1664          |
|                                             |                                   | rising                   | cat1665          |
|                                             |                                   | falling                  | cat1666          |
| ses-centes                                  | seven-hundredth<br>(plural, masc) | flat                     | cat1668          |
|                                             |                                   | rising                   | cat1669          |
|                                             |                                   | falling                  | cat1670          |
| vuit-centes                                 | eight-hundredth<br>(plural, masc) | flat                     | cat1672          |
|                                             |                                   | rising                   | cat1673          |
|                                             |                                   | falling                  | cat1674          |
| nou-centes                                  | nine-hundredth<br>(plural, masc)  | flat                     | cat1676          |
|                                             |                                   | rising                   | cat1677          |
|                                             |                                   | falling                  | cat1678          |
| miles                                       | thousandth<br>(plural, masc)      | flat                     | cat1680          |
|                                             |                                   | rising                   | cat1681          |
|                                             |                                   | falling                  | cat1682          |
| milionesims                                 | millionth<br>(plural, masc)       | flat                     | cat1684          |
|                                             |                                   | rising                   | cat1685          |
|                                             |                                   | falling                  | cat1686          |
| bilionesims                                 | billionth<br>(plural, masc)       | flat                     | cat1688          |
|                                             |                                   | rising                   | cat1689          |
|                                             |                                   | falling                  | cat1690          |
| vintiunes                                   | twenty-first<br>(plural, masc)    | flat                     | cat1692          |
|                                             |                                   | rising                   | cat1693          |
|                                             |                                   | falling                  | cat1694          |
| vintidoses                                  | twenty-second<br>(plural, masc)   | flat                     | cat1696          |
|                                             |                                   | rising                   | cat1697          |
|                                             |                                   | falling                  | cat1698          |

**Catalan audio (Sheet 38 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b>                   | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------------------------|--------------------------|------------------|
| vintitreses                                 | twenty-third<br>(plural, masc)   | flat                     | cat1700          |
|                                             |                                  | rising                   | cat1701          |
|                                             |                                  | falling                  | cat1702          |
| vintiquatres                                | twenty-fourth<br>(plural, masc)  | flat                     | cat1704          |
|                                             |                                  | rising                   | cat1705          |
|                                             |                                  | falling                  | cat1706          |
| vinticinques                                | twenty-fifth<br>(plural, masc)   | flat                     | cat1708          |
|                                             |                                  | rising                   | cat1709          |
|                                             |                                  | falling                  | cat1710          |
| vintisises                                  | twenty-sixth<br>(plural, masc)   | flat                     | cat1712          |
|                                             |                                  | rising                   | cat1713          |
|                                             |                                  | falling                  | cat1714          |
| vintisetes                                  | twenty-seventh<br>(plural, masc) | flat                     | cat1716          |
|                                             |                                  | rising                   | cat1717          |
|                                             |                                  | falling                  | cat1718          |
| vintivuites                                 | twenty-eighth<br>(plural, masc)  | flat                     | cat1720          |
|                                             |                                  | rising                   | cat1721          |
|                                             |                                  | falling                  | cat1722          |
| vintinoves                                  | twenty-ninth<br>(plural, masc)   | flat                     | cat1724          |
|                                             |                                  | rising                   | cat1725          |
|                                             |                                  | falling                  | cat1725          |
| primeres                                    | first<br>(fem, plural)           | flat                     | cat1728          |
|                                             |                                  | rising                   | cat1729          |
|                                             |                                  | falling                  | cat1730          |
| segones                                     | second<br>(fem, plural)          | flat                     | cat1732          |
|                                             |                                  | rising                   | cat1733          |
|                                             |                                  | falling                  | cat1734          |

**Catalan audio (Sheet 39 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| terceres                                    | third          | flat                     | cat1736          |
|                                             | (fem, plural)  | rising                   | cat1737          |
|                                             |                | falling                  | cat1738          |
| cuartes                                     | fourth         | flat                     | cat 1740         |
|                                             | (fem, plural)  | rising                   | cat1741          |
|                                             |                | falling                  | cat1742          |
| cinquenes                                   | fifth          | flat                     | cat1744          |
|                                             | (fem, plural)  | rising                   | cat1745          |
|                                             |                | falling                  | cat1746          |
| sisenes                                     | sixth          | flat                     | cat1748          |
|                                             | (fem, plural)  | rising                   | cat1749          |
|                                             |                | falling                  | cat1750          |
| setenes                                     | seventh        | flat                     | cat1752          |
|                                             | (fem, plural)  | rising                   | cat1753          |
|                                             |                | falling                  | cat1754          |
| vuitenes                                    | eighth         | flat                     | cat1756          |
|                                             | (fem, plural)  | rising                   | cat1757          |
|                                             |                | falling                  | cat1758          |
| novenes                                     | ninth          | flat                     | cat1760          |
|                                             | (fem, plural)  | rising                   | cat1761          |
|                                             |                | falling                  | cat1762          |
| desenes                                     | tenth          | flat                     | cat1764          |
|                                             | (fem, plural)  | rising                   | cat1765          |
|                                             |                | falling                  | cat1766          |
| onzenes                                     | eleventh       | flat                     | cat1768          |
|                                             | (fem, plural)  | rising                   | cat1769          |
|                                             |                | falling                  | cat1770          |

**Catalan audio (Sheet 40 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b>               | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------------------|--------------------------|------------------|
| dotzenes                                    | twelfth<br>(fem, plural)     | flat                     | cat1772          |
|                                             |                              | rising                   | cat1773          |
|                                             |                              | falling                  | cat1774          |
| tretzenes                                   | thirteenth<br>(fem, plural)  | flat                     | cat1776          |
|                                             |                              | rising                   | cat1777          |
|                                             |                              | falling                  | cat1778          |
| catorzenes                                  | fourteenth<br>(fem, plural)  | flat                     | cat1780          |
|                                             |                              | rising                   | cat1781          |
|                                             |                              | falling                  | cat1782          |
| quinzenes                                   | fifteenth<br>(fem, plural)   | flat                     | cat1784          |
|                                             |                              | rising                   | cat1785          |
|                                             |                              | falling                  | cat1786          |
| setzenes                                    | sixteenth<br>(fem, plural)   | flat                     | cat1788          |
|                                             |                              | rising                   | cat1789          |
|                                             |                              | falling                  | cat1790          |
| dissetenes                                  | seventeenth<br>(fem, plural) | flat                     | cat1792          |
|                                             |                              | rising                   | cat1793          |
|                                             |                              | falling                  | cat1794          |
| divuitenes                                  | eighteenth<br>(fem, plural)  | flat                     | cat1796          |
|                                             |                              | rising                   | cat1797          |
|                                             |                              | falling                  | cat1798          |
| dinovenes                                   | nineteenth<br>(fem, plural)  | flat                     | cat1800          |
|                                             |                              | rising                   | cat1801          |
|                                             |                              | falling                  | cat1802          |
| vintenes                                    | twentieth<br>(fem, plural)   | flat                     | cat1804          |
|                                             |                              | rising                   | cat1805          |
|                                             |                              | falling                  | cat1806          |

**Catalan audio (Sheet 41 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b>                 | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|--------------------------------|--------------------------|------------------|
| trentenes                                   | thirtieth<br>(fem, plural)     | flat                     | cat1808          |
|                                             |                                | rising                   | cat1809          |
|                                             |                                | falling                  | cat1810          |
| quarantenes                                 | fortieth<br>(fem, plural)      | flat                     | cat1812          |
|                                             |                                | rising                   | cat1813          |
|                                             |                                | falling                  | cat1814          |
| cinquantenes                                | fiftieth<br>(fem, plural)      | flat                     | cat1816          |
|                                             |                                | rising                   | cat1817          |
|                                             |                                | falling                  | cat1818          |
| seixantenes                                 | sixtieth<br>(fem, plural)      | flat                     | cat1820          |
|                                             |                                | rising                   | cat1821          |
|                                             |                                | falling                  | cat1822          |
| setantenes                                  | seventieth<br>(fem, plural)    | flat                     | cat1824          |
|                                             |                                | rising                   | cat1825          |
|                                             |                                | falling                  | cat1826          |
| vuitantenes                                 | eightieth<br>(fem, plural)     | flat                     | cat1828          |
|                                             |                                | rising                   | cat1829          |
|                                             |                                | falling                  | cat1830          |
| norantenes                                  | ninetieth<br>(fem, plural)     | flat                     | cat1832          |
|                                             |                                | rising                   | cat1833          |
|                                             |                                | falling                  | cat1834          |
| centenes                                    | one-hundredth<br>(fem, plural) | flat                     | cat1836          |
|                                             |                                | rising                   | cat1837          |
|                                             |                                | falling                  | cat1838          |
| dos-centenes                                | two-hundredth<br>(fem, plural) | flat                     | cat1840          |
|                                             |                                | rising                   | cat1841          |
|                                             |                                | falling                  | cat1842          |

**Catalan audio (Sheet 42 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b>                   | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------------------------|--------------------------|------------------|
| tres-centenes                               | three-hundredth<br>(fem, plural) | flat                     | cat1844          |
|                                             |                                  | rising                   | cat1845          |
|                                             |                                  | falling                  | cat1846          |
| quatre-centenes                             | four-hundredth<br>(fem, plural)  | flat                     | cat1848          |
|                                             |                                  | rising                   | cat1849          |
|                                             |                                  | falling                  | cat1850          |
| cinquantenes                                | five-hundredth<br>(fem, plural)  | flat                     | cat1852          |
|                                             |                                  | rising                   | cat1853          |
|                                             |                                  | falling                  | cat1854          |
| sis-centenes                                | six-hundredth<br>(fem, plural)   | flat                     | cat1856          |
|                                             |                                  | rising                   | cat1857          |
|                                             |                                  | falling                  | cat1858          |
| set-centenes                                | seven-hundredth<br>(fem, plural) | flat                     | cat1860          |
|                                             |                                  | rising                   | cat1861          |
|                                             |                                  | falling                  | cat1862          |
| vuit-centenes                               | eight-hundredth<br>(fem, plural) | flat                     | cat1864          |
|                                             |                                  | rising                   | cat1865          |
|                                             |                                  | falling                  | cat1866          |
| nou-centenes                                | nine-hundredth<br>(fem, plural)  | flat                     | cat1868          |
|                                             |                                  | rising                   | cat1869          |
|                                             |                                  | falling                  | cat1870          |
| milenes                                     | thousandth<br>(fem, plural)      | flat                     | cat1872          |
|                                             |                                  | rising                   | cat1873          |
|                                             |                                  | falling                  | cat1874          |
| milionesimes                                | millionth<br>(fem, plural)       | flat                     | cat1876          |
|                                             |                                  | rising                   | cat1877          |
|                                             |                                  | falling                  | cat1878          |

**Catalan audio (Sheet 43 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b>                  | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------------------|--------------------------|------------------|
| bilionesimes                                | billionth<br>(fem, plural)      | flat                     | cat1880          |
|                                             |                                 | rising                   | cat1881          |
|                                             |                                 | falling                  | cat1882          |
| vintiunenes                                 | twenty-first<br>(fem, plural)   | flat                     | cat1884          |
|                                             |                                 | rising                   | cat1885          |
|                                             |                                 | falling                  | cat1886          |
| ventidosenes                                | twenty-second<br>(fem, plural)  | flat                     | cat1888          |
|                                             |                                 | rising                   | cat1889          |
|                                             |                                 | falling                  | cat1890          |
| vintitresenes                               | twenty-third<br>(fem, plural)   | flat                     | cat1892          |
|                                             |                                 | rising                   | cat1893          |
|                                             |                                 | falling                  | cat1894          |
| vintiquatrenes                              | twenty-fourth<br>(fem, plural)  | flat                     | cat1896          |
|                                             |                                 | rising                   | cat1897          |
|                                             |                                 | falling                  | cat1898          |
| vinticinquenes                              | twenty-fifth<br>(fem, plural)   | flat                     | cat1900          |
|                                             |                                 | rising                   | cat1901          |
|                                             |                                 | falling                  | cat1902          |
| vintisisenes                                | twenty-sixth<br>(fem, plural)   | flat                     | cat1904          |
|                                             |                                 | rising                   | cat1905          |
|                                             |                                 | falling                  | cat1906          |
| vintisetenes                                | twenty-seventh<br>(fem, plural) | flat                     | cat1908          |
|                                             |                                 | rising                   | cat1909          |
|                                             |                                 | falling                  | cat1910          |

**Catalan audio (Sheet 44 of 44)**

| <b>Catalan phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| vintivuitenes                               | twenty-eighth  | flat                     | cat1912          |
|                                             | (fem, plural)  | rising                   | cat1913          |
|                                             |                | falling                  | cat1914          |
| vintinovenes                                | twenty-ninth   | flat                     | cat1916          |
|                                             | (fem, plural)  | rising                   | cat1917          |
|                                             |                | falling                  | cat1918          |

## Czech audio files

**Note 1:** Only record audio file names ces1200-ces4070 if the user provisions audio files for this currency.

**Note 2:** Audio files names ces508-ces610 are used for strings functionality. Recording of this audio is optional and the content of the recording can be any word.

**Note 3:** Audio files names ces972-ces1010 are used for currency values between 2 and 4.

**Note 4:** Audio files names ces1096-ces1138 are used for months when spoken in dates.

**Note 5:** Audio files names ces1140-ces1170 are used with ordinal hundreds, thousands, millions, and billions.

### Czech audio (Sheet 1 of 39)

| Czech phrase or English equivalent | English     | Phrase intonation | File name |
|------------------------------------|-------------|-------------------|-----------|
| nula                               | zero        | flat              | ces0      |
|                                    |             | rising            | ces1      |
|                                    |             | falling           | ces2      |
| yeden                              | one (masc.) | flat              | ces8      |
|                                    |             | rising            | ces9      |
|                                    |             | falling           | ces10     |
| dva                                | two (masc.) | flat              | ces12     |
|                                    |             | rising            | ces13     |
|                                    |             | falling           | ces14     |
| thri                               | three       | flat              | ces16     |
|                                    |             | rising            | ces17     |
|                                    |             | falling           | ces18     |
| chtyrhi                            | four        | flat              | ces20     |
|                                    |             | rising            | ces21     |
|                                    |             | falling           | ces22     |

**Czech audio (Sheet 2 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| pyet                                      | five           | flat                     | ces24            |
|                                           |                | rising                   | ces25            |
|                                           |                | falling                  | ces26            |
| shest                                     | six            | flat                     | ces28            |
|                                           |                | rising                   | ces29            |
|                                           |                | falling                  | ces30            |
| sedium                                    | seven          | flat                     | ces32            |
|                                           |                | rising                   | ces33            |
|                                           |                | falling                  | ces34            |
| osum                                      | eight          | flat                     | ces36            |
|                                           |                | rising                   | ces37            |
|                                           |                | falling                  | ces38            |
| devyet                                    | nine           | flat                     | ces40            |
|                                           |                | rising                   | ces41            |
|                                           |                | falling                  | ces42            |
| deset                                     | ten            | flat                     | ces56            |
|                                           |                | rising                   | ces57            |
|                                           |                | falling                  | ces58            |
| yedenatst                                 | eleven         | flat                     | ces60            |
|                                           |                | rising                   | ces61            |
|                                           |                | falling                  | ces62            |
| dvanatst                                  | twelve         | flat                     | ces64            |
|                                           |                | rising                   | ces65            |
|                                           |                | falling                  | ces66            |
| trhinastst                                | thirteen       | flat                     | ces68            |
|                                           |                | rising                   | ces69            |
|                                           |                | falling                  | ces70            |

**Czech audio (Sheet 3 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| chtrnatst                                 | fourteen       | flat                     | ces72            |
|                                           |                | rising                   | ces73            |
|                                           |                | falling                  | ces74            |
| patnatst                                  | fifteen        | flat                     | ces76            |
|                                           |                | rising                   | ces77            |
|                                           |                | falling                  | ces78            |
| shestnatst                                | sixteen        | flat                     | ces80            |
|                                           |                | rising                   | ces81            |
|                                           |                | falling                  | ces82            |
| sedumnatst                                | seventeen      | flat                     | ces84            |
|                                           |                | rising                   | ces85            |
|                                           |                | falling                  | ces86            |
| osumnatst                                 | eighteen       | flat                     | ces88            |
|                                           |                | rising                   | ces89            |
|                                           |                | falling                  | ces90            |
| devatenatst                               | nineteen       | flat                     | ces92            |
|                                           |                | rising                   | ces93            |
|                                           |                | falling                  | ces94            |
| dvatset                                   | twenty         | flat                     | ces96            |
|                                           |                | rising                   | ces97            |
|                                           |                | falling                  | ces98            |
| trhitset                                  | thirty         | flat                     | ces100           |
|                                           |                | rising                   | ces101           |
|                                           |                | falling                  | ces102           |
| chtyrhitset                               | forty          | flat                     | ces104           |
|                                           |                | rising                   | ces105           |
|                                           |                | falling                  | ces106           |

**Czech audio (Sheet 4 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| padesat                                   | fifty          | flat                     | ces108           |
|                                           |                | rising                   | ces109           |
|                                           |                | falling                  | ces110           |
| shedesat                                  | sixty          | flat                     | ces112           |
|                                           |                | rising                   | ces113           |
|                                           |                | falling                  | ces114           |
| sedmdesat                                 | seventy        | flat                     | ces116           |
|                                           |                | rising                   | ces117           |
|                                           |                | falling                  | ces118           |
| osmdesat                                  | eighty         | flat                     | ces120           |
|                                           |                | rising                   | ces121           |
|                                           |                | falling                  | ces122           |
| devadesat                                 | ninety         | flat                     | ces124           |
|                                           |                | rising                   | ces125           |
|                                           |                | falling                  | ces126           |
| sto                                       | hundred        | flat                     | ces128           |
|                                           |                | rising                   | ces129           |
|                                           |                | falling                  | ces130           |
| tiseets                                   | thousand       | flat                     | ces496           |
|                                           |                | rising                   | ces497           |
|                                           |                | falling                  | ces498           |
| miliaun                                   | million        | flat                     | ces500           |
|                                           |                | rising                   | ces501           |
|                                           |                | falling                  | ces502           |
| miliarda                                  | billion        | flat                     | ces504           |
|                                           |                | rising                   | ces505           |
|                                           |                | falling                  | ces506           |

**Czech audio (Sheet 5 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| optional                                  | a              | flat                     | ces508           |
|                                           |                | rising                   | ces509           |
|                                           |                | falling                  | ces510           |
| optional                                  | b              | flat                     | ces512           |
|                                           |                | rising                   | ces513           |
|                                           |                | falling                  | ces514           |
| optional                                  | c              | flat                     | ces516           |
|                                           |                | rising                   | ces517           |
|                                           |                | falling                  | ces518           |
| optional                                  | d              | flat                     | ces520           |
|                                           |                | rising                   | ces521           |
|                                           |                | falling                  | ces522           |
| optional                                  | e              | flat                     | ces524           |
|                                           |                | rising                   | ces525           |
|                                           |                | falling                  | ces526           |
| optional                                  | f              | flat                     | ces528           |
|                                           |                | rising                   | ces529           |
|                                           |                | falling                  | ces530           |
| optional                                  | g              | flat                     | ces532           |
|                                           |                | rising                   | ces533           |
|                                           |                | falling                  | ces534           |
| optional                                  | h              | flat                     | ces536           |
|                                           |                | rising                   | ces537           |
|                                           |                | falling                  | ces538           |
| optional                                  | i              | flat                     | ces540           |
|                                           |                | rising                   | ces541           |
|                                           |                | falling                  | ces542           |

**Czech audio (Sheet 6 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| optional                                  | j              | flat                     | ces544           |
|                                           |                | rising                   | ces545           |
|                                           |                | falling                  | ces546           |
| optional                                  | k              | flat                     | ces548           |
|                                           |                | rising                   | ces549           |
|                                           |                | falling                  | ces550           |
| optional                                  | l              | flat                     | ces552           |
|                                           |                | rising                   | ces553           |
|                                           |                | falling                  | ces554           |
| optional                                  | m              | flat                     | ces556           |
|                                           |                | rising                   | ces557           |
|                                           |                | falling                  | ces558           |
| optional                                  | n              | flat                     | ces560           |
|                                           |                | rising                   | ces561           |
|                                           |                | falling                  | ces562           |
| optional                                  | o              | flat                     | ces564           |
|                                           |                | rising                   | ces565           |
|                                           |                | falling                  | ces566           |
| optional                                  | p              | flat                     | ces568           |
|                                           |                | rising                   | ces569           |
|                                           |                | falling                  | ces570           |
| optional                                  | q              | flat                     | ces572           |
|                                           |                | rising                   | ces573           |
|                                           |                | falling                  | ces574           |
| optional                                  | r              | flat                     | ces576           |
|                                           |                | rising                   | ces577           |
|                                           |                | falling                  | ces578           |

**Czech audio (Sheet 7 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| optional                                  | s              | flat                     | ces580           |
|                                           |                | rising                   | ces581           |
|                                           |                | falling                  | ces582           |
| optional                                  | t              | flat                     | ces584           |
|                                           |                | rising                   | ces585           |
|                                           |                | falling                  | ces586           |
| optional                                  | u              | flat                     | ces588           |
|                                           |                | rising                   | ces589           |
|                                           |                | falling                  | ces590           |
| optional                                  | v              | flat                     | ces592           |
|                                           |                | rising                   | ces593           |
|                                           |                | falling                  | ces594           |
| optional                                  | w              | flat                     | ces596           |
|                                           |                | rising                   | ces597           |
|                                           |                | falling                  | ces598           |
| optional                                  | x              | flat                     | ces600           |
|                                           |                | rising                   | ces601           |
|                                           |                | falling                  | ces602           |
| optional                                  | y              | flat                     | ces604           |
|                                           |                | rising                   | ces605           |
|                                           |                | falling                  | ces606           |
| optional                                  | z              | flat                     | ces608           |
|                                           |                | rising                   | ces609           |
|                                           |                | falling                  | ces610           |
| meenus                                    | negative       | flat                     | ces616           |
|                                           |                | rising                   | ces617           |
|                                           |                | falling                  | ces618           |

**Czech audio (Sheet 8 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| a                                         | and            | flat                     | ces620           |
|                                           |                | rising                   | ces621           |
|                                           |                | falling                  | ces622           |
| hodina                                    | hour           | flat                     | ces624           |
|                                           |                | rising                   | ces625           |
|                                           |                | falling                  | ces626           |
| hodin                                     | hours          | flat                     | ces628           |
|                                           |                | rising                   | ces629           |
|                                           |                | falling                  | ces630           |
| minuta                                    | minute         | flat                     | ces632           |
|                                           |                | rising                   | ces633           |
|                                           |                | falling                  | ces634           |
| minut                                     | minutes        | flat                     | ces636           |
|                                           |                | rising                   | ces637           |
|                                           |                | falling                  | ces638           |
| sekunda                                   | second         | flat                     | ces640           |
|                                           |                | rising                   | ces641           |
|                                           |                | falling                  | ces642           |
| sekund                                    | seconds        | flat                     | ces644           |
|                                           |                | rising                   | ces645           |
|                                           |                | falling                  | ces646           |
| leden                                     | January        | flat                     | ces648           |
|                                           |                | rising                   | ces649           |
|                                           |                | falling                  | ces650           |
| oonor                                     | February       | flat                     | ces652           |
|                                           |                | rising                   | ces653           |
|                                           |                | falling                  | ces654           |

**Czech audio (Sheet 9 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| brhezen                                   | March          | flat                     | ces656           |
|                                           |                | rising                   | ces657           |
|                                           |                | falling                  | ces658           |
| duben                                     | April          | flat                     | ces660           |
|                                           |                | rising                   | ces661           |
|                                           |                | falling                  | ces662           |
| kvyeten                                   | May            | flat                     | ces664           |
|                                           |                | rising                   | ces665           |
|                                           |                | falling                  | ces666           |
| cherven                                   | June           | flat                     | ces668           |
|                                           |                | rising                   | ces669           |
|                                           |                | falling                  | ces670           |
| chervenets                                | July           | flat                     | ces672           |
|                                           |                | rising                   | ces673           |
|                                           |                | falling                  | ces674           |
| srpen                                     | August         | flat                     | ces676           |
|                                           |                | rising                   | ces677           |
|                                           |                | falling                  | ces678           |
| zarhee                                    | September      | flat                     | ces680           |
|                                           |                | rising                   | ces681           |
|                                           |                | falling                  | ces682           |
| rheeyen                                   | October        | flat                     | ces684           |
|                                           |                | rising                   | ces685           |
|                                           |                | falling                  | ces686           |
| listopad                                  | November       | flat                     | ces688           |
|                                           |                | rising                   | ces689           |
|                                           |                | falling                  | ces690           |

**Czech audio (Sheet 10 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| prosinets                                 | December       | flat                     | ces692           |
|                                           |                | rising                   | ces693           |
|                                           |                | falling                  | ces694           |
| nedyele                                   | Sunday         | flat                     | ces696           |
|                                           |                | rising                   | ces697           |
|                                           |                | falling                  | ces698           |
| pondyelee                                 | Monday         | flat                     | ces700           |
|                                           |                | rising                   | ces701           |
|                                           |                | falling                  | ces702           |
| ooteree                                   | Tuesday        | flat                     | ces704           |
|                                           |                | rising                   | ces705           |
|                                           |                | falling                  | ces706           |
| strheda                                   | Wednesday      | flat                     | ces708           |
|                                           |                | rising                   | ces709           |
|                                           |                | falling                  | ces710           |
| chtvrtek                                  | Thursday       | flat                     | ces712           |
|                                           |                | rising                   | ces713           |
|                                           |                | falling                  | ces714           |
| patek                                     | Friday         | flat                     | ces716           |
|                                           |                | rising                   | ces717           |
|                                           |                | falling                  | ces718           |
| sobota                                    | Saturday       | flat                     | ces720           |
|                                           |                | rising                   | ces721           |
|                                           |                | falling                  | ces722           |
| nultee                                    | zeroeth        | flat                     | ces724           |
|                                           |                | rising                   | ces725           |
|                                           |                | falling                  | ces726           |

## Czech audio (Sheet 11 of 39)

| Czech phrase or English equivalent | English         | Phrase intonation | File name |
|------------------------------------|-----------------|-------------------|-----------|
| prvnyee                            | first           | flat              | ces728    |
|                                    |                 | rising            | ces729    |
|                                    |                 | falling           | ces730    |
| druheee                            | second (masc.)  | flat              | ces732    |
|                                    |                 | rising            | ces733    |
|                                    |                 | falling           | ces734    |
| trhetyee                           | third           | flat              | ces736    |
|                                    |                 | rising            | ces737    |
|                                    |                 | falling           | ces738    |
| chtvrtee                           | fourth (masc.)  | flat              | ces740    |
|                                    |                 | rising            | ces741    |
|                                    |                 | falling           | ces742    |
| patee                              | fifth (masc.)   | flat              | ces744    |
|                                    |                 | rising            | ces745    |
|                                    |                 | falling           | ces746    |
| shestee                            | sixth (masc.)   | flat              | ces748    |
|                                    |                 | rising            | ces749    |
|                                    |                 | falling           | ces750    |
| sedmee                             | seventh (masc.) | flat              | ces752    |
|                                    |                 | rising            | ces753    |
|                                    |                 | falling           | ces754    |
| osmee                              | eighth (masc.)  | flat              | ces756    |
|                                    |                 | rising            | ces757    |
|                                    |                 | falling           | ces758    |
| devatee                            | ninth (masc.)   | flat              | ces760    |
|                                    |                 | rising            | ces761    |
|                                    |                 | falling           | ces762    |

## Czech audio (Sheet 12 of 39)

| Czech phrase or English equivalent | English             | Phrase intonation | File name |
|------------------------------------|---------------------|-------------------|-----------|
| desatee                            | tenth (masc.)       | flat              | ces764    |
|                                    |                     | rising            | ces765    |
|                                    |                     | falling           | ces766    |
| yedenatstee                        | eleventh (masc.)    | flat              | ces768    |
|                                    |                     | rising            | ces769    |
|                                    |                     | falling           | ces770    |
| dvanatstee                         | twelfth (masc.)     | flat              | ces772    |
|                                    |                     | rising            | ces773    |
|                                    |                     | falling           | ces774    |
| trhinatstee                        | thirteenth (masc.)  | flat              | ces776    |
|                                    |                     | rising            | ces777    |
|                                    |                     | falling           | ces778    |
| chtrnatstee                        | fourteenth (masc.)  | flat              | ces780    |
|                                    |                     | rising            | ces781    |
|                                    |                     | falling           | ces782    |
| patnatstee                         | fifteenth (masc.)   | flat              | ces784    |
|                                    |                     | rising            | ces785    |
|                                    |                     | falling           | ces786    |
| shestnatstee                       | sixteenth (masc.)   | flat              | ces788    |
|                                    |                     | rising            | ces789    |
|                                    |                     | falling           | ces790    |
| sedumnatstee                       | seventeenth (masc.) | flat              | ces792    |
|                                    |                     | rising            | ces793    |
|                                    |                     | falling           | ces794    |
| osumnatstee                        | eighteenth (masc.)  | flat              | ces796    |
|                                    |                     | rising            | ces797    |
|                                    |                     | falling           | ces798    |

**Czech audio (Sheet 13 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|--------------------|--------------------------|------------------|
| devatenatstee                             | nineteenth (masc.) | flat                     | ces800           |
|                                           |                    | rising                   | ces801           |
|                                           |                    | falling                  | ces802           |
| dvatsatee                                 | twentieth (masc.)  | flat                     | ces804           |
|                                           |                    | rising                   | ces805           |
|                                           |                    | falling                  | ces806           |
| trhitsatee                                | thirtieth (masc.)  | flat                     | ces808           |
|                                           |                    | rising                   | ces809           |
|                                           |                    | falling                  | ces810           |
| chtyrhitsatee                             | fortieth (masc.)   | flat                     | ces812           |
|                                           |                    | rising                   | ces813           |
|                                           |                    | falling                  | ces814           |
| padesatee                                 | fiftieth (masc.)   | flat                     | ces816           |
|                                           |                    | rising                   | ces817           |
|                                           |                    | falling                  | ces818           |
| shedesatee                                | sixtieth (masc.)   | flat                     | ces820           |
|                                           |                    | rising                   | ces821           |
|                                           |                    | falling                  | ces822           |
| sedumdesatee                              | seventieth (masc.) | flat                     | ces824           |
|                                           |                    | rising                   | ces825           |
|                                           |                    | falling                  | ces826           |
| osumdesatee                               | eightieth (masc.)  | flat                     | ces828           |
|                                           |                    | rising                   | ces829           |
|                                           |                    | falling                  | ces830           |
| devadesatee                               | ninetieth (masc.)  | flat                     | ces832           |
|                                           |                    | rising                   | ces833           |
|                                           |                    | falling                  | ces834           |

## Czech audio (Sheet 14 of 39)

| Czech phrase or English equivalent | English               | Phrase intonation | File name |
|------------------------------------|-----------------------|-------------------|-----------|
| stee                               | one-hundredth (masc.) | flat              | ces836    |
|                                    |                       | rising            | ces837    |
|                                    |                       | falling           | ces838    |
| tiseetsee                          | thousandth (masc.)    | flat              | ces872    |
|                                    |                       | rising            | ces873    |
|                                    |                       | falling           | ces874    |
| miliontee                          | millionth (masc.)     | flat              | ces880    |
|                                    |                       | rising            | ces881    |
|                                    |                       | falling           | ces882    |
| miliardtee                         | billionth (masc.)     | flat              | ces888    |
|                                    |                       | rising            | ces889    |
|                                    |                       | falling           | ces890    |
| mrheezhka                          | pound sign<br>(#)     | flat              | ces896    |
|                                    |                       | rising            | ces897    |
|                                    |                       | falling           | ces898    |
| hvyezdichka                        | asterisk<br>(*)       | flat              | ces900    |
|                                    |                       | rising            | ces901    |
|                                    |                       | falling           | ces902    |
| ranho                              | a.m.                  | flat              | ces908    |
|                                    |                       | rising            | ces909    |
|                                    |                       | falling           | ces910    |
| odpoledne                          | p.m.                  | flat              | ces912    |
|                                    |                       | rising            | ces913    |
|                                    |                       | falling           | ces914    |
| dolar                              | dollar<br>(US)        | flat              | ces1200   |
|                                    |                       | rising            | ces1201   |
|                                    |                       | falling           | ces1202   |

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| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| dolaroo                                   | dollars        | flat                     | ces1204          |
|                                           | (US)           | rising                   | ces1205          |
|                                           |                | falling                  | ces1206          |
| tsent                                     | cent           | flat                     | ces1208          |
|                                           | (US)           | rising                   | ces1209          |
|                                           |                | falling                  | ces1210          |
| tsentoo                                   | cents          | flat                     | ces1212          |
|                                           | (US)           | rising                   | ces1213          |
|                                           |                | falling                  | ces1214          |
| mark                                      | mark           | flat                     | ces1216          |
|                                           | (Germany)      | rising                   | ces1217          |
|                                           |                | falling                  | ces1218          |
| marks                                     | marks          | flat                     | ces1220          |
|                                           | (Germany)      | rising                   | ces1221          |
|                                           |                | falling                  | ces1222          |
| pfennig                                   | pfennig        | flat                     | ces1224          |
|                                           | (Germany)      | rising                   | ces1225          |
|                                           |                | falling                  | ces1226          |
| pfennigs                                  | pfennigs       | flat                     | ces1228          |
|                                           | (Germany)      | rising                   | ces1229          |
|                                           |                | falling                  | ces1230          |
| yen                                       | yen            | flat                     | ces1232          |
|                                           | (Japan)        | rising                   | ces1233          |
|                                           |                | falling                  | ces1234          |
| yens                                      | yens           | flat                     | ces1236          |
|                                           | (Japan)        | rising                   | ces1237          |
|                                           |                | falling                  | ces1238          |

## Czech audio (Sheet 16 of 39)

| Czech phrase or English equivalent | English                   | Phrase intonation | File name |
|------------------------------------|---------------------------|-------------------|-----------|
| lira                               | lira<br>(Italy)           | flat              | ces1240   |
|                                    |                           | rising            | ces1241   |
|                                    |                           | falling           | ces1242   |
| lire                               | liras<br>(Italy)          | flat              | ces1244   |
|                                    |                           | rising            | ces1245   |
|                                    |                           | falling           | ces1246   |
| guilder                            | guilder<br>(Netherlands)  | flat              | ces1248   |
|                                    |                           | rising            | ces1249   |
|                                    |                           | falling           | ces1250   |
| guilders                           | guilders<br>(Netherlands) | flat              | ces1252   |
|                                    |                           | rising            | ces1253   |
|                                    |                           | falling           | ces1254   |
| cent                               | cent<br>(Netherlands)     | flat              | ces1256   |
|                                    |                           | rising            | ces1257   |
|                                    |                           | falling           | ces1258   |
| cent                               | cents<br>(Netherlands)    | flat              | ces1260   |
|                                    |                           | rising            | ces1261   |
|                                    |                           | falling           | ces1262   |
| pound                              | pound<br>(UK)             | flat              | ces1264   |
|                                    |                           | rising            | ces1265   |
|                                    |                           | falling           | ces1266   |
| pounds                             | pounds<br>(UK)            | flat              | ces1268   |
|                                    |                           | rising            | ces1269   |
|                                    |                           | falling           | ces1270   |
| penny                              | penny<br>(UK)             | flat              | ces1272   |
|                                    |                           | rising            | ces1273   |
|                                    |                           | falling           | ces1274   |

## Czech audio (Sheet 17 of 39)

| Czech phrase or English equivalent | English              | Phrase intonation | File name |
|------------------------------------|----------------------|-------------------|-----------|
| pence                              | pence<br>(UK)        | flat              | ces1276   |
|                                    |                      | rising            | ces1277   |
|                                    |                      | falling           | ces1278   |
| e-uro                              | euro<br>(Euro)       | flat              | ces1280   |
|                                    |                      | rising            | ces1281   |
|                                    |                      | falling           | ces1282   |
| e-ur                               | euros<br>(Euro)      | flat              | ces1284   |
|                                    |                      | rising            | ces1285   |
|                                    |                      | falling           | ces1286   |
| e-urotsent                         | eurocent<br>(Euro)   | flat              | ces1288   |
|                                    |                      | rising            | ces1289   |
|                                    |                      | falling           | ces1290   |
| e-urotsentoo                       | eurocents<br>(Euro)  | flat              | ces1292   |
|                                    |                      | rising            | ces1293   |
|                                    |                      | falling           | ces1294   |
| frank                              | franc<br>(France)    | flat              | ces1296   |
|                                    |                      | rising            | ces1297   |
|                                    |                      | falling           | ces1298   |
| frankoo                            | francs<br>(France)   | flat              | ces1300   |
|                                    |                      | rising            | ces1301   |
|                                    |                      | falling           | ces1302   |
| tsentime                           | centime<br>(France)  | flat              | ces1304   |
|                                    |                      | rising            | ces1305   |
|                                    |                      | falling           | ces1306   |
| tsentimoo                          | centimes<br>(France) | flat              | ces1308   |
|                                    |                      | rising            | ces1309   |
|                                    |                      | falling           | ces1310   |

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| <b>Czech phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|---------------------------|--------------------------|------------------|
| peseta                                    | peseta<br>(Spain)         | flat                     | ces1312          |
|                                           |                           | rising                   | ces1313          |
|                                           |                           | falling                  | ces1314          |
| pesetas                                   | pesetas<br>(Spain)        | flat                     | ces1316          |
|                                           |                           | rising                   | ces1317          |
|                                           |                           | falling                  | ces1318          |
| peso                                      | peso<br>(Philippines)     | flat                     | ces1328          |
|                                           |                           | rising                   | ces1329          |
|                                           |                           | falling                  | ces1330          |
| pesos                                     | pesos<br>(Philippines)    | flat                     | ces1332          |
|                                           |                           | rising                   | ces1333          |
|                                           |                           | falling                  | ces1334          |
| centavo                                   | centavo<br>(Philippines)  | flat                     | ces1336          |
|                                           |                           | rising                   | ces1337          |
|                                           |                           | falling                  | ces1338          |
| centavos                                  | centavos<br>(Philippines) | flat                     | ces1340          |
|                                           |                           | rising                   | ces1341          |
|                                           |                           | falling                  | ces1342          |
| ringgit                                   | ringgit<br>(Malaysia)     | flat                     | ces1344          |
|                                           |                           | rising                   | ces1345          |
|                                           |                           | falling                  | ces1346          |
| ringgits                                  | ringgits<br>(Malaysia)    | flat                     | ces1348          |
|                                           |                           | rising                   | ces1349          |
|                                           |                           | falling                  | ces1350          |
| sen                                       | sens<br>(Malaysia)        | flat                     | ces1356          |
|                                           |                           | rising                   | ces1357          |
|                                           |                           | falling                  | ces1358          |

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| Czech phrase or English equivalent | English               | Phrase intonation | File name |
|------------------------------------|-----------------------|-------------------|-----------|
| sens                               | sen<br>(Malaysia)     | flat              | ces1352   |
|                                    |                       | rising            | ces1353   |
|                                    |                       | falling           | ces1354   |
| baht                               | baht<br>(Thailand)    | flat              | ces1360   |
|                                    |                       | rising            | ces1361   |
|                                    |                       | falling           | ces1362   |
| bahts                              | bahts<br>(Thailand)   | flat              | ces1364   |
|                                    |                       | rising            | ces1365   |
|                                    |                       | falling           | ces1366   |
| satang                             | satang<br>(Thailand)  | flat              | ces1368   |
|                                    |                       | rising            | ces1369   |
|                                    |                       | falling           | ces1370   |
| satangs                            | satangs<br>(Thailand) | flat              | ces1372   |
|                                    |                       | rising            | ces1373   |
|                                    |                       | falling           | ces1374   |
| won                                | won<br>(Korea)        | flat              | ces1376   |
|                                    |                       | rising            | ces1377   |
|                                    |                       | falling           | ces1378   |
| wons                               | wons<br>(Korea)       | flat              | ces1380   |
|                                    |                       | rising            | ces1381   |
|                                    |                       | falling           | ces1382   |
| franc                              | franc<br>(Belgium)    | flat              | ces1384   |
|                                    |                       | rising            | ces1385   |
|                                    |                       | falling           | ces1386   |
| francs                             | francs<br>(Belgium)   | flat              | ces1388   |
|                                    |                       | rising            | ces1389   |
|                                    |                       | falling           | ces1390   |

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| <b>Czech phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|------------------------|--------------------------|------------------|
| centime                                   | centime<br>(Belgium)   | flat                     | ces1392          |
|                                           |                        | rising                   | ces1393          |
|                                           |                        | falling                  | ces1394          |
| centimes                                  | centimes<br>(Belgium)  | flat                     | ces1396          |
|                                           |                        | rising                   | ces1397          |
|                                           |                        | falling                  | ces1398          |
| dollar                                    | dollar<br>(Canada)     | flat                     | ces1400          |
|                                           |                        | rising                   | ces1401          |
|                                           |                        | falling                  | ces1402          |
| dollars                                   | dollars<br>(Canada)    | flat                     | ces1404          |
|                                           |                        | rising                   | ces1405          |
|                                           |                        | falling                  | ces1406          |
| cent                                      | cent<br>(Canada)       | flat                     | ces1408          |
|                                           |                        | rising                   | ces1409          |
|                                           |                        | falling                  | ces1410          |
| cents                                     | cents<br>(Canada)      | flat                     | ces1412          |
|                                           |                        | rising                   | ces1413          |
|                                           |                        | falling                  | ces1414          |
| dollar                                    | dollar<br>(Hong Kong)  | flat                     | ces1416          |
|                                           |                        | rising                   | ces1417          |
|                                           |                        | falling                  | ces1418          |
| dollars                                   | dollars<br>(Hong Kong) | flat                     | ces1420          |
|                                           |                        | rising                   | ces1421          |
|                                           |                        | falling                  | ces1422          |
| cent                                      | cent<br>(Hong Kong)    | flat                     | ces1424          |
|                                           |                        | rising                   | ces1425          |
|                                           |                        | falling                  | ces1426          |

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| <b>Czech phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|------------------------|--------------------------|------------------|
| cents                                     | cents<br>(Hong Kong)   | flat                     | ces1428          |
|                                           |                        | rising                   | ces1429          |
|                                           |                        | falling                  | ces1430          |
| gok                                       | gok<br>(Hong Kong)     | flat                     | ces1488          |
|                                           |                        | rising                   | ces1489          |
|                                           |                        | falling                  | ces1490          |
| Goks                                      | goks<br>(Hong Kong)    | flat                     | ces1492          |
|                                           |                        | rising                   | ces1493          |
|                                           |                        | falling                  | ces1494          |
| escudo                                    | escudo<br>(Portugal)   | flat                     | ces1432          |
|                                           |                        | rising                   | ces1433          |
|                                           |                        | falling                  | ces1434          |
| escudos                                   | escudos<br>(Portugal)  | flat                     | ces1436          |
|                                           |                        | rising                   | ces1437          |
|                                           |                        | falling                  | ces1438          |
| centavo                                   | centavo<br>(Portugal)  | flat                     | ces1440          |
|                                           |                        | rising                   | ces1441          |
|                                           |                        | falling                  | ces1442          |
| centavos                                  | centavos<br>(Portugal) | flat                     | ces1444          |
|                                           |                        | rising                   | ces1445          |
|                                           |                        | falling                  | ces1446          |
| yuan                                      | yuan<br>(China)        | flat                     | ces1448          |
|                                           |                        | rising                   | ces1449          |
|                                           |                        | falling                  | ces1450          |
| yuans                                     | yuans<br>(China)       | flat                     | ces1452          |
|                                           |                        | rising                   | ces1453          |
|                                           |                        | falling                  | ces1454          |

## Czech audio (Sheet 22 of 39)

| Czech phrase or English equivalent | English             | Phrase intonation | File name |
|------------------------------------|---------------------|-------------------|-----------|
| jiao                               | jiao<br>(China)     | flat              | ces1456   |
|                                    |                     | rising            | ces1457   |
|                                    |                     | falling           | ces1458   |
| jiaos                              | jiaos<br>(China)    | flat              | ces1460   |
|                                    |                     | rising            | ces1461   |
|                                    |                     | falling           | ces1462   |
| fen                                | fen<br>(China)      | flat              | ces1464   |
|                                    |                     | rising            | ces1465   |
|                                    |                     | falling           | ces1466   |
| fens                               | fens<br>(China)     | flat              | ces1468   |
|                                    |                     | rising            | ces1469   |
|                                    |                     | falling           | ces1470   |
| pound                              | pound<br>(Ireland)  | flat              | ces1472   |
|                                    |                     | rising            | ces1473   |
|                                    |                     | falling           | ces1474   |
| pounds                             | pounds<br>(Ireland) | flat              | ces1476   |
|                                    |                     | rising            | ces1477   |
|                                    |                     | falling           | ces1478   |
| penny                              | penny<br>(Ireland)  | flat              | ces1480   |
|                                    |                     | rising            | ces1481   |
|                                    |                     | falling           | ces1482   |
| pence                              | pence<br>(Ireland)  | flat              | ces1484   |
|                                    |                     | rising            | ces1485   |
|                                    |                     | falling           | ces1486   |
| shekel                             | shekel<br>(Israel)  | flat              | ces4000   |
|                                    |                     | rising            | ces4001   |
|                                    |                     | falling           | ces4002   |

**Czech audio (Sheet 23 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|---------------------|--------------------------|------------------|
| shekels                                   | shekels<br>(Israel) | flat                     | ces4004          |
|                                           |                     | rising                   | ces4005          |
|                                           |                     | falling                  | ces4006          |
| agoro                                     | agoro<br>(Israel)   | flat                     | ces4008          |
|                                           |                     | rising                   | ces4009          |
|                                           |                     | falling                  | ces4010          |
| agoros                                    | agoros<br>(Israel)  | flat                     | ces4012          |
|                                           |                     | rising                   | ces4013          |
|                                           |                     | falling                  | ces4014          |
| koruna                                    | koruna<br>(Czech)   | flat                     | ces4016          |
|                                           |                     | rising                   | ces4017          |
|                                           |                     | falling                  | ces4018          |
| korun                                     | korunas<br>(Czech)  | flat                     | ces4020          |
|                                           |                     | rising                   | ces4021          |
|                                           |                     | falling                  | ces4022          |
| haleru                                    | haleru<br>(Czech)   | flat                     | ces4024          |
|                                           |                     | rising                   | ces4025          |
|                                           |                     | falling                  | ces4026          |
| haleroo                                   | halerus<br>(Czech)  | flat                     | ces4028          |
|                                           |                     | rising                   | ces4029          |
|                                           |                     | falling                  | ces4030          |
| lira                                      | lira<br>(Turkey)    | flat                     | ces4032          |
|                                           |                     | rising                   | ces4033          |
|                                           |                     | falling                  | ces4034          |
| lire                                      | lire<br>(Turkey)    | flat                     | ces4036          |
|                                           |                     | rising                   | ces4037          |
|                                           |                     | falling                  | ces4038          |

**Czech audio (Sheet 24 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b>       | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------------|--------------------------|------------------|
| dratshma                                  | drachma<br>(Greece)  | flat                     | ces4040          |
|                                           |                      | rising                   | ces4041          |
|                                           |                      | falling                  | ces4042          |
| drachmas                                  | drachmas<br>(Greece) | flat                     | ces4044          |
|                                           |                      | rising                   | ces4045          |
|                                           |                      | falling                  | ces4046          |
| dong                                      | dong<br>(Vietnam)    | flat                     | ces4048          |
|                                           |                      | rising                   | ces4049          |
|                                           |                      | falling                  | ces4050          |
| dongs                                     | dongs<br>(Vietnam)   | flat                     | ces4052          |
|                                           |                      | rising                   | ces4053          |
|                                           |                      | falling                  | ces4054          |
| rupi-e                                    | rupee<br>(India)     | flat                     | ces4056          |
|                                           |                      | rising                   | ces4057          |
|                                           |                      | falling                  | ces4058          |
| rupi-ee                                   | rupees<br>(India)    | flat                     | ces4060          |
|                                           |                      | rising                   | ces4061          |
|                                           |                      | falling                  | ces4062          |
| paisa                                     | paisa<br>(India)     | flat                     | ces4064          |
|                                           |                      | rising                   | ces4065          |
|                                           |                      | falling                  | ces4066          |
| paisoo                                    | paisas<br>(India)    | flat                     | ces4068          |
|                                           |                      | rising                   | ces4069          |
|                                           |                      | falling                  | ces4070          |
| yedna                                     | one (fem.)           | flat                     | ces920           |
|                                           |                      | rising                   | ces921           |
|                                           |                      | falling                  | ces922           |

## Czech audio (Sheet 25 of 39)

| Czech phrase or English equivalent | English                                  | Phrase intonation | File name |
|------------------------------------|------------------------------------------|-------------------|-----------|
| yedno                              | one (neuter)                             | flat              | ces924    |
|                                    |                                          | rising            | ces925    |
|                                    |                                          | falling           | ces926    |
| dvye                               | two (fem. and neuter)                    | flat              | ces928    |
|                                    |                                          | rising            | ces929    |
|                                    |                                          | falling           | ces930    |
| sta                                | hundreds (200 to 400)                    | flat              | ces932    |
|                                    |                                          | rising            | ces933    |
|                                    |                                          | falling           | ces934    |
| set                                | hundreds (500 to 900)                    | flat              | ces936    |
|                                    |                                          | rising            | ces937    |
|                                    |                                          | falling           | ces938    |
| tiseetse                           | thousands (2000 to 4000)                 | flat              | ces940    |
|                                    |                                          | rising            | ces941    |
|                                    |                                          | falling           | ces942    |
| miliauny                           | millions (2 million to 4 million)        | flat              | ces944    |
|                                    |                                          | rising            | ces945    |
|                                    |                                          | falling           | ces946    |
| miliaunoo                          | millions (5 million through $n$ million) | flat              | ces948    |
|                                    |                                          | rising            | ces949    |
|                                    |                                          | falling           | ces950    |
| miliardy                           | billions (2 billion to 4 billion)        | flat              | ces952    |
|                                    |                                          | rising            | ces953    |
|                                    |                                          | falling           | ces954    |
| miliard                            | billions (5 billion through $n$ billion) | flat              | ces956    |
|                                    |                                          | rising            | ces957    |
|                                    |                                          | falling           | ces958    |

**Czech audio (Sheet 26 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b>               | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|------------------------------|--------------------------|------------------|
| hodiny                                    | hours (for 2 to 4 hours)     | flat                     | ces960           |
|                                           |                              | rising                   | ces961           |
|                                           |                              | falling                  | ces962           |
| minuty                                    | minutes (for 2 to 4 minutes) | flat                     | ces964           |
|                                           |                              | rising                   | ces965           |
|                                           |                              | falling                  | ces966           |
| sekundy                                   | seconds (for 2 to r seconds) | flat                     | ces968           |
|                                           |                              | rising                   | ces969           |
|                                           |                              | falling                  | ces970           |
| dolary                                    | dollars (US)                 | flat                     | ces972           |
|                                           |                              | rising                   | ces973           |
|                                           |                              | falling                  | ces974           |
| tsenty                                    | cents (US)                   | flat                     | ces976           |
|                                           |                              | rising                   | ces977           |
|                                           |                              | falling                  | ces978           |
| e-ura                                     | euros (Euro)                 | flat                     | ces980           |
|                                           |                              | rising                   | ces981           |
|                                           |                              | falling                  | ces982           |
| e-urotsenty                               | eurocents (Euro)             | flat                     | ces984           |
|                                           |                              | rising                   | ces985           |
|                                           |                              | falling                  | ces986           |
| rupie                                     | rupees (India)               | flat                     | ces988           |
|                                           |                              | rising                   | ces989           |
|                                           |                              | falling                  | ces990           |
| paisy                                     | paisas (India)               | flat                     | ces992           |
|                                           |                              | rising                   | ces993           |
|                                           |                              | falling                  | ces994           |

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| <b>Czech phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|--------------------|--------------------------|------------------|
| franky                                    | francs (France)    | flat                     | ces996           |
|                                           |                    | rising                   | ces997           |
|                                           |                    | falling                  | ces998           |
| tsentimy                                  | centimes (France)  | flat                     | ces1000          |
|                                           |                    | rising                   | ces1001          |
|                                           |                    | falling                  | ces1002          |
| koruny                                    | korunas (Czech)    | flat                     | ces1004          |
|                                           |                    | rising                   | ces1005          |
|                                           |                    | falling                  | ces1006          |
| halaery                                   | halerus (Czech)    | flat                     | ces1008          |
|                                           |                    | rising                   | ces1009          |
|                                           |                    | falling                  | ces1010          |
| perv-nee-ho                               | first (for dates)  | flat                     | ces1012          |
|                                           |                    | rising                   | ces1013          |
|                                           |                    | falling                  | ces1014          |
| droo-heh-ho                               | second (for dates) | flat                     | ces1016          |
|                                           |                    | rising                   | ces1017          |
|                                           |                    | falling                  | ces1018          |
| trzh-et-ee-ho                             | third (for dates)  | flat                     | ces1020          |
|                                           |                    | rising                   | ces1021          |
|                                           |                    | falling                  | ces1022          |
| chet-vert-eh-ho                           | fourth (for dates) | flat                     | ces1024          |
|                                           |                    | rising                   | ces1025          |
|                                           |                    | falling                  | ces1026          |
| pah-teh-ho                                | fifth (for dates)  | flat                     | ces1028          |
|                                           |                    | rising                   | ces1029          |
|                                           |                    | falling                  | ces1030          |

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| <b>Czech phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|------------------------|--------------------------|------------------|
| shes-teh-ho                               | sixth (for dates)      | flat                     | ces1032          |
|                                           |                        | rising                   | ces1033          |
|                                           |                        | falling                  | ces1034          |
| sed-meh-ho                                | seventh (for dates)    | flat                     | ces1036          |
|                                           |                        | rising                   | ces1037          |
|                                           |                        | falling                  | ces1038          |
| ausmeh-ho                                 | eighth (for dates)     | flat                     | ces1040          |
|                                           |                        | rising                   | ces1041          |
|                                           |                        | falling                  | ces1042          |
| deh-vah-teh-ho                            | ninth (for dates)      | flat                     | ces1044          |
|                                           |                        | rising                   | ces1045          |
|                                           |                        | falling                  | ces1046          |
| deh-sah-teh-ho                            | tenth (for dates)      | flat                     | ces1048          |
|                                           |                        | rising                   | ces1049          |
|                                           |                        | falling                  | ces1050          |
| yedenatsteho                              | eleventh (for dates)   | flat                     | ces1052          |
|                                           |                        | rising                   | ces1053          |
|                                           |                        | falling                  | ces1054          |
| dvanatsteho                               | twelfth (for dates)    | flat                     | ces1056          |
|                                           |                        | rising                   | ces1057          |
|                                           |                        | falling                  | ces1058          |
| trhiniatsteho                             | thirteenth (for dates) | flat                     | ces1060          |
|                                           |                        | rising                   | ces1061          |
|                                           |                        | falling                  | ces1062          |
| chtrnatsteho                              | fourteenth (for dates) | flat                     | ces1064          |
|                                           |                        | rising                   | ces1065          |
|                                           |                        | falling                  | ces1066          |

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| <b>Czech phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|---------------------------|--------------------------|------------------|
| patnatsteho                               | fifteenth (for dates)     | flat                     | ces1068          |
|                                           |                           | rising                   | ces1069          |
|                                           |                           | falling                  | ces1070          |
| shestnatsteho                             | sixteenth (for dates)     | flat                     | ces1072          |
|                                           |                           | rising                   | ces1073          |
|                                           |                           | falling                  | ces1074          |
| sedumnatsteho                             | seventeenth (for dates)   | flat                     | ces1076          |
|                                           |                           | rising                   | ces1077          |
|                                           |                           | falling                  | ces1078          |
| osumnatsteho                              | eighteenth<br>(for dates) | flat                     | ces1080          |
|                                           |                           | rising                   | ces1081          |
|                                           |                           | falling                  | ces1082          |
| devatenatsteho                            | nineteenth<br>(for dates) | flat                     | ces1084          |
|                                           |                           | rising                   | ces1085          |
|                                           |                           | falling                  | ces1086          |
| dvatsateho                                | twentieth<br>(for dates)  | flat                     | ces1088          |
|                                           |                           | rising                   | ces1089          |
|                                           |                           | falling                  | ces1090          |
| trhitsateho                               | thirtieth<br>(for dates)  | flat                     | ces1092          |
|                                           |                           | rising                   | ces1093          |
|                                           |                           | falling                  | ces1094          |
| ledna                                     | january                   | flat                     | ces1096          |
|                                           |                           | rising                   | ces1097          |
|                                           |                           | falling                  | ces1098          |
| oonora                                    | february                  | flat                     | ces1100          |
|                                           |                           | rising                   | ces1101          |
|                                           |                           | falling                  | ces1102          |

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| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| brhezna                                   | march          | flat                     | ces1104          |
|                                           |                | rising                   | ces1105          |
|                                           |                | falling                  | ces1106          |
| dubna                                     | april          | flat                     | ces1108          |
|                                           |                | rising                   | ces1109          |
|                                           |                | falling                  | ces1110          |
| kvyetena                                  | may            | flat                     | ces1112          |
|                                           |                | rising                   | ces1113          |
|                                           |                | falling                  | ces1114          |
| chervena                                  | june           | flat                     | ces1116          |
|                                           |                | rising                   | ces1117          |
|                                           |                | falling                  | ces1118          |
| chervenetsa                               | july           | flat                     | ces1120          |
|                                           |                | rising                   | ces1121          |
|                                           |                | falling                  | ces1122          |
| srpena                                    | august         | flat                     | ces1124          |
|                                           |                | rising                   | ces1125          |
|                                           |                | falling                  | ces1126          |
| rheeyena                                  | october        | flat                     | ces1128          |
|                                           |                | rising                   | ces1129          |
|                                           |                | falling                  | ces1130          |
| listopada                                 | november       | flat                     | ces1132          |
|                                           |                | rising                   | ces1133          |
|                                           |                | falling                  | ces1134          |
| prosinetsa                                | december       | flat                     | ces1136          |
|                                           |                | rising                   | ces1137          |
|                                           |                | falling                  | ces1138          |

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| <b>Czech phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|--------------------------|--------------------------|------------------|
| dvouh                                     | two                      | flat                     | ces1140          |
|                                           |                          | rising                   | ces1141          |
|                                           |                          | falling                  | ces1142          |
| trzhee                                    | three                    | flat                     | ces1144          |
|                                           |                          | rising                   | ces1145          |
|                                           |                          | falling                  | ces1146          |
| chetirz                                   | four                     | flat                     | ces1148          |
|                                           |                          | rising                   | ces1149          |
|                                           |                          | falling                  | ces1150          |
| pyeti                                     | five                     | flat                     | ces1152          |
|                                           |                          | rising                   | ces1153          |
|                                           |                          | falling                  | ces1154          |
| shesti                                    | six                      | flat                     | ces1156          |
|                                           |                          | rising                   | ces1157          |
|                                           |                          | falling                  | ces1158          |
| sedmi                                     | seven                    | flat                     | ces1160          |
|                                           |                          | rising                   | ces1161          |
|                                           |                          | falling                  | ces1162          |
| osmi                                      | eight                    | flat                     | ces1164          |
|                                           |                          | rising                   | ces1165          |
|                                           |                          | falling                  | ces1166          |
| devee                                     | nine                     | flat                     | ces1168          |
|                                           |                          | rising                   | ces1169          |
|                                           |                          | falling                  | ces1170          |
| poolnots                                  | midnight<br>(00:00 a.m.) | flat                     | ces1172          |
|                                           |                          | rising                   | ces1173          |
|                                           |                          | falling                  | ces1174          |

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| <b>Czech phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|---------------------------|--------------------------|------------------|
| po poolnotsi                              | after midnight            | flat                     | ces1176          |
|                                           | (00:01 a.m. to 00:59a.m.) | rising                   | ces1177          |
|                                           |                           | falling                  | ces1178          |
| ranho                                     | morning                   | flat                     | ces1180          |
|                                           | (1:00 a.m. to 11:00 a.m.) | rising                   | ces1181          |
|                                           |                           | falling                  | ces1182          |
| poledne                                   | noon                      | flat                     | ces1184          |
|                                           | (12:00 p.m.)              | rising                   | ces1185          |
|                                           |                           | falling                  | ces1186          |
| odpoledne                                 | afternoon                 | flat                     | ces1188          |
|                                           | (12:01 p.m. to 4:00 p.m.) | rising                   | ces1189          |
|                                           |                           | falling                  | ces1190          |
| vecher                                    | evening                   | flat                     | ces1192          |
|                                           | (5:00 p.m. to 7:00 p.m.)  | rising                   | ces1193          |
|                                           |                           | falling                  | ces1194          |
| v notsi                                   | night                     | flat                     | ces1196          |
|                                           | (8:00 p.m. to 11:00 p.m.) | rising                   | ces1197          |
|                                           |                           | falling                  | ces1198          |
| druha                                     | second                    | flat                     | ces1500          |
|                                           | (fem)                     | rising                   | ces1501          |
|                                           |                           | falling                  | ces1502          |
| chtvrta                                   | fourth                    | flat                     | ces1504          |
|                                           | (fem)                     | rising                   | ces1505          |
|                                           |                           | falling                  | ces1506          |
| pata                                      | fifth                     | flat                     | ces1508          |
|                                           | (fem)                     | rising                   | ces1509          |
|                                           |                           | falling                  | ces1510          |

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| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| shesta                                    | sixth          | flat                     | ces1512          |
|                                           | (fem)          | rising                   | ces1513          |
|                                           |                | falling                  | ces1514          |
| sedma                                     | seventh        | flat                     | ces1516          |
|                                           | (fem)          | rising                   | ces1517          |
|                                           |                | falling                  | ces1518          |
| osma                                      | eighth         | flat                     | ces1520          |
|                                           | (fem)          | rising                   | ces1521          |
|                                           |                | falling                  | ces1522          |
| devata                                    | ninth          | flat                     | ces1524          |
|                                           | (fem)          | rising                   | ces1525          |
|                                           |                | falling                  | ces1526          |
| desata                                    | tenth          | flat                     | ces1528          |
|                                           | (fem)          | rising                   | ces1529          |
|                                           |                | falling                  | ces1530          |
| yedenatsta                                | eleventh       | flat                     | ces1532          |
|                                           | (fem)          | rising                   | ces1533          |
|                                           |                | falling                  | ces1534          |
| dvanatsta                                 | twelfth        | flat                     | ces1536          |
|                                           | (fem)          | rising                   | ces1537          |
|                                           |                | falling                  | ces1538          |
| trhinatsta                                | thirteenth     | flat                     | ces1540          |
|                                           | (fem)          | rising                   | ces1541          |
|                                           |                | falling                  | ces1542          |
| chtrnatsta                                | fourteenth     | flat                     | ces1544          |
|                                           | (fem)          | rising                   | ces1545          |
|                                           |                | falling                  | ces1546          |

**Czech audio (Sheet 34 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| patnatsta                                 | fifteenth      | flat                     | ces1548          |
|                                           | (fem)          | rising                   | ces1549          |
|                                           |                | falling                  | ces1550          |
| shestnatsta                               | sixteenth      | flat                     | ces1552          |
|                                           | (fem)          | rising                   | ces1553          |
|                                           |                | falling                  | ces1554          |
| sedumnatsta                               | seventeenth    | flat                     | ces1556          |
|                                           | (fem)          | rising                   | ces1557          |
|                                           |                | falling                  | ces1558          |
| osumnatsta                                | eighteenth     | flat                     | ces1560          |
|                                           | (fem)          | rising                   | ces1561          |
|                                           |                | falling                  | ces1562          |
| devatenatsta                              | nineteenth     | flat                     | ces1564          |
|                                           | (fem)          | rising                   | ces1565          |
|                                           |                | falling                  | ces1566          |
| dvatsata                                  | twentieth      | flat                     | ces1568          |
|                                           | (fem)          | rising                   | ces1569          |
|                                           |                | falling                  | ces1570          |
| trhitsata                                 | thirtieth      | flat                     | ces1572          |
|                                           | (fem)          | rising                   | ces1573          |
|                                           |                | falling                  | ces1574          |
| chtyrhitsata                              | fortieth       | flat                     | ces1576          |
|                                           | (fem)          | rising                   | ces1577          |
|                                           |                | falling                  | ces1578          |
| padeasata                                 | fiftieth       | flat                     | ces1580          |
|                                           | (fem)          | rising                   | ces1581          |
|                                           |                | falling                  | ces1582          |

**Czech audio (Sheet 35 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| shedesata                                 | sixtieth       | flat                     | ces1584          |
|                                           | (fem)          | rising                   | ces1585          |
|                                           |                | falling                  | ces1586          |
| sedumdesata                               | seventieth     | flat                     | ces1588          |
|                                           | (fem)          | rising                   | ces1589          |
|                                           |                | falling                  | ces1590          |
| osumdesata                                | eightieth      | flat                     | ces1592          |
|                                           | (fem)          | rising                   | ces1593          |
|                                           |                | falling                  | ces1594          |
| devadesata                                | ninetieth      | flat                     | ces1596          |
|                                           | (fem)          | rising                   | ces1597          |
|                                           |                | falling                  | ces1598          |
| sta                                       | hundredth      | flat                     | ces1600          |
|                                           | (fem)          | rising                   | ces1601          |
|                                           |                | falling                  | ces1602          |
| tiseetsa                                  | thousandth     | flat                     | ces1604          |
|                                           | (fem)          | rising                   | ces1605          |
|                                           |                | falling                  | ces1606          |
| milionta                                  | millionth      | flat                     | ces1608          |
|                                           | (fem)          | rising                   | ces1609          |
|                                           |                | falling                  | ces1610          |
| miliardta                                 | billionth      | flat                     | ces1612          |
|                                           | (fem)          | rising                   | ces1613          |
|                                           |                | falling                  | ces1614          |
| druhae                                    | second         | flat                     | ces1616          |
|                                           | (neuter)       | rising                   | ces1617          |
|                                           |                | falling                  | ces1618          |

**Czech audio (Sheet 36 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b>       | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------------|--------------------------|------------------|
| chvrtae                                   | fourth<br>(neuter)   | flat                     | ces1620          |
|                                           |                      | rising                   | ces1621          |
|                                           |                      | falling                  | ces1622          |
| patae                                     | fifth<br>(neuter)    | flat                     | ces1624          |
|                                           |                      | rising                   | ces1625          |
|                                           |                      | falling                  | ces1626          |
| shetae                                    | sixth<br>(neuter)    | flat                     | ces1628          |
|                                           |                      | rising                   | ces1629          |
|                                           |                      | falling                  | ces1630          |
| sedmae                                    | seventh<br>(neuter)  | flat                     | ces1632          |
|                                           |                      | rising                   | ces1633          |
|                                           |                      | falling                  | ces1634          |
| osmae                                     | eighth<br>(neuter)   | flat                     | ces1636          |
|                                           |                      | rising                   | ces1637          |
|                                           |                      | falling                  | ces1638          |
| devatae                                   | ninth<br>(neuter)    | flat                     | ces1640          |
|                                           |                      | rising                   | ces1641          |
|                                           |                      | falling                  | ces1642          |
| desatae                                   | tenth<br>(neuter)    | flat                     | ces1644          |
|                                           |                      | rising                   | ces1645          |
|                                           |                      | falling                  | ces1646          |
| yedenatstae                               | eleventh<br>(neuter) | flat                     | ces1648          |
|                                           |                      | rising                   | ces1649          |
|                                           |                      | falling                  | ces1650          |
| dvanatstae                                | twelfth<br>(neuter)  | flat                     | ces1652          |
|                                           |                      | rising                   | ces1653          |
|                                           |                      | falling                  | ces1654          |

## Czech audio (Sheet 37 of 39)

| Czech phrase or English equivalent | English                 | Phrase intonation | File name |
|------------------------------------|-------------------------|-------------------|-----------|
| trhinatstae                        | thirteenth<br>(neuter)  | flat              | ces1656   |
|                                    |                         | rising            | ces1657   |
|                                    |                         | falling           | ces1658   |
| chtrnatstae                        | fourteenth<br>(neuter)  | flat              | ces1660   |
|                                    |                         | rising            | ces1661   |
|                                    |                         | falling           | ces1662   |
| patnatstae                         | fifteenth<br>(neuter)   | flat              | ces1664   |
|                                    |                         | rising            | ces1665   |
|                                    |                         | falling           | ces1666   |
| shestnatstae                       | sixteenth<br>(neuter)   | flat              | ces1668   |
|                                    |                         | rising            | ces1669   |
|                                    |                         | falling           | ces1670   |
| sedumnatstae                       | seventeenth<br>(neuter) | flat              | ces1672   |
|                                    |                         | rising            | ces1673   |
|                                    |                         | falling           | ces1674   |
| osumnatstae                        | eighteenth<br>(neuter)  | flat              | ces1676   |
|                                    |                         | rising            | ces1677   |
|                                    |                         | falling           | ces1678   |
| devatenatstae                      | nineteenth<br>(neuter)  | flat              | ces1680   |
|                                    |                         | rising            | ces1681   |
|                                    |                         | falling           | ces1682   |
| dvatsatae                          | twentieth<br>(neuter)   | flat              | ces1684   |
|                                    |                         | rising            | ces1685   |
|                                    |                         | falling           | ces1686   |
| trhisatae                          | thirtieth<br>(neuter)   | flat              | ces1688   |
|                                    |                         | rising            | ces1689   |
|                                    |                         | falling           | ces1690   |

**Czech audio (Sheet 38 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|------------------------|--------------------------|------------------|
| chtyrhitsatae                             | fortieth<br>(neuter)   | flat                     | ces1692          |
|                                           |                        | rising                   | ces1693          |
|                                           |                        | falling                  | ces1694          |
| padesatae                                 | fiftieth<br>(neuter)   | flat                     | ces1696          |
|                                           |                        | rising                   | ces1697          |
|                                           |                        | falling                  | ces1698          |
| shedesatae                                | sixtieth<br>(neuter)   | flat                     | ces1700          |
|                                           |                        | rising                   | ces1701          |
|                                           |                        | falling                  | ces1702          |
| sedumdesatae                              | seventieth<br>(neuter) | flat                     | ces1704          |
|                                           |                        | rising                   | ces1705          |
|                                           |                        | falling                  | ces1706          |
| osumdesatae                               | eightieth<br>(neuter)  | flat                     | ces1708          |
|                                           |                        | rising                   | ces1709          |
|                                           |                        | falling                  | ces1710          |
| devadesatae                               | ninetieth<br>(neuter)  | flat                     | ces1712          |
|                                           |                        | rising                   | ces1713          |
|                                           |                        | falling                  | ces1714          |
| stae                                      | hundredth<br>(neuter)  | flat                     | ces1716          |
|                                           |                        | rising                   | ces1717          |
|                                           |                        | falling                  | ces1718          |
| tiseetsae                                 | thousandth<br>(neuter) | flat                     | ces1720          |
|                                           |                        | rising                   | ces1721          |
|                                           |                        | falling                  | ces1722          |

**Czech audio (Sheet 39 of 39)**

| <b>Czech phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-----------------------|--------------------------|------------------|
| miliontae                                 | millionth<br>(neuter) | flat                     | ces1724          |
|                                           |                       | rising                   | ces1725          |
|                                           |                       | falling                  | ces1726          |
| miliardtae                                | billionth<br>(neuter) | flat                     | ces1728          |
|                                           |                       | rising                   | ces1729          |
|                                           |                       | falling                  | ces1730          |

## English audio files

**Note 1:** Use audio file names eng508-eng610 for the multilanguage strings functionality. Recording of this audio is optional and the content of the recording can be any word. This audio is required when the string functionality is used.

**Note 2:** Record audio file names eng1200-eng1486 if the user provisions audio for this particular occurrence.

### English audio (Sheet 1 of 22)

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| zero           | flat              | eng0      |
|                | rising            | eng1      |
|                | falling           | eng2      |
| o              | flat              | eng4      |
|                | rising            | eng5      |
|                | falling           | eng6      |
| one            | flat              | eng8      |
|                | rising            | eng9      |
|                | falling           | eng10     |
| two            | flat              | eng12     |
|                | rising            | eng13     |
|                | falling           | eng14     |
| three          | flat              | eng16     |
|                | rising            | eng17     |
|                | falling           | eng18     |
| four           | flat              | eng20     |
|                | rising            | eng21     |
|                | falling           | eng22     |

**English audio (Sheet 2 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| five           | flat              | eng24     |
|                | rising            | eng25     |
|                | falling           | eng26     |
| six            | flat              | eng28     |
|                | rising            | eng29     |
|                | falling           | eng30     |
| seven          | flat              | eng32     |
|                | rising            | eng33     |
|                | falling           | eng34     |
| eight          | flat              | eng36     |
|                | rising            | eng37     |
|                | falling           | eng38     |
| nine           | flat              | eng40     |
|                | rising            | eng41     |
|                | falling           | eng42     |
| ten            | flat              | eng56     |
|                | rising            | eng57     |
|                | falling           | eng58     |
| eleven         | flat              | eng60     |
|                | rising            | eng61     |
|                | falling           | eng62     |
| twelve         | flat              | eng64     |
|                | rising            | eng65     |
|                | falling           | eng66     |
| thirteen       | flat              | eng68     |
|                | rising            | eng69     |
|                | falling           | eng70     |

**English audio (Sheet 3 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| fourteen       | flat              | eng72     |
|                | rising            | eng73     |
|                | falling           | eng74     |
| fifteen        | flat              | eng76     |
|                | rising            | eng77     |
|                | falling           | eng78     |
| sixteen        | flat              | eng80     |
|                | rising            | eng81     |
|                | falling           | eng82     |
| seventeen      | flat              | eng84     |
|                | rising            | eng85     |
|                | falling           | eng86     |
| eighteen       | flat              | eng88     |
|                | rising            | eng89     |
|                | falling           | eng90     |
| nineteen       | flat              | eng92     |
|                | rising            | eng93     |
|                | falling           | eng94     |
| twenty         | flat              | eng96     |
|                | rising            | eng97     |
|                | falling           | eng98     |
| thirty         | flat              | eng100    |
|                | rising            | eng101    |
|                | falling           | eng102    |
| forty          | flat              | eng104    |
|                | rising            | eng105    |
|                | falling           | eng106    |

**English audio (Sheet 4 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| fifty          | flat              | eng108    |
|                | rising            | eng109    |
|                | falling           | eng110    |
| sixty          | flat              | eng112    |
|                | rising            | eng113    |
|                | falling           | eng114    |
| seventy        | flat              | eng116    |
|                | rising            | eng117    |
|                | falling           | eng118    |
| eighty         | flat              | eng120    |
|                | rising            | eng121    |
|                | falling           | eng122    |
| ninety         | flat              | eng124    |
|                | rising            | eng125    |
|                | falling           | eng126    |
| hundred        | flat              | eng44     |
|                | rising            | eng45     |
|                | falling           | eng46     |
| one-hundred    | flat              | eng132    |
|                | rising            | eng133    |
|                | falling           | eng134    |
| two-hundred    | flat              | eng136    |
|                | rising            | eng137    |
|                | falling           | eng138    |
| three-hundred  | flat              | eng140    |
|                | rising            | eng141    |
|                | falling           | eng142    |

**English audio (Sheet 5 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| four-hundred   | flat              | eng144    |
|                | rising            | eng145    |
|                | falling           | eng146    |
| five-hundred   | flat              | eng148    |
|                | rising            | eng149    |
|                | falling           | eng150    |
| six-hundred    | flat              | eng152    |
|                | rising            | eng153    |
|                | falling           | eng154    |
| seven-hundred  | flat              | eng156    |
|                | rising            | eng157    |
|                | falling           | eng158    |
| eight-hundred  | flat              | eng160    |
|                | rising            | eng161    |
|                | falling           | eng162    |
| nine-hundred   | flat              | eng164    |
|                | rising            | eng165    |
|                | falling           | eng166    |
| thousand       | flat              | eng496    |
|                | rising            | eng497    |
|                | falling           | eng498    |
| million        | flat              | eng500    |
|                | rising            | eng501    |
|                | falling           | eng502    |
| billion        | flat              | eng504    |
|                | rising            | eng505    |
|                | falling           | eng506    |

**English audio (Sheet 6 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| a              | flat              | eng508    |
|                | rising            | eng509    |
|                | falling           | eng510    |
| b              | flat              | eng512    |
|                | rising            | eng513    |
|                | falling           | eng514    |
| c              | flat              | eng516    |
|                | rising            | eng517    |
|                | falling           | eng518    |
| d              | flat              | eng520    |
|                | rising            | eng521    |
|                | falling           | eng522    |
| e              | flat              | eng524    |
|                | rising            | eng525    |
|                | falling           | eng526    |
| f              | flat              | eng528    |
|                | rising            | eng529    |
|                | falling           | eng530    |
| g              | flat              | eng532    |
|                | rising            | eng533    |
|                | falling           | eng534    |
| h              | flat              | eng536    |
|                | rising            | eng537    |
|                | falling           | eng538    |
| i              | flat              | eng540    |
|                | rising            | eng541    |
|                | falling           | eng542    |

**English audio (Sheet 7 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| j              | flat              | eng544    |
|                | rising            | eng545    |
|                | falling           | eng546    |
| k              | flat              | eng548    |
|                | rising            | eng549    |
|                | falling           | eng550    |
| l              | flat              | eng552    |
|                | rising            | eng553    |
|                | falling           | eng554    |
| m              | flat              | eng556    |
|                | rising            | eng557    |
|                | falling           | eng558    |
| n              | flat              | eng560    |
|                | rising            | eng561    |
|                | falling           | eng562    |
| o              | flat              | eng564    |
|                | rising            | eng565    |
|                | falling           | eng566    |
| p              | flat              | eng568    |
|                | rising            | eng569    |
|                | falling           | eng570    |
| q              | flat              | eng572    |
|                | rising            | eng573    |
|                | falling           | eng574    |
| r              | flat              | eng576    |
|                | rising            | eng577    |
|                | falling           | eng578    |

**English audio (Sheet 8 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| s              | flat              | eng580    |
|                | rising            | eng581    |
|                | falling           | eng582    |
| t              | flat              | eng584    |
|                | rising            | eng585    |
|                | falling           | eng586    |
| u              | flat              | eng588    |
|                | rising            | eng589    |
|                | falling           | eng590    |
| v              | flat              | eng592    |
|                | rising            | eng593    |
|                | falling           | eng594    |
| w              | flat              | eng596    |
|                | rising            | eng597    |
|                | falling           | eng598    |
| x              | flat              | eng600    |
|                | rising            | eng601    |
|                | falling           | eng602    |
| y              | flat              | eng604    |
|                | rising            | eng605    |
|                | falling           | eng606    |
| z              | flat              | eng608    |
|                | rising            | eng609    |
|                | falling           | eng610    |
| negative       | flat              | eng616    |
|                | rising            | eng617    |
|                | falling           | eng618    |

**English audio (Sheet 9 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| and            | flat              | eng620    |
|                | rising            | eng621    |
|                | falling           | eng622    |
| hour           | flat              | eng624    |
|                | rising            | eng625    |
|                | falling           | eng626    |
| hours          | flat              | eng628    |
|                | rising            | eng629    |
|                | falling           | eng630    |
| minute         | flat              | eng632    |
|                | rising            | eng633    |
|                | falling           | eng634    |
| minutes        | flat              | eng636    |
|                | rising            | eng637    |
|                | falling           | eng638    |
| second         | flat              | eng640    |
|                | rising            | eng641    |
|                | falling           | eng642    |
| seconds        | flat              | eng644    |
|                | rising            | eng645    |
|                | falling           | eng646    |
| January        | flat              | eng648    |
|                | rising            | eng649    |
|                | falling           | eng650    |
| February       | flat              | eng652    |
|                | rising            | eng653    |
|                | falling           | eng654    |

**English audio (Sheet 10 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| March          | flat              | eng656    |
|                | rising            | eng657    |
|                | falling           | eng658    |
| April          | flat              | eng660    |
|                | rising            | eng661    |
|                | falling           | eng662    |
| May            | flat              | eng664    |
|                | rising            | eng665    |
|                | falling           | eng666    |
| June           | flat              | eng668    |
|                | rising            | eng669    |
|                | falling           | eng670    |
| July           | flat              | eng672    |
|                | rising            | eng673    |
|                | falling           | eng674    |
| August         | flat              | eng676    |
|                | rising            | eng677    |
|                | falling           | eng678    |
| September      | flat              | eng680    |
|                | rising            | eng681    |
|                | falling           | eng682    |
| October        | flat              | eng684    |
|                | rising            | eng685    |
|                | falling           | eng686    |
| November       | flat              | eng688    |
|                | rising            | eng689    |
|                | falling           | eng690    |

**English audio (Sheet 11 of 22)**

| English phrase         | Phrase intonation | File name |
|------------------------|-------------------|-----------|
| December               | flat              | eng692    |
|                        | rising            | eng693    |
|                        | falling           | eng694    |
| Sunday                 | flat              | eng696    |
|                        | rising            | eng697    |
|                        | falling           | eng698    |
| Monday                 | flat              | eng700    |
|                        | rising            | eng701    |
|                        | falling           | eng702    |
| Tuesday                | flat              | eng704    |
|                        | rising            | eng705    |
|                        | falling           | eng706    |
| Wednesday              | flat              | eng708    |
|                        | rising            | eng709    |
|                        | falling           | eng710    |
| Thursday               | flat              | eng712    |
|                        | rising            | eng713    |
|                        | falling           | eng714    |
| Friday                 | flat              | eng716    |
|                        | rising            | eng717    |
|                        | falling           | eng718    |
| Saturday               | flat              | eng720    |
|                        | rising            | eng721    |
|                        | falling           | eng722    |
| first (ordinal number) | flat              | eng728    |
|                        | rising            | eng729    |
|                        | falling           | eng730    |

**English audio (Sheet 12 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| second         | flat              | eng732    |
|                | rising            | eng733    |
|                | falling           | eng734    |
| third          | flat              | eng736    |
|                | rising            | eng737    |
|                | falling           | eng738    |
| fourth         | flat              | eng740    |
|                | rising            | eng741    |
|                | falling           | eng742    |
| fifth          | flat              | eng744    |
|                | rising            | eng745    |
|                | falling           | eng746    |
| sixth          | flat              | eng748    |
|                | rising            | eng749    |
|                | falling           | eng750    |
| seventh        | flat              | eng752    |
|                | rising            | eng753    |
|                | falling           | eng754    |
| eighth         | flat              | eng756    |
|                | rising            | eng757    |
|                | falling           | eng758    |
| ninth          | flat              | eng760    |
|                | rising            | eng761    |
|                | falling           | eng762    |
| tenth          | flat              | eng764    |
|                | rising            | eng765    |
|                | falling           | eng766    |

**English audio (Sheet 13 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| eleventh       | flat              | eng768    |
|                | rising            | eng769    |
|                | falling           | eng770    |
| twelfth        | flat              | eng772    |
|                | rising            | eng773    |
|                | falling           | eng774    |
| thirteenth     | flat              | eng776    |
|                | rising            | eng777    |
|                | falling           | eng778    |
| fourteenth     | flat              | eng780    |
|                | rising            | eng781    |
|                | falling           | eng782    |
| fifteenth      | flat              | eng784    |
|                | rising            | eng785    |
|                | falling           | eng786    |
| sixteenth      | flat              | eng788    |
|                | rising            | eng789    |
|                | falling           | eng790    |
| seventeenth    | flat              | eng792    |
|                | rising            | eng793    |
|                | falling           | eng794    |
| eighteenth     | flat              | eng796    |
|                | rising            | eng797    |
|                | falling           | eng798    |
| nineteenth     | flat              | eng800    |
|                | rising            | eng801    |
|                | falling           | eng802    |

**English audio (Sheet 14 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| twentieth      | flat              | eng804    |
|                | rising            | eng805    |
|                | falling           | eng806    |
| thirtieth      | flat              | eng808    |
|                | rising            | eng809    |
|                | falling           | eng810    |
| fortieth       | flat              | eng812    |
|                | rising            | eng813    |
|                | falling           | eng814    |
| fiftieth       | flat              | eng816    |
|                | rising            | eng817    |
|                | falling           | eng818    |
| sixtieth       | flat              | eng820    |
|                | rising            | eng821    |
|                | falling           | eng822    |
| seventieth     | flat              | eng824    |
|                | rising            | eng825    |
|                | falling           | eng826    |
| eightieth      | flat              | eng828    |
|                | rising            | eng829    |
|                | falling           | eng830    |
| ninetieth      | flat              | eng832    |
|                | rising            | eng833    |
|                | falling           | eng834    |
| one-hundredth  | flat              | eng836    |
|                | rising            | eng837    |
|                | falling           | eng838    |

**English audio (Sheet 15 of 22)**

| English phrase  | Phrase intonation | File name |
|-----------------|-------------------|-----------|
| two-hundredth   | flat              | eng840    |
|                 | rising            | eng841    |
|                 | falling           | eng842    |
| three-hundredth | flat              | eng844    |
|                 | rising            | eng845    |
|                 | falling           | eng846    |
| four-hundredth  | flat              | eng848    |
|                 | rising            | eng849    |
|                 | falling           | eng850    |
| five-hundredth  | flat              | eng852    |
|                 | rising            | eng853    |
|                 | falling           | eng854    |
| six-hundredth   | flat              | eng856    |
|                 | rising            | eng857    |
|                 | falling           | eng858    |
| seven-hundredth | flat              | eng860    |
|                 | rising            | eng861    |
|                 | falling           | eng862    |
| eight-hundredth | flat              | eng864    |
|                 | rising            | eng865    |
|                 | falling           | eng866    |
| nine-hundredth  | flat              | eng868    |
|                 | rising            | eng869    |
|                 | falling           | eng870    |
| thousandth      | flat              | eng872    |
|                 | rising            | eng873    |
|                 | falling           | eng874    |

**English audio (Sheet 16 of 22)**

| English phrase  | Phrase intonation | File name |
|-----------------|-------------------|-----------|
| millionth       | flat              | eng880    |
|                 | rising            | eng881    |
|                 | falling           | eng882    |
| billionth       | flat              | eng888    |
|                 | rising            | eng889    |
|                 | falling           | eng890    |
| pound (#)       | flat              | eng896    |
|                 | rising            | eng897    |
|                 | falling           | eng898    |
| star (*)        | flat              | eng900    |
|                 | rising            | eng901    |
|                 | falling           | eng902    |
| a.m.            | flat              | eng908    |
|                 | rising            | eng909    |
|                 | falling           | eng910    |
| p.m.            | flat              | eng912    |
|                 | rising            | eng913    |
|                 | falling           | eng914    |
| dollar<br>(US)  | flat              | eng1200   |
|                 | rising            | eng1201   |
|                 | falling           | eng1202   |
| dollars<br>(US) | flat              | eng1204   |
|                 | rising            | eng1205   |
|                 | falling           | eng1206   |
| cent<br>(US)    | flat              | eng1208   |
|                 | rising            | eng1209   |
|                 | falling           | eng1210   |

**English audio (Sheet 17 of 22)**

| <b>English phrase</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-----------------------|--------------------------|------------------|
| cents                 | flat                     | eng1212          |
| (US)                  | rising                   | eng1213          |
|                       | falling                  | eng1214          |
| mark                  | flat                     | eng1216          |
| (German)              | rising                   | eng1217          |
|                       | falling                  | eng1218          |
| marks                 | flat                     | eng1220          |
| (German)              | rising                   | eng1221          |
|                       | falling                  | eng1222          |
| pfennig               | flat                     | eng1224          |
| (German)              | rising                   | eng1225          |
|                       | falling                  | eng1226          |
| pfennigs              | flat                     | eng1228          |
| (German)              | rising                   | eng1229          |
|                       | falling                  | eng1230          |
| yen                   | flat                     | eng1232          |
| (Japan)               | rising                   | eng1233          |
|                       | falling                  | eng1234          |
| lira                  | flat                     | eng1240          |
| (Italy)               | rising                   | eng1241          |
|                       | falling                  | eng1242          |
| guilder               | flat                     | eng1248          |
| (Netherlands)         | rising                   | eng1249          |
|                       | falling                  | eng1250          |
| guilders              | flat                     | eng1252          |
| (Netherlands)         | rising                   | eng1253          |
|                       | falling                  | eng1254          |

**English audio (Sheet 18 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| cent           | flat              | eng1256   |
| (Netherlands)  | rising            | eng1257   |
|                | falling           | eng1258   |
| cents          | flat              | eng1260   |
| (Netherlands)  | rising            | eng1261   |
|                | falling           | eng1262   |
| pound          | flat              | eng1264   |
| (British)      | rising            | eng1265   |
|                | falling           | eng1266   |
| pence          | flat              | eng1276   |
| (British)      | rising            | eng1277   |
|                | falling           | eng1278   |
| euro           | flat              | eng1280   |
|                | rising            | eng1281   |
|                | falling           | eng1282   |
| euros          | flat              | eng1284   |
|                | rising            | eng1285   |
|                | falling           | eng1286   |
| eurocent       | flat              | eng1288   |
|                | rising            | eng1289   |
|                | falling           | eng1290   |
| eurocents      | flat              | eng1292   |
|                | rising            | eng1293   |
|                | falling           | eng1294   |
| franc          | flat              | eng1296   |
| (France)       | rising            | eng1297   |
|                | falling           | eng1298   |

**English audio (Sheet 19 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| francs         | flat              | eng1300   |
| (France)       | rising            | eng1301   |
|                | falling           | eng1302   |
| centime        | flat              | eng1308   |
| (France)       | rising            | eng1309   |
|                | falling           | eng1310   |
| peseta         | flat              | eng1312   |
| (Spain)        | rising            | eng1313   |
|                | falling           | eng1314   |
| pesetas        | flat              | eng1316   |
| (Spain)        | rising            | eng1317   |
|                | falling           | eng1318   |
| peso           | flat              | eng1328   |
| (Philippines)  | rising            | eng1329   |
|                | falling           | eng1330   |
| centavo        | flat              | eng1336   |
| (Philippines)  | rising            | eng1337   |
|                | falling           | eng1338   |
| centavos       | flat              | eng1340   |
| (Philippines)  | rising            | eng1341   |
|                | falling           | eng1342   |
| ringgit        | flat              | eng1344   |
| (Malaysia)     | rising            | eng1345   |
|                | falling           | eng1346   |
| sen            | flat              | eng1352   |
| (Malaysia)     | rising            | eng1353   |
|                | falling           | eng1354   |

**English audio (Sheet 20 of 22)**

| English phrase | Phrase intonation | File name |
|----------------|-------------------|-----------|
| baht           | flat              | eng1360   |
| (Thailand)     | rising            | eng1361   |
|                | falling           | eng1362   |
| satang         | flat              | eng1368   |
| (Thailand)     | rising            | eng1369   |
|                | falling           | eng1370   |
| won            | flat              | eng1376   |
| (Korea)        | rising            | eng1377   |
|                | falling           | eng1378   |
| franc          | flat              | eng1384   |
| (Belgium)      | rising            | eng1385   |
|                | falling           | eng1386   |
| francs         | flat              | eng1388   |
| (Belgium)      | rising            | eng1389   |
|                | falling           | eng1390   |
| centime        | flat              | eng1392   |
| (Belgium)      | rising            | eng1393   |
|                | falling           | eng1394   |
| dollar         | flat              | eng1400   |
| (Canada)       | rising            | eng1401   |
|                | falling           | eng1402   |
| dollars        | flat              | eng1404   |
| (Canada)       | rising            | eng1405   |
|                | falling           | eng1406   |
| cent           | flat              | eng1408   |
| (Canada)       | rising            | eng1409   |
|                | falling           | eng1410   |

**English audio (Sheet 21 of 22)**

| <b>English phrase</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-----------------------|--------------------------|------------------|
| cents                 | flat                     | eng1412          |
| (Canada)              | rising                   | eng1413          |
|                       | falling                  | eng1414          |
| dollar                | flat                     | eng1416          |
| (Hong Kong)           | rising                   | eng1417          |
|                       | falling                  | eng1418          |
| dollars               | flat                     | eng1420          |
| (Hong Kong)           | rising                   | eng1421          |
|                       | falling                  | eng1422          |
| cent                  | flat                     | eng1424          |
| (Hong Kong)           | rising                   | eng1425          |
|                       | falling                  | eng1426          |
| cents                 | flat                     | eng1428          |
| (Hong Kong)           | rising                   | eng1429          |
|                       | falling                  | eng1430          |
| gok                   | flat                     | eng1488          |
| (Hong Kong)           | rising                   | eng1489          |
|                       | falling                  | eng1490          |
| goks                  | flat                     | eng1492          |
| (Hong Kong)           | rising                   | eng1493          |
|                       | falling                  | eng1494          |
| escudo                | flat                     | eng1432          |
| (Portugal)            | rising                   | eng1433          |
|                       | falling                  | eng1434          |
| escudos               | flat                     | eng1436          |
| (Portugal)            | rising                   | eng1437          |
|                       | falling                  | eng1438          |

**English audio (Sheet 22 of 22)**

| English phrase        | Phrase intonation | File name |
|-----------------------|-------------------|-----------|
| centavo               | flat              | eng1440   |
| (Portugal)            | rising            | eng1441   |
|                       | falling           | eng1442   |
| centavos              | flat              | eng1444   |
| (Portugal)            | rising            | eng1445   |
|                       | falling           | eng1446   |
| yuan renminbi (China) | flat              | eng1448   |
|                       | rising            | eng1449   |
|                       | falling           | eng1450   |
| jiao                  | flat              | eng1456   |
| (China)               | rising            | eng1457   |
|                       | falling           | eng1458   |
| fen                   | flat              | eng1464   |
| (China)               | rising            | eng1465   |
|                       | falling           | eng1466   |
| pound                 | flat              | eng1472   |
| (Ireland)             | rising            | eng1473   |
|                       | falling           | eng1474   |
| pounds                | flat              | eng1476   |
| (Ireland)             | rising            | eng1477   |
|                       | falling           | eng1478   |
| pence                 | flat              | eng1484   |
| (Ireland)             | rising            | eng1485   |
|                       | falling           | eng1486   |

## French audio files

**Note 1:** Audio file names fra508–fra610 are optional. Only record the files when the user provisions the string functionality on the system.

**Note 2:** Record audio file names fra1200–fra1476 if you provision currency on the system.

**Note 3:** French does not have a 12-hour format or an equivalent to the English a.m. and p.m. The flexibility of the UAS software allows the user to provision 12-hour time on the system. Audio file names fra908–fra1526 are required if you provision 12-hour format.

### French audio (Sheet 1 of 25)

| French phrase or English equivalent | English                  | Phrase intonation | File name |
|-------------------------------------|--------------------------|-------------------|-----------|
| ze'ro                               | zero                     | flat              | fra0      |
|                                     |                          | rising            | fra1      |
|                                     |                          | falling           | fra2      |
| un                                  | one<br>(masculine)       | flat              | fra8      |
|                                     |                          | rising            | fra9      |
|                                     |                          | falling           | fra10     |
| une                                 | one<br>(feminine)        | flat              | fra1504   |
|                                     |                          | rising            | fra1505   |
|                                     |                          | falling           | fra1506   |
| "et un"                             | "and one"<br>(masculine) | flat              | fra1508   |
|                                     |                          | rising            | fra1509   |
|                                     |                          | falling           | fra1510   |
| "et une"                            | "and one"<br>(feminine)  | flat              | fra1512   |
|                                     |                          | rising            | fra1513   |
|                                     |                          | falling           | fra1514   |
| deux                                | two                      | flat              | fra12     |
|                                     |                          | rising            | fra13     |
|                                     |                          | falling           | fra14     |

**French audio (Sheet 2 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| trois                                      | three          | flat                     | fra16            |
|                                            |                | rising                   | fra17            |
|                                            |                | falling                  | fra18            |
| quatre                                     | four           | flat                     | fra20            |
|                                            |                | rising                   | fra21            |
|                                            |                | falling                  | fra22            |
| cinq                                       | five           | flat                     | fra24            |
|                                            |                | rising                   | fra25            |
|                                            |                | falling                  | fra26            |
| six                                        | six            | flat                     | fra28            |
|                                            |                | rising                   | fra29            |
|                                            |                | falling                  | fra30            |
| sept                                       | seven          | flat                     | fra32            |
|                                            |                | rising                   | fra33            |
|                                            |                | falling                  | fra34            |
| huit                                       | eight          | flat                     | fra36            |
|                                            |                | rising                   | fra37            |
|                                            |                | falling                  | fra38            |
| neuf                                       | nine           | flat                     | fra40            |
|                                            |                | rising                   | fra41            |
|                                            |                | falling                  | fra42            |
| dix                                        | ten            | flat                     | fra56            |
|                                            |                | rising                   | fra57            |
|                                            |                | falling                  | fra58            |
| onze                                       | eleven         | flat                     | fra60            |
|                                            |                | rising                   | fra61            |
|                                            |                | falling                  | fra62            |

**French audio (Sheet 3 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| douze                                      | twelve         | flat                     | fra64            |
|                                            |                | rising                   | fra65            |
|                                            |                | falling                  | fra66            |
| treize                                     | thirteen       | flat                     | fra68            |
|                                            |                | rising                   | fra69            |
|                                            |                | falling                  | fra70            |
| quatorze                                   | fourteen       | flat                     | fra72            |
|                                            |                | rising                   | fra73            |
|                                            |                | falling                  | fra74            |
| quinze                                     | fifteen        | flat                     | fra76            |
|                                            |                | rising                   | fra77            |
|                                            |                | falling                  | fra78            |
| seize                                      | sixteen        | flat                     | fra80            |
|                                            |                | rising                   | fra81            |
|                                            |                | falling                  | fra82            |
| dix-sept                                   | seventeen      | flat                     | fra84            |
|                                            |                | rising                   | fra85            |
|                                            |                | falling                  | fra86            |
| dix-huit                                   | eighteen       | flat                     | fra88            |
|                                            |                | rising                   | fra89            |
|                                            |                | falling                  | fra90            |
| dix-neuf                                   | nineteen       | flat                     | fra92            |
|                                            |                | rising                   | fra93            |
|                                            |                | falling                  | fra94            |
| vingt                                      | twenty         | flat                     | fra96            |
|                                            |                | rising                   | fra97            |
|                                            |                | falling                  | fra98            |

**French audio (Sheet 4 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| trente                                     | thirty         | flat                     | fra100           |
|                                            |                | rising                   | fra101           |
|                                            |                | falling                  | fra102           |
| quarante                                   | forty          | flat                     | fra104           |
|                                            |                | rising                   | fra105           |
|                                            |                | falling                  | fra106           |
| cinquante                                  | fifty          | flat                     | fra108           |
|                                            |                | rising                   | fra109           |
|                                            |                | falling                  | fra110           |
| soixante                                   | sixty          | flat                     | fra112           |
|                                            |                | rising                   | fra113           |
|                                            |                | falling                  | fra114           |
| soixante-dix                               | seventy        | flat                     | fra116           |
|                                            |                | rising                   | fra117           |
|                                            |                | falling                  | fra118           |
| quatre-vingts                              | eighty         | flat                     | fra120           |
|                                            |                | rising                   | fra121           |
|                                            |                | falling                  | fra122           |
| quatre-vingt-dix                           | ninety         | flat                     | fra124           |
|                                            |                | rising                   | fra125           |
|                                            |                | falling                  | fra126           |
| cent                                       | one-hundred    | flat                     | fra132           |
|                                            |                | rising                   | fra133           |
|                                            |                | falling                  | fra134           |
| deux cents                                 | two-hundred    | flat                     | fra136           |
|                                            |                | rising                   | fra137           |
|                                            |                | falling                  | fra138           |

**French audio (Sheet 5 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| trois cents                                | three-hundred  | flat                     | fra140           |
|                                            |                | rising                   | fra141           |
|                                            |                | falling                  | fra142           |
| quatre cents                               | four-hundred   | flat                     | fra144           |
|                                            |                | rising                   | fra145           |
|                                            |                | falling                  | fra146           |
| cinq cents                                 | five-hundred   | flat                     | fra148           |
|                                            |                | rising                   | fra149           |
|                                            |                | falling                  | fra150           |
| six cents                                  | six-hundred    | flat                     | fra152           |
|                                            |                | rising                   | fra153           |
|                                            |                | falling                  | fra154           |
| sept cents                                 | seven-hundred  | flat                     | fra156           |
|                                            |                | rising                   | fra157           |
|                                            |                | falling                  | fra158           |
| huit cents                                 | eight-hundred  | flat                     | fra160           |
|                                            |                | rising                   | fra161           |
|                                            |                | falling                  | fra162           |
| neuf cents                                 | nine-hundred   | flat                     | fra164           |
|                                            |                | rising                   | fra165           |
|                                            |                | falling                  | fra166           |
| mille                                      | [one] thousand | flat                     | fra496           |
|                                            |                | rising                   | fra497           |
|                                            |                | falling                  | fra498           |
| deux mille                                 | two-thousand   | flat                     | fra176           |
|                                            |                | rising                   | fra177           |
|                                            |                | falling                  | fra178           |

**French audio (Sheet 6 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| trois mille                                | three-thousand | flat                     | fra180           |
|                                            |                | rising                   | fra181           |
|                                            |                | falling                  | fra182           |
| quarte mille                               | four-thousand  | flat                     | fra184           |
|                                            |                | rising                   | fra185           |
|                                            |                | falling                  | fra186           |
| cinq mille                                 | five-thousand  | flat                     | fra188           |
|                                            |                | rising                   | fra189           |
|                                            |                | falling                  | fra190           |
| six mille                                  | six-thousand   | flat                     | fra192           |
|                                            |                | rising                   | fra193           |
|                                            |                | falling                  | fra194           |
| sept mille                                 | seven-thousand | flat                     | fra196           |
|                                            |                | rising                   | fra197           |
|                                            |                | falling                  | fra198           |
| huit mille                                 | eight-thousand | flat                     | fra200           |
|                                            |                | rising                   | fra201           |
|                                            |                | falling                  | fra202           |
| neuf mille                                 | nine-thousand  | flat                     | fra204           |
|                                            |                | rising                   | fra205           |
|                                            |                | falling                  | fra206           |
| million                                    | million        | flat                     | fra500           |
|                                            |                | rising                   | fra501           |
|                                            |                | falling                  | fra502           |
| millions                                   | millions       | flat                     | fra1500          |
|                                            |                | rising                   | fra1501          |
|                                            |                | falling                  | fra1502          |

**French audio (Sheet 7 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| milliard                                   | billion        | flat                     | fra504           |
|                                            |                | rising                   | fra505           |
|                                            |                | falling                  | fra506           |
| optional                                   | a              | flat                     | fra508           |
|                                            |                | rising                   | fra509           |
|                                            |                | falling                  | fra510           |
| optional                                   | b              | flat                     | fra512           |
|                                            |                | rising                   | fra513           |
|                                            |                | falling                  | fra514           |
| optional                                   | c              | flat                     | fra516           |
|                                            |                | rising                   | fra517           |
|                                            |                | falling                  | fra518           |
| optional                                   | d              | flat                     | fra520           |
|                                            |                | rising                   | fra521           |
|                                            |                | falling                  | fra522           |
| optional                                   | e              | flat                     | fra524           |
|                                            |                | rising                   | fra525           |
|                                            |                | falling                  | fra526           |
| optional                                   | f              | flat                     | fra528           |
|                                            |                | rising                   | fra529           |
|                                            |                | falling                  | fra530           |
| optional                                   | g              | flat                     | fra532           |
|                                            |                | rising                   | fra533           |
|                                            |                | falling                  | fra534           |
| optional                                   | h              | flat                     | fra536           |
|                                            |                | rising                   | fra537           |
|                                            |                | falling                  | fra538           |

**French audio (Sheet 8 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | i              | flat                     | fra540           |
|                                            |                | rising                   | fra541           |
|                                            |                | falling                  | fra542           |
| optional                                   | j              | flat                     | fra544           |
|                                            |                | rising                   | fra545           |
|                                            |                | falling                  | fra546           |
| optional                                   | k              | flat                     | fra548           |
|                                            |                | rising                   | fra549           |
|                                            |                | falling                  | fra550           |
| optional                                   | l              | flat                     | fra552           |
|                                            |                | rising                   | fra553           |
|                                            |                | falling                  | fra554           |
| optional                                   | m              | flat                     | fra556           |
|                                            |                | rising                   | fra557           |
|                                            |                | falling                  | fra558           |
| optional                                   | n              | flat                     | fra560           |
|                                            |                | rising                   | fra561           |
|                                            |                | falling                  | fra562           |
| optional                                   | o              | flat                     | fra564           |
|                                            |                | rising                   | fra565           |
|                                            |                | falling                  | fra566           |
| optional                                   | p              | flat                     | fra568           |
|                                            |                | rising                   | fra569           |
|                                            |                | falling                  | fra570           |
| optional                                   | q              | flat                     | fra572           |
|                                            |                | rising                   | fra573           |
|                                            |                | falling                  | fra574           |

**French audio (Sheet 9 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | r              | flat                     | fra576           |
|                                            |                | rising                   | fra577           |
|                                            |                | falling                  | fra578           |
| optional                                   | s              | flat                     | fra580           |
|                                            |                | rising                   | fra581           |
|                                            |                | falling                  | fra582           |
| optional                                   | t              | flat                     | fra584           |
|                                            |                | rising                   | fra585           |
|                                            |                | falling                  | fra586           |
| optional                                   | u              | flat                     | fra588           |
|                                            |                | rising                   | fra589           |
|                                            |                | falling                  | fra590           |
| optional                                   | v              | flat                     | fra592           |
|                                            |                | rising                   | fra593           |
|                                            |                | falling                  | fra594           |
| optional                                   | w              | flat                     | fra596           |
|                                            |                | rising                   | fra597           |
|                                            |                | falling                  | fra598           |
| optional                                   | x              | flat                     | fra600           |
|                                            |                | rising                   | fra601           |
|                                            |                | falling                  | fra602           |
| optional                                   | y              | flat                     | fra604           |
|                                            |                | rising                   | fra605           |
|                                            |                | falling                  | fra606           |
| optional                                   | z              | flat                     | fra608           |
|                                            |                | rising                   | fra609           |
|                                            |                | falling                  | fra610           |

**French audio (Sheet 10 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| minus                                      | negative       | flat                     | fra616           |
|                                            |                | rising                   | fra617           |
|                                            |                | falling                  | fra618           |
| et                                         | and            | flat                     | fra620           |
|                                            |                | rising                   | fra621           |
|                                            |                | falling                  | fra622           |
| heure                                      | hour           | flat                     | fra624           |
|                                            |                | rising                   | fra625           |
|                                            |                | falling                  | fra626           |
| heures                                     | hours          | flat                     | fra628           |
|                                            |                | rising                   | fra629           |
|                                            |                | falling                  | fra630           |
| minute                                     | minute         | flat                     | fra632           |
|                                            |                | rising                   | fra633           |
|                                            |                | falling                  | fra634           |
| minutes                                    | minutes        | flat                     | fra636           |
|                                            |                | rising                   | fra637           |
|                                            |                | falling                  | fra638           |
| seconde                                    | second         | flat                     | fra640           |
|                                            |                | rising                   | fra641           |
|                                            |                | falling                  | fra642           |
| secondes                                   | seconds        | flat                     | fra644           |
|                                            |                | rising                   | fra645           |
|                                            |                | falling                  | fra646           |
| janvier                                    | January        | flat                     | fra648           |
|                                            |                | rising                   | fra649           |
|                                            |                | falling                  | fra650           |

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| French phrase or English equivalent | English   | Phrase intonation | File name |
|-------------------------------------|-----------|-------------------|-----------|
| fe'vrier                            | February  | flat              | fra652    |
|                                     |           | rising            | fra653    |
|                                     |           | falling           | fra654    |
| mars                                | March     | flat              | fra656    |
|                                     |           | rising            | fra657    |
|                                     |           | falling           | fra658    |
| avril                               | April     | flat              | fra660    |
|                                     |           | rising            | fra661    |
|                                     |           | falling           | fra662    |
| mai                                 | May       | flat              | fra664    |
|                                     |           | rising            | fra665    |
|                                     |           | falling           | fra666    |
| juin                                | June      | flat              | fra668    |
|                                     |           | rising            | fra669    |
|                                     |           | falling           | fra670    |
| juillet                             | July      | flat              | fra672    |
|                                     |           | rising            | fra673    |
|                                     |           | falling           | fra674    |
| aou^t                               | August    | flat              | fra676    |
|                                     |           | rising            | fra677    |
|                                     |           | falling           | fra678    |
| septembre                           | September | flat              | fra680    |
|                                     |           | rising            | fra681    |
|                                     |           | falling           | fra682    |
| octobre                             | October   | flat              | fra684    |
|                                     |           | rising            | fra685    |
|                                     |           | falling           | fra686    |

**French audio (Sheet 12 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| novembre                                   | November       | flat                     | fra688           |
|                                            |                | rising                   | fra689           |
|                                            |                | falling                  | fra690           |
| de'cembre                                  | December       | flat                     | fra692           |
|                                            |                | rising                   | fra693           |
|                                            |                | falling                  | fra694           |
| dimanche                                   | Sunday         | flat                     | fra696           |
|                                            |                | rising                   | fra697           |
|                                            |                | falling                  | fra698           |
| lundi                                      | Monday         | flat                     | fra700           |
|                                            |                | rising                   | fra701           |
|                                            |                | falling                  | fra702           |
| mardi                                      | Tuesday        | flat                     | fra704           |
|                                            |                | rising                   | fra705           |
|                                            |                | falling                  | fra706           |
| mercredi                                   | Wednesday      | flat                     | fra708           |
|                                            |                | rising                   | fra709           |
|                                            |                | falling                  | fra710           |
| jeudi                                      | Thursday       | flat                     | fra712           |
|                                            |                | rising                   | fra713           |
|                                            |                | falling                  | fra714           |
| vendredi                                   | Friday         | flat                     | fra716           |
|                                            |                | rising                   | fra717           |
|                                            |                | falling                  | fra718           |
| samedi                                     | Saturday       | flat                     | fra720           |
|                                            |                | rising                   | fra721           |
|                                            |                | falling                  | fra722           |

**French audio (Sheet 13 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|---------------------|--------------------------|------------------|
| premier                                    | first<br>(masc)     | flat                     | fra728           |
|                                            |                     | rising                   | fra729           |
|                                            |                     | falling                  | fra730           |
| premiere                                   | first<br>(feminine) | flat                     | fra1516          |
|                                            |                     | rising                   | fra1517          |
|                                            |                     | falling                  | fra1518          |
| fraxieme                                   | second              | flat                     | fra732           |
|                                            |                     | rising                   | fra733           |
|                                            |                     | falling                  | fra734           |
| troisieme                                  | third               | flat                     | fra736           |
|                                            |                     | rising                   | fra737           |
|                                            |                     | falling                  | fra738           |
| quatrieme                                  | fourth              | flat                     | fra740           |
|                                            |                     | rising                   | fra741           |
|                                            |                     | falling                  | fra742           |
| cinquieme                                  | fifth               | flat                     | fra744           |
|                                            |                     | rising                   | fra745           |
|                                            |                     | falling                  | fra746           |
| sixieme                                    | sixth               | flat                     | fra748           |
|                                            |                     | rising                   | fra749           |
|                                            |                     | falling                  | fra750           |
| septieme                                   | seventh             | flat                     | fra752           |
|                                            |                     | rising                   | fra753           |
|                                            |                     | falling                  | fra754           |
| huitieme                                   | eighth              | flat                     | fra756           |
|                                            |                     | rising                   | fra757           |
|                                            |                     | falling                  | fra758           |

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| <b>French phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| neuvieme                                   | ninth          | flat                     | fra760           |
|                                            |                | rising                   | fra761           |
|                                            |                | falling                  | fra762           |
| dixieme                                    | tenth          | flat                     | fra764           |
|                                            |                | rising                   | fra765           |
|                                            |                | falling                  | fra766           |
| onzieme                                    | eleventh       | flat                     | fra768           |
|                                            |                | rising                   | fra769           |
|                                            |                | falling                  | fra770           |
| douzieme                                   | twelfth        | flat                     | fra772           |
|                                            |                | rising                   | fra773           |
|                                            |                | falling                  | fra774           |
| treizieme                                  | thirteenth     | flat                     | fra776           |
|                                            |                | rising                   | fra777           |
|                                            |                | falling                  | fra778           |
| quatorzieme                                | fourteenth     | flat                     | fra780           |
|                                            |                | rising                   | fra781           |
|                                            |                | falling                  | fra782           |
| quinzieme                                  | fifteenth      | flat                     | fra784           |
|                                            |                | rising                   | fra785           |
|                                            |                | falling                  | fra786           |
| seizieme                                   | sixteenth      | flat                     | fra788           |
|                                            |                | rising                   | fra789           |
|                                            |                | falling                  | fra790           |
| dix-septieme                               | seventeenth    | flat                     | fra792           |
|                                            |                | rising                   | fra793           |
|                                            |                | falling                  | fra794           |

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| <b>French phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| dix-huitieme                               | eighteenth     | flat                     | fra796           |
|                                            |                | rising                   | fra797           |
|                                            |                | falling                  | fra798           |
| dix-neuvieme                               | nineteenth     | flat                     | fra800           |
|                                            |                | rising                   | fra801           |
|                                            |                | falling                  | fra802           |
| vingtieme                                  | twentieth      | flat                     | fra804           |
|                                            |                | rising                   | fra805           |
|                                            |                | falling                  | fra806           |
| trentieme                                  | thirtieth      | flat                     | fra808           |
|                                            |                | rising                   | fra809           |
|                                            |                | falling                  | fra810           |
| quarantieme                                | fortieth       | flat                     | fra812           |
|                                            |                | rising                   | fra813           |
|                                            |                | falling                  | fra814           |
| cinquantieme                               | fiftieth       | flat                     | fra816           |
|                                            |                | rising                   | fra817           |
|                                            |                | falling                  | fra818           |
| soixantieme                                | sixtieth       | flat                     | fra820           |
|                                            |                | rising                   | fra821           |
|                                            |                | falling                  | fra822           |
| soixante-dixieme                           | seventieth     | flat                     | fra824           |
|                                            |                | rising                   | fra825           |
|                                            |                | falling                  | fra826           |
| quatre-vingtieme                           | eightieth      | flat                     | fra828           |
|                                            |                | rising                   | fra829           |
|                                            |                | falling                  | fra830           |

**French audio (Sheet 16 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------|--------------------------|------------------|
| quatre-vingt-dizieme                       | ninetieth       | flat                     | fra832           |
|                                            |                 | rising                   | fra833           |
|                                            |                 | falling                  | fra834           |
| un centieme                                | one-hundredth   | flat                     | fra836           |
|                                            |                 | rising                   | fra837           |
|                                            |                 | falling                  | fra838           |
| deux centiemes                             | two-hundredth   | flat                     | fra840           |
|                                            |                 | rising                   | fra841           |
|                                            |                 | falling                  | fra842           |
| trois centiemes                            | three-hundredth | flat                     | fra844           |
|                                            |                 | rising                   | fra845           |
|                                            |                 | falling                  | fra846           |
| quatre centiemes                           | four-hundredth  | flat                     | fra848           |
|                                            |                 | rising                   | fra849           |
|                                            |                 | falling                  | fra850           |
| cinq centiemes                             | five-hundredth  | flat                     | fra852           |
|                                            |                 | rising                   | fra853           |
|                                            |                 | falling                  | fra854           |
| six centiemes                              | six-hundredth   | flat                     | fra856           |
|                                            |                 | rising                   | fra857           |
|                                            |                 | falling                  | fra858           |
| sept centiemes                             | seven-hundredth | flat                     | fra860           |
|                                            |                 | rising                   | fra861           |
|                                            |                 | falling                  | fra862           |
| huit centiemes                             | eight-hundredth | flat                     | fra864           |
|                                            |                 | rising                   | fra865           |
|                                            |                 | falling                  | fra866           |

**French audio (Sheet 17 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-------------------|--------------------------|------------------|
| neuf centiemes                             | nine-hundredth    | flat                     | fra868           |
|                                            |                   | rising                   | fra869           |
|                                            |                   | falling                  | fra870           |
| millieme                                   | thousandth        | flat                     | fra872           |
|                                            |                   | rising                   | fra873           |
|                                            |                   | falling                  | fra874           |
| millionieme                                | millionth         | flat                     | fra880           |
|                                            |                   | rising                   | fra881           |
|                                            |                   | falling                  | fra882           |
| livre                                      | pound sign<br>(#) | flat                     | fra896           |
|                                            |                   | rising                   | fra897           |
|                                            |                   | falling                  | fra898           |
| asterisque                                 | asterisk<br>(*)   | flat                     | fra900           |
|                                            |                   | rising                   | fra901           |
|                                            |                   | falling                  | fra902           |
| Dollar                                     | dollar<br>(US)    | flat                     | fra1200          |
|                                            |                   | rising                   | fra1201          |
|                                            |                   | falling                  | fra1202          |
| Dollars                                    | dollars<br>(US)   | flat                     | fra1204          |
|                                            |                   | rising                   | fra1205          |
|                                            |                   | falling                  | fra1206          |
| Cent                                       | cent<br>(US)      | flat                     | fra1208          |
|                                            |                   | rising                   | fra1209          |
|                                            |                   | falling                  | fra1210          |
| Cents                                      | cents<br>(US)     | flat                     | fra1212          |
|                                            |                   | rising                   | fra1213          |
|                                            |                   | falling                  | fra1214          |

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| <b>French phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|--------------------------|--------------------------|------------------|
| Mark                                       | mark<br>(Germany)        | flat                     | fra1216          |
|                                            |                          | rising                   | fra1217          |
|                                            |                          | falling                  | fra1218          |
| Marks                                      | marks<br>(Germany)       | flat                     | fra1220          |
|                                            |                          | rising                   | fra1221          |
|                                            |                          | falling                  | fra1222          |
| Pfennig                                    | pfennig<br>(Germany)     | flat                     | fra1224          |
|                                            |                          | rising                   | fra1225          |
|                                            |                          | falling                  | fra1226          |
| Pfennigs                                   | pfennigs<br>(Germany)    | flat                     | fra1228          |
|                                            |                          | rising                   | fra1229          |
|                                            |                          | falling                  | fra1230          |
| Yen                                        | yen<br>(Japan)           | flat                     | fra1232          |
|                                            |                          | rising                   | fra1233          |
|                                            |                          | falling                  | fra1234          |
| Yens                                       | yens<br>(Japan)          | flat                     | fra1236          |
|                                            |                          | rising                   | fra1237          |
|                                            |                          | falling                  | fra1238          |
| Lira                                       | lira<br>(Italy)          | flat                     | fra1240          |
|                                            |                          | rising                   | fra1241          |
|                                            |                          | falling                  | fra1242          |
| Lire                                       | liras<br>(Italy)         | flat                     | fra1244          |
|                                            |                          | rising                   | fra1245          |
|                                            |                          | falling                  | fra1246          |
| Guilder                                    | guilder<br>(Netherlands) | flat                     | fra1248          |
|                                            |                          | rising                   | fra1249          |
|                                            |                          | falling                  | fra1250          |

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| <b>French phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|---------------------------|--------------------------|------------------|
| Guilders                                   | guilders<br>(Netherlands) | flat                     | fra1252          |
|                                            |                           | rising                   | fra1253          |
|                                            |                           | falling                  | fra1254          |
| Cent                                       | cent<br>(Netherlands)     | flat                     | fra1256          |
|                                            |                           | rising                   | fra1257          |
|                                            |                           | falling                  | fra1258          |
| Cents                                      | cents<br>(Netherlands)    | flat                     | fra1260          |
|                                            |                           | rising                   | fra1261          |
|                                            |                           | falling                  | fra1262          |
| Pound                                      | pound<br>(UK)             | flat                     | fra1264          |
|                                            |                           | rising                   | fra1265          |
|                                            |                           | falling                  | fra1266          |
| Pounds                                     | pounds<br>(UK)            | flat                     | fra1268          |
|                                            |                           | rising                   | fra1269          |
|                                            |                           | falling                  | fra1270          |
| penny                                      | penny<br>(UK)             | flat                     | fra1272          |
|                                            |                           | rising                   | fra1273          |
|                                            |                           | falling                  | fra1274          |
| pence                                      | pence<br>(UK)             | flat                     | fra1276          |
|                                            |                           | rising                   | fra1277          |
|                                            |                           | falling                  | fra1278          |
| euro                                       | euro<br>(Euro)            | flat                     | fra1280          |
|                                            |                           | rising                   | fra1281          |
|                                            |                           | falling                  | fra1282          |
| euros                                      | euros<br>(Euro)           | flat                     | fra1284          |
|                                            |                           | rising                   | fra1285          |
|                                            |                           | falling                  | fra1286          |

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| <b>French phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------------|--------------------------|------------------|
| eurocent                                   | eurocent<br>(Euro)    | flat                     | fra1288          |
|                                            |                       | rising                   | fra1289          |
|                                            |                       | falling                  | fra1290          |
| eurocents                                  | eurocents<br>(Euro)   | flat                     | fra1292          |
|                                            |                       | rising                   | fra1293          |
|                                            |                       | falling                  | fra1294          |
| franc                                      | franc<br>(France)     | flat                     | fra1296          |
|                                            |                       | rising                   | fra1297          |
|                                            |                       | falling                  | fra1298          |
| francs                                     | francs<br>(France)    | flat                     | fra1300          |
|                                            |                       | rising                   | fra1301          |
|                                            |                       | falling                  | fra1302          |
| centime                                    | centime<br>(France)   | flat                     | fra1304          |
|                                            |                       | rising                   | fra1305          |
|                                            |                       | falling                  | fra1306          |
| centimes                                   | centimes<br>(France)  | flat                     | fra1308          |
|                                            |                       | rising                   | fra1309          |
|                                            |                       | falling                  | fra1310          |
| peseta                                     | peseta<br>(Spain)     | flat                     | fra1312          |
|                                            |                       | rising                   | fra1313          |
|                                            |                       | falling                  | fra1314          |
| pesetas                                    | pesetas<br>(Spain)    | flat                     | fra1316          |
|                                            |                       | rising                   | fra1317          |
|                                            |                       | falling                  | fra1318          |
| peso                                       | peso<br>(Philippines) | flat                     | fra1328          |
|                                            |                       | rising                   | fra1329          |
|                                            |                       | falling                  | fra1330          |

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| <b>French phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|---------------------------|--------------------------|------------------|
| pesos                                      | pesos<br>(Philippines)    | flat                     | fra1332          |
|                                            |                           | rising                   | fra1333          |
|                                            |                           | falling                  | fra1334          |
| centavo                                    | centavo<br>(Philippines)  | flat                     | fra1336          |
|                                            |                           | rising                   | fra1337          |
|                                            |                           | falling                  | fra1338          |
| centavos                                   | centavos<br>(Philippines) | flat                     | fra1340          |
|                                            |                           | rising                   | fra1341          |
|                                            |                           | falling                  | fra1342          |
| ringgit                                    | ringgit<br>(Malaysia)     | flat                     | fra1344          |
|                                            |                           | rising                   | fra1345          |
|                                            |                           | falling                  | fra1346          |
| ringgits                                   | ringgits<br>(Malaysia)    | flat                     | fra1348          |
|                                            |                           | rising                   | fra1349          |
|                                            |                           | falling                  | fra1350          |
| sen                                        | sen<br>(Malaysia)         | flat                     | fra1352          |
|                                            |                           | rising                   | fra1353          |
|                                            |                           | falling                  | fra1354          |
| sens                                       | sens<br>(Malaysia)        | flat                     | fra1356          |
|                                            |                           | rising                   | fra1357          |
|                                            |                           | falling                  | fra1358          |
| baht                                       | baht<br>(Thailand)        | flat                     | fra1360          |
|                                            |                           | rising                   | fra1361          |
|                                            |                           | falling                  | fra1362          |
| bahts                                      | bahts<br>(Thailand)       | flat                     | fra1364          |
|                                            |                           | rising                   | fra1365          |
|                                            |                           | falling                  | fra1366          |

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| <b>French phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------------|--------------------------|------------------|
| satang                                     | satang<br>(Thailand)  | flat                     | fra1368          |
|                                            |                       | rising                   | fra1369          |
|                                            |                       | falling                  | fra1370          |
| satangs                                    | satangs<br>(Thailand) | flat                     | fra1372          |
|                                            |                       | rising                   | fra1373          |
|                                            |                       | falling                  | fra1374          |
| won                                        | won<br>(Korea)        | flat                     | fra1376          |
|                                            |                       | rising                   | fra1377          |
|                                            |                       | falling                  | fra1378          |
| wons                                       | wons<br>(Korea)       | flat                     | fra1380          |
|                                            |                       | rising                   | fra1381          |
|                                            |                       | falling                  | fra1382          |
| franc                                      | franc<br>(Belgium)    | flat                     | fra1384          |
|                                            |                       | rising                   | fra1385          |
|                                            |                       | falling                  | fra1386          |
| francs                                     | francs<br>(Belgium)   | flat                     | fra1388          |
|                                            |                       | rising                   | fra1389          |
|                                            |                       | falling                  | fra1390          |
| centime                                    | centime<br>(Belgium)  | flat                     | fra1392          |
|                                            |                       | rising                   | fra1393          |
|                                            |                       | falling                  | fra1394          |
| centimes                                   | centimes<br>(Belgium) | flat                     | fra1396          |
|                                            |                       | rising                   | fra1397          |
|                                            |                       | falling                  | fra1398          |
| dollar                                     | dollar<br>(Canada)    | flat                     | fra1400          |
|                                            |                       | rising                   | fra1401          |
|                                            |                       | falling                  | fra1402          |

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| <b>French phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|------------------------|--------------------------|------------------|
| dollars                                    | dollars<br>(Canada)    | flat                     | fra1404          |
|                                            |                        | rising                   | fra1405          |
|                                            |                        | falling                  | fra1406          |
| cent                                       | cent<br>(Canada)       | flat                     | fra1408          |
|                                            |                        | rising                   | fra1409          |
|                                            |                        | falling                  | fra1410          |
| cents                                      | cents<br>(Canada)      | flat                     | fra1412          |
|                                            |                        | rising                   | fra1413          |
|                                            |                        | falling                  | fra1414          |
| dollar                                     | dollar<br>(Hong Kong)  | flat                     | fra1416          |
|                                            |                        | rising                   | fra1417          |
|                                            |                        | falling                  | fra1418          |
| dollars                                    | dollars<br>(Hong Kong) | flat                     | fra1420          |
|                                            |                        | rising                   | fra1421          |
|                                            |                        | falling                  | fra1422          |
| cent                                       | cent<br>(Hong Kong)    | flat                     | fra1424          |
|                                            |                        | rising                   | fra1425          |
|                                            |                        | falling                  | fra1426          |
| cents                                      | cents<br>(Hong Kong)   | flat                     | fra1428          |
|                                            |                        | rising                   | fra1429          |
|                                            |                        | falling                  | fra1430          |
| gok                                        | gok<br>(Hong Kong)     | flat                     | fra1488          |
|                                            |                        | rising                   | fra1489          |
|                                            |                        | falling                  | fra1490          |
| goks                                       | goks<br>(Hong Kong)    | flat                     | fra1492          |
|                                            |                        | rising                   | fra1493          |
|                                            |                        | falling                  | fra1494          |

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| <b>French phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|------------------------|--------------------------|------------------|
| escudo                                     | escudo<br>(Portugal)   | flat                     | fra1432          |
|                                            |                        | rising                   | fra1433          |
|                                            |                        | falling                  | fra1434          |
| escudos                                    | escudos<br>(Portugal)  | flat                     | fra1436          |
|                                            |                        | rising                   | fra1437          |
|                                            |                        | falling                  | fra1438          |
| centavo                                    | centavo<br>(Portugal)  | flat                     | fra1440          |
|                                            |                        | rising                   | fra1441          |
|                                            |                        | falling                  | fra1442          |
| centavos                                   | centavos<br>(Portugal) | flat                     | fra1444          |
|                                            |                        | rising                   | fra1445          |
|                                            |                        | falling                  | fra1446          |
| yuan                                       | yuan<br>(China)        | flat                     | fra1448          |
|                                            |                        | rising                   | fra1449          |
|                                            |                        | falling                  | fra1450          |
| yuans                                      | yuans<br>(China)       | flat                     | fra1452          |
|                                            |                        | rising                   | fra1453          |
|                                            |                        | falling                  | fra1454          |
| jiao                                       | jiao<br>(China)        | flat                     | fra1456          |
|                                            |                        | rising                   | fra1457          |
|                                            |                        | falling                  | fra1458          |
| jiaos                                      | jiaos<br>(China)       | flat                     | fra1460          |
|                                            |                        | rising                   | fra1461          |
|                                            |                        | falling                  | fra1462          |
| fen                                        | fen<br>(China)         | flat                     | fra1464          |
|                                            |                        | rising                   | fra1465          |
|                                            |                        | falling                  | fra1466          |

**French audio (Sheet 25 of 25)**

| <b>French phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|---------------------|--------------------------|------------------|
| fens                                       | fens<br>(China)     | flat                     | fra1468          |
|                                            |                     | rising                   | fra1469          |
|                                            |                     | falling                  | fra1470          |
| pound                                      | pound<br>(Ireland)  | flat                     | fra1472          |
|                                            |                     | rising                   | fra1473          |
|                                            |                     | falling                  | fra1474          |
| pounds                                     | pounds<br>(Ireland) | flat                     | fra1476          |
|                                            |                     | rising                   | fra1477          |
|                                            |                     | falling                  | fra1478          |
| penny                                      | penny<br>(Ireland)  | flat                     | fra1480          |
|                                            |                     | rising                   | fra1481          |
|                                            |                     | falling                  | fra1482          |
| pence                                      | pence<br>(Ireland)  | flat                     | fra1484          |
|                                            |                     | rising                   | fra1485          |
|                                            |                     | falling                  | fra1486          |
| a.m.                                       | a.m.                | flat                     | fra908           |
|                                            |                     | rising                   | fra909           |
|                                            |                     | falling                  | fra910           |
| p.m.                                       | p.m.                | flat                     | fra912           |
|                                            |                     | rising                   | fra913           |
|                                            |                     | falling                  | fra914           |
| midnight                                   | midnight            | flat                     | fra1524          |
|                                            |                     | rising                   | fra1525          |
|                                            |                     | falling                  | fra1526          |

## Galician audio files

**Note 1:** Use audio file names glg508–glg610 for the multilanguage strings functionality. Recording of this audio is optional and the content of the recording can be any word. This audio is only required when the string functionality is used.

**Note 2:** Only record audio file names glg1536–glg1646 and glg1728–glg1838 if you provision audio for ordinal numbers on the system. The ordinal values for numbers less than three are used in applications (date) and are required unless otherwise specified.

**Note 3:** Only record audio filenames glg1400–glg1486 if you provision audio for this currency.

### Galician audio (Sheet 1 of 34)

| Galician phrase or English equivalent | English | Phrase intonation | File name |
|---------------------------------------|---------|-------------------|-----------|
| cero                                  | zero    | flat              | glg0      |
|                                       |         | rising            | glg1      |
|                                       |         | falling           | glg2      |
| un                                    | one     | flat              | glg8      |
|                                       |         | rising            | glg9      |
|                                       |         | falling           | glg10     |
| dous                                  | two     | flat              | glg12     |
|                                       |         | rising            | glg13     |
|                                       |         | falling           | glg14     |
| tres                                  | three   | flat              | glg16     |
|                                       |         | rising            | glg17     |
|                                       |         | falling           | glg18     |
| glgro                                 | four    | flat              | glg20     |
|                                       |         | rising            | glg21     |
|                                       |         | falling           | glg22     |

**Galician audio (Sheet 2 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| cinco                                        | five           | flat                     | glg24            |
|                                              |                | rising                   | glg25            |
|                                              |                | falling                  | glg26            |
| seis                                         | six            | flat                     | glg28            |
|                                              |                | rising                   | glg29            |
|                                              |                | falling                  | glg30            |
| sete                                         | seven          | flat                     | glg33            |
|                                              |                | rising                   | glg34            |
|                                              |                | falling                  | glg35            |
| oito                                         | eight          | flat                     | glg36            |
|                                              |                | rising                   | glg37            |
|                                              |                | falling                  | glg38            |
| nove                                         | nine           | flat                     | glg40            |
|                                              |                | rising                   | glg41            |
|                                              |                | falling                  | glg42            |
| dez                                          | ten            | flat                     | glg56            |
|                                              |                | rising                   | glg57            |
|                                              |                | falling                  | glg58            |
| once                                         | eleven         | flat                     | glg60            |
|                                              |                | rising                   | glg61            |
|                                              |                | falling                  | glg62            |
| doce                                         | twelve         | flat                     | glg64            |
|                                              |                | rising                   | glg65            |
|                                              |                | falling                  | glg66            |
| trece                                        | thirteen       | flat                     | glg68            |
|                                              |                | rising                   | glg69            |
|                                              |                | falling                  | glg70            |

**Galician audio (Sheet 3 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| glgorce                                      | fourteen       | flat                     | glg72            |
|                                              |                | rising                   | glg73            |
|                                              |                | falling                  | glg74            |
| quince                                       | fifteen        | flat                     | glg76            |
|                                              |                | rising                   | glg77            |
|                                              |                | falling                  | glg78            |
| dezaseis                                     | sixteen        | flat                     | glg80            |
|                                              |                | rising                   | glg81            |
|                                              |                | falling                  | glg82            |
| dezasete                                     | seventeen      | flat                     | glg84            |
|                                              |                | rising                   | glg85            |
|                                              |                | falling                  | glg86            |
| dezaoitto                                    | eighteen       | flat                     | glg88            |
|                                              |                | rising                   | glg89            |
|                                              |                | falling                  | glg90            |
| dezanove                                     | nineteen       | flat                     | glg92            |
|                                              |                | rising                   | glg93            |
|                                              |                | falling                  | glg94            |
| vinte                                        | twenty         | flat                     | glg96            |
|                                              |                | rising                   | glg97            |
|                                              |                | falling                  | glg98            |
| trinta                                       | thirty         | flat                     | glg100           |
|                                              |                | rising                   | glg101           |
|                                              |                | falling                  | glg102           |
| corenta                                      | forty          | flat                     | glg104           |
|                                              |                | rising                   | glg105           |
|                                              |                | falling                  | glg106           |

**Galician audio (Sheet 4 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| cincuenta                                    | fifty          | flat                     | glg108           |
|                                              |                | rising                   | glg109           |
|                                              |                | falling                  | glg110           |
| sesenta                                      | sixty          | flat                     | glg112           |
|                                              |                | rising                   | glg113           |
|                                              |                | falling                  | glg114           |
| setenta                                      | seventy        | flat                     | glg116           |
|                                              |                | rising                   | glg117           |
|                                              |                | falling                  | glg118           |
| oitenta                                      | eighty         | flat                     | glg120           |
|                                              |                | rising                   | glg121           |
|                                              |                | falling                  | glg122           |
| noventa                                      | ninety         | flat                     | glg124           |
|                                              |                | rising                   | glg125           |
|                                              |                | falling                  | glg126           |
| cen                                          | one-hundred    | flat                     | glg132           |
|                                              |                | rising                   | glg133           |
|                                              |                | falling                  | glg134           |
| douscentos                                   | two-hundred    | flat                     | glg136           |
|                                              |                | rising                   | glg137           |
|                                              |                | falling                  | glg138           |
| trescentos                                   | three-hundred  | flat                     | glg140           |
|                                              |                | rising                   | glg141           |
|                                              |                | falling                  | glg142           |
| glgrocentos                                  | four-hundred   | flat                     | glg144           |
|                                              |                | rising                   | glg145           |
|                                              |                | falling                  | glg146           |

**Galician audio (Sheet 5 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| cincocentos                                  | five-hundred   | flat                     | glg148           |
|                                              |                | rising                   | glg149           |
|                                              |                | falling                  | glg150           |
| seiscentos                                   | six-hundred    | flat                     | glg152           |
|                                              |                | rising                   | glg153           |
|                                              |                | falling                  | glg154           |
| setecentos                                   | seven-hundred  | flat                     | glg156           |
|                                              |                | rising                   | glg157           |
|                                              |                | falling                  | glg158           |
| oitocentos                                   | eight-hundred  | flat                     | glg160           |
|                                              |                | rising                   | glg161           |
|                                              |                | falling                  | glg162           |
| novecentos                                   | nine-hundred   | flat                     | glg164           |
|                                              |                | rising                   | glg165           |
|                                              |                | falling                  | glg166           |
| vinteun                                      | twenty-one     | flat                     | glg208           |
|                                              |                | rising                   | glg209           |
|                                              |                | falling                  | glg210           |
| vintedos                                     | twenty-two     | flat                     | glg212           |
|                                              |                | rising                   | glg213           |
|                                              |                | falling                  | glg214           |
| vintetres                                    | twenty-three   | flat                     | glg216           |
|                                              |                | rising                   | glg217           |
|                                              |                | falling                  | glg218           |
| vinteglro                                    | twenty-four    | flat                     | glg220           |
|                                              |                | rising                   | glg221           |
|                                              |                | falling                  | glg222           |

**Galician audio (Sheet 6 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| vintecinco                                   | twenty-five    | flat                     | glg224           |
|                                              |                | rising                   | glg225           |
|                                              |                | falling                  | glg226           |
| vinteseis                                    | twenty-six     | flat                     | glg228           |
|                                              |                | rising                   | glg229           |
|                                              |                | falling                  | glg230           |
| vintisete                                    | twenty-seven   | flat                     | glg232           |
|                                              |                | rising                   | glg233           |
|                                              |                | falling                  | glg234           |
| vinteoito                                    | twenty-eight   | flat                     | glg236           |
|                                              |                | rising                   | glg237           |
|                                              |                | falling                  | glg238           |
| vintenove                                    | twenty-nine    | flat                     | glg240           |
|                                              |                | rising                   | glg241           |
|                                              |                | falling                  | glg242           |
| millar/milleiro                              | one-thousand   | flat                     | glg496           |
|                                              |                | rising                   | glg497           |
|                                              |                | falling                  | glg498           |
| millon                                       | one-million    | flat                     | glg500           |
|                                              |                | rising                   | glg501           |
|                                              |                | falling                  | glg502           |
| a                                            | a              | flat                     | glg508           |
|                                              |                | rising                   | glg509           |
|                                              |                | falling                  | glg510           |
| b                                            | b              | flat                     | glg512           |
|                                              |                | rising                   | glg513           |
|                                              |                | falling                  | glg514           |

**Galician audio (Sheet 7 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| c                                            | c              | flat                     | glg516           |
|                                              |                | rising                   | glg517           |
|                                              |                | falling                  | glg518           |
| d                                            | d              | flat                     | glg520           |
|                                              |                | rising                   | glg521           |
|                                              |                | falling                  | glg522           |
| e                                            | e              | flat                     | glg524           |
|                                              |                | rising                   | glg525           |
|                                              |                | falling                  | glg526           |
| f                                            | f              | flat                     | glg528           |
|                                              |                | rising                   | glg529           |
|                                              |                | falling                  | glg530           |
| g                                            | g              | flat                     | glg532           |
|                                              |                | rising                   | glg533           |
|                                              |                | falling                  | glg534           |
| h                                            | h              | flat                     | glg536           |
|                                              |                | rising                   | glg537           |
|                                              |                | falling                  | glg538           |
| i                                            | i              | flat                     | glg540           |
|                                              |                | rising                   | glg541           |
|                                              |                | falling                  | glg542           |
| j                                            | j              | flat                     | glg544           |
|                                              |                | rising                   | glg545           |
|                                              |                | falling                  | glg546           |
| k                                            | k              | flat                     | glg548           |
|                                              |                | rising                   | glg549           |
|                                              |                | falling                  | glg550           |

**Galician audio (Sheet 8 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| l                                            | l              | flat                     | glg552           |
|                                              |                | rising                   | glg553           |
|                                              |                | falling                  | glg554           |
| m                                            | m              | flat                     | glg556           |
|                                              |                | rising                   | glg557           |
|                                              |                | falling                  | glg558           |
| n                                            | n              | flat                     | glg560           |
|                                              |                | rising                   | glg561           |
|                                              |                | falling                  | glg562           |
| o                                            | o              | flat                     | glg564           |
|                                              |                | rising                   | glg565           |
|                                              |                | falling                  | glg566           |
| p                                            | p              | flat                     | glg568           |
|                                              |                | rising                   | glg569           |
|                                              |                | falling                  | glg570           |
| q                                            | q              | flat                     | glg572           |
|                                              |                | rising                   | glg573           |
|                                              |                | falling                  | glg574           |
| r                                            | r              | flat                     | glg576           |
|                                              |                | rising                   | glg577           |
|                                              |                | falling                  | glg578           |
| s                                            | s              | flat                     | glg580           |
|                                              |                | rising                   | glg581           |
|                                              |                | falling                  | glg582           |
| t                                            | t              | flat                     | glg584           |
|                                              |                | rising                   | glg585           |
|                                              |                | falling                  | glg586           |

**Galician audio (Sheet 9 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| u                                            | u              | flat                     | glg588           |
|                                              |                | rising                   | glg589           |
|                                              |                | falling                  | glg590           |
| v                                            | v              | flat                     | glg592           |
|                                              |                | rising                   | glg593           |
|                                              |                | falling                  | glg594           |
| w                                            | w              | flat                     | glg596           |
|                                              |                | rising                   | glg597           |
|                                              |                | falling                  | glg598           |
| x                                            | x              | flat                     | glg600           |
|                                              |                | rising                   | glg601           |
|                                              |                | falling                  | glg602           |
| y                                            | y              | flat                     | glg604           |
|                                              |                | rising                   | glg605           |
|                                              |                | falling                  | glg606           |
| z                                            | z              | flat                     | glg608           |
|                                              |                | rising                   | glg609           |
|                                              |                | falling                  | glg610           |
| negativo                                     | negative       | flat                     | glg616           |
|                                              |                | rising                   | glg617           |
|                                              |                | falling                  | glg618           |
| e                                            | and            | flat                     | glg620           |
|                                              |                | rising                   | glg621           |
|                                              |                | falling                  | glg622           |
| hora                                         | hour           | flat                     | glg624           |
|                                              |                | rising                   | glg625           |
|                                              |                | falling                  | glg626           |

**Galician audio (Sheet 10 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| horas                                        | hours          | flat                     | glg628           |
|                                              |                | rising                   | glg629           |
|                                              |                | falling                  | glg630           |
| minuto                                       | minute         | flat                     | glg632           |
|                                              |                | rising                   | glg633           |
|                                              |                | falling                  | glg634           |
| minutos                                      | minutes        | flat                     | glg636           |
|                                              |                | rising                   | glg637           |
|                                              |                | falling                  | glg638           |
| segundo                                      | second         | flat                     | glg640           |
|                                              |                | rising                   | glg641           |
|                                              |                | falling                  | glg642           |
| segundos                                     | seconds        | flat                     | glg644           |
|                                              |                | rising                   | glg645           |
|                                              |                | falling                  | glg646           |
| xaneiro                                      | January        | flat                     | glg648           |
|                                              |                | rising                   | glg649           |
|                                              |                | falling                  | glg650           |
| febreiro                                     | February       | flat                     | glg652           |
|                                              |                | rising                   | glg653           |
|                                              |                | falling                  | glg654           |
| marzo                                        | March          | flat                     | glg656           |
|                                              |                | rising                   | glg657           |
|                                              |                | falling                  | glg658           |
| abril                                        | April          | flat                     | glg660           |
|                                              |                | rising                   | glg661           |
|                                              |                | falling                  | glg662           |

**Galician audio (Sheet 11 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| maio                                         | May            | flat                     | glg664           |
|                                              |                | rising                   | glg665           |
|                                              |                | falling                  | glg666           |
| xuno                                         | June           | flat                     | glg668           |
|                                              |                | rising                   | glg669           |
|                                              |                | falling                  | glg670           |
| xullo                                        | July           | flat                     | glg672           |
|                                              |                | rising                   | glg673           |
|                                              |                | falling                  | glg674           |
| agosto                                       | August         | flat                     | glg676           |
|                                              |                | rising                   | glg677           |
|                                              |                | falling                  | glg678           |
| setembro                                     | September      | flat                     | glg680           |
|                                              |                | rising                   | glg681           |
|                                              |                | falling                  | glg682           |
| outubro                                      | October        | flat                     | glg684           |
|                                              |                | rising                   | glg685           |
|                                              |                | falling                  | glg686           |
| noembro                                      | November       | flat                     | glg688           |
|                                              |                | rising                   | glg689           |
|                                              |                | falling                  | glg690           |
| decembro                                     | December       | flat                     | glg692           |
|                                              |                | rising                   | glg693           |
|                                              |                | falling                  | glg694           |
| domingo                                      | Sunday         | flat                     | glg696           |
|                                              |                | rising                   | glg697           |
|                                              |                | falling                  | glg698           |

**Galician audio (Sheet 12 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| luns                                         | Monday         | flat                     | glg700           |
|                                              |                | rising                   | glg701           |
|                                              |                | falling                  | glg702           |
| martes                                       | Tuesday        | flat                     | glg704           |
|                                              |                | rising                   | glg705           |
|                                              |                | falling                  | glg706           |
| mercores                                     | Wednesday      | flat                     | glg708           |
|                                              |                | rising                   | glg709           |
|                                              |                | falling                  | glg710           |
| xoves                                        | Thursday       | flat                     | glg712           |
|                                              |                | rising                   | glg713           |
|                                              |                | falling                  | glg714           |
| venres                                       | Friday         | flat                     | glg716           |
|                                              |                | rising                   | glg717           |
|                                              |                | falling                  | glg718           |
| sabado                                       | Saturday       | flat                     | glg720           |
|                                              |                | rising                   | glg721           |
|                                              |                | falling                  | glg722           |
| primeiro                                     | first          | flat                     | glg728           |
|                                              |                | rising                   | glg729           |
|                                              |                | falling                  | glg730           |
| segundo                                      | second         | flat                     | glg732           |
|                                              |                | rising                   | glg733           |
|                                              |                | falling                  | glg734           |
| terceiro                                     | third          | flat                     | glg736           |
|                                              |                | rising                   | glg737           |
|                                              |                | falling                  | glg738           |

**Galician audio (Sheet 13 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| cuarto                                       | fourth         | flat                     | glg740           |
|                                              |                | rising                   | glg741           |
|                                              |                | falling                  | glg742           |
| quinto                                       | fifth          | flat                     | glg744           |
|                                              |                | rising                   | glg745           |
|                                              |                | falling                  | glg746           |
| sexto                                        | sixth          | flat                     | glg748           |
|                                              |                | rising                   | glg749           |
|                                              |                | falling                  | glg750           |
| setimo                                       | seventh        | flat                     | glg752           |
|                                              |                | rising                   | glg753           |
|                                              |                | falling                  | glg754           |
| oitavo                                       | eighth         | flat                     | glg756           |
|                                              |                | rising                   | glg757           |
|                                              |                | falling                  | glg758           |
| noveno                                       | ninth          | flat                     | glg760           |
|                                              |                | rising                   | glg761           |
|                                              |                | falling                  | glg762           |
| decimo                                       | tenth          | flat                     | glg764           |
|                                              |                | rising                   | glg765           |
|                                              |                | falling                  | glg766           |
| decimo primeiro                              | eleventh       | flat                     | glg768           |
|                                              |                | rising                   | glg769           |
|                                              |                | falling                  | glg770           |
| duodecimo                                    | twelfth        | flat                     | glg772           |
|                                              |                | rising                   | glg773           |
|                                              |                | falling                  | glg774           |

**Galician audio (Sheet 14 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| decimo terceiro                              | thirteenth     | flat                     | glg776           |
|                                              |                | rising                   | glg777           |
|                                              |                | falling                  | glg778           |
| decimo cuarto                                | fourteenth     | flat                     | glg780           |
|                                              |                | rising                   | glg781           |
|                                              |                | falling                  | glg782           |
| decimo quinto                                | fifteenth      | flat                     | glg784           |
|                                              |                | rising                   | glg785           |
|                                              |                | falling                  | glg786           |
| decimo sexto                                 | sixteenth      | flat                     | glg788           |
|                                              |                | rising                   | glg789           |
|                                              |                | falling                  | glg790           |
| decimo setimo                                | seventeenth    | flat                     | glg792           |
|                                              |                | rising                   | glg793           |
|                                              |                | falling                  | glg794           |
| decimo oitavo                                | eighteenth     | flat                     | glg796           |
|                                              |                | rising                   | glg797           |
|                                              |                | falling                  | glg798           |
| decimo noveno                                | nineteenth     | flat                     | glg800           |
|                                              |                | rising                   | glg801           |
|                                              |                | falling                  | glg802           |
| vixesimo                                     | twentieth      | flat                     | glg804           |
|                                              |                | rising                   | glg805           |
|                                              |                | falling                  | glg806           |
| trixesimo                                    | thirtieth      | flat                     | glg808           |
|                                              |                | rising                   | glg809           |
|                                              |                | falling                  | glg810           |

**Galician audio (Sheet 15 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|-------------------|--------------------------|------------------|
| cuadraxesimo                                 | fortieth          | flat                     | glg812           |
|                                              |                   | rising                   | glg813           |
|                                              |                   | falling                  | glg814           |
| quincuaxesimo                                | fiftieth          | flat                     | glg816           |
|                                              |                   | rising                   | glg817           |
|                                              |                   | falling                  | glg818           |
| sexaxesimo                                   | sixtieth          | flat                     | glg820           |
|                                              |                   | rising                   | glg821           |
|                                              |                   | falling                  | glg822           |
| septuaxesimo                                 | seventieth        | flat                     | glg824           |
|                                              |                   | rising                   | glg825           |
|                                              |                   | falling                  | glg826           |
| octaxesimo                                   | eightieth         | flat                     | glg828           |
|                                              |                   | rising                   | glg829           |
|                                              |                   | falling                  | glg830           |
| nonaxesimo                                   | ninetieth         | flat                     | glg832           |
|                                              |                   | rising                   | glg833           |
|                                              |                   | falling                  | glg834           |
| centesimo                                    | one-hundredth     | flat                     | glg836           |
|                                              |                   | rising                   | glg837           |
|                                              |                   | falling                  | glg838           |
| almofada                                     | pound sign<br>(#) | flat                     | glg896           |
|                                              |                   | rising                   | glg897           |
|                                              |                   | falling                  | glg898           |
| estrela                                      | asterisk<br>(*)   | flat                     | glg900           |
|                                              |                   | rising                   | glg901           |
|                                              |                   | falling                  | glg902           |

**Galician audio (Sheet 16 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|-----------------------|--------------------------|------------------|
| dollar                                       | dollar<br>(US)        | flat                     | glg1200          |
|                                              |                       | rising                   | glg1201          |
|                                              |                       | falling                  | glg1202          |
| dollars                                      | dollars<br>(US)       | flat                     | glg1204          |
|                                              |                       | rising                   | glg1205          |
|                                              |                       | falling                  | glg1206          |
| cent                                         | cent<br>(US)          | flat                     | glg1208          |
|                                              |                       | rising                   | glg1209          |
|                                              |                       | falling                  | glg1210          |
| cents                                        | cents<br>(US)         | flat                     | glg1212          |
|                                              |                       | rising                   | glg1213          |
|                                              |                       | falling                  | glg1214          |
| mark                                         | mark<br>(Germany)     | flat                     | glg1216          |
|                                              |                       | rising                   | glg1217          |
|                                              |                       | falling                  | glg1218          |
| marks                                        | marks<br>(Germany)    | flat                     | glg1220          |
|                                              |                       | rising                   | glg1221          |
|                                              |                       | falling                  | glg1222          |
| pfennig                                      | pfennig<br>(Germany)  | flat                     | glg1224          |
|                                              |                       | rising                   | glg1225          |
|                                              |                       | falling                  | glg1226          |
| pfennigs                                     | pfennigs<br>(Germany) | flat                     | glg1228          |
|                                              |                       | rising                   | glg1229          |
|                                              |                       | falling                  | glg1230          |
| yen                                          | yen<br>(Japan)        | flat                     | glg1232          |
|                                              |                       | rising                   | glg1233          |
|                                              |                       | falling                  | glg1234          |

**Galician audio (Sheet 17 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|---------------------------|--------------------------|------------------|
| yens                                         | yens<br>(Japan)           | flat                     | glg1236          |
|                                              |                           | rising                   | glg1237          |
|                                              |                           | falling                  | glg1238          |
| lira                                         | lira<br>(Italy)           | flat                     | glg1240          |
|                                              |                           | rising                   | glg1241          |
|                                              |                           | falling                  | glg1242          |
| liras                                        | liras<br>(Italy)          | flat                     | glg1244          |
|                                              |                           | rising                   | glg1245          |
|                                              |                           | falling                  | glg1246          |
| guilder                                      | guilder<br>(Netherlands)  | flat                     | glg1248          |
|                                              |                           | rising                   | glg1249          |
|                                              |                           | falling                  | glg1250          |
| guilders                                     | guilders<br>(Netherlands) | flat                     | glg1252          |
|                                              |                           | rising                   | glg1253          |
|                                              |                           | falling                  | glg1254          |
| cent                                         | cent<br>(Netherlands)     | flat                     | glg1256          |
|                                              |                           | rising                   | glg1257          |
|                                              |                           | falling                  | glg1258          |
| cents                                        | cents<br>(Netherlands)    | flat                     | glg1260          |
|                                              |                           | rising                   | glg1261          |
|                                              |                           | falling                  | glg1262          |
| pound                                        | pound<br>(UK)             | flat                     | glg1264          |
|                                              |                           | rising                   | glg1265          |
|                                              |                           | falling                  | glg1266          |
| pounds                                       | pounds<br>(UK)            | flat                     | glg1268          |
|                                              |                           | rising                   | glg1269          |
|                                              |                           | falling                  | glg1270          |

**Galician audio (Sheet 18 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|---------------------|--------------------------|------------------|
| penny                                        | penny<br>(UK)       | flat                     | glg1272          |
|                                              |                     | rising                   | glg1273          |
|                                              |                     | falling                  | glg1274          |
| pence                                        | pence<br>(UK)       | flat                     | glg1276          |
|                                              |                     | rising                   | glg1277          |
|                                              |                     | falling                  | glg1278          |
| euro                                         | euro<br>(Euro)      | flat                     | glg1280          |
|                                              |                     | rising                   | glg1281          |
|                                              |                     | falling                  | glg1282          |
| euros                                        | euros<br>(Euro)     | flat                     | glg1284          |
|                                              |                     | rising                   | glg1285          |
|                                              |                     | falling                  | glg1286          |
| eurocent                                     | eurocent<br>(Euro)  | flat                     | glg1288          |
|                                              |                     | rising                   | glg1289          |
|                                              |                     | falling                  | glg1290          |
| eurocents                                    | eurocents<br>(Euro) | flat                     | glg1292          |
|                                              |                     | rising                   | glg1293          |
|                                              |                     | falling                  | glg1294          |
| franc                                        | franc<br>(France)   | flat                     | glg1296          |
|                                              |                     | rising                   | glg1297          |
|                                              |                     | falling                  | glg1298          |
| francs                                       | francs<br>(France)  | flat                     | glg1300          |
|                                              |                     | rising                   | glg1301          |
|                                              |                     | falling                  | glg1302          |
| centime                                      | centime<br>(France) | flat                     | glg1304          |
|                                              |                     | rising                   | glg1305          |
|                                              |                     | falling                  | glg1306          |

**Galician audio (Sheet 19 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|---------------------------|--------------------------|------------------|
| centimes                                     | centimes<br>(France)      | flat                     | glg1308          |
|                                              |                           | rising                   | glg1309          |
|                                              |                           | falling                  | glg1310          |
| peseta                                       | peseta<br>(Spain)         | flat                     | glg1312          |
|                                              |                           | rising                   | glg1313          |
|                                              |                           | falling                  | glg1314          |
| pesetas                                      | pesetas<br>(Spain)        | flat                     | glg1316          |
|                                              |                           | rising                   | glg1317          |
|                                              |                           | falling                  | glg1318          |
| peso                                         | peso<br>(Philippines)     | flat                     | glg1328          |
|                                              |                           | rising                   | glg1329          |
|                                              |                           | falling                  | glg1330          |
| pesos                                        | pesos<br>(Philippines)    | flat                     | glg1332          |
|                                              |                           | rising                   | glg1333          |
|                                              |                           | falling                  | glg1334          |
| centavo                                      | centavo<br>(Philippines)  | flat                     | glg1336          |
|                                              |                           | rising                   | glg1337          |
|                                              |                           | falling                  | glg1338          |
| centavos                                     | centavos<br>(Philippines) | flat                     | glg1340          |
|                                              |                           | rising                   | glg1341          |
|                                              |                           | falling                  | glg1342          |
| ringgit                                      | ringgit<br>(Malaysia)     | flat                     | glg1344          |
|                                              |                           | rising                   | glg1345          |
|                                              |                           | falling                  | glg1346          |
| ringgits                                     | ringgits<br>(Malaysia)    | flat                     | glg1348          |
|                                              |                           | rising                   | glg1349          |
|                                              |                           | falling                  | glg1350          |

**Galician audio (Sheet 20 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|-----------------------|--------------------------|------------------|
| sen                                          | sen<br>(Malaysia)     | flat                     | glg1352          |
|                                              |                       | rising                   | glg1353          |
|                                              |                       | falling                  | glg1354          |
| sens                                         | sens<br>(Malaysia)    | flat                     | glg1356          |
|                                              |                       | rising                   | glg1357          |
|                                              |                       | falling                  | glg1358          |
| baht                                         | baht<br>(Thailand)    | flat                     | glg1360          |
|                                              |                       | rising                   | glg1361          |
|                                              |                       | falling                  | glg1362          |
| bahts                                        | bahts<br>(Thailand)   | flat                     | glg1364          |
|                                              |                       | rising                   | glg1365          |
|                                              |                       | falling                  | glg1366          |
| satang                                       | satang<br>(Thailand)  | flat                     | glg1368          |
|                                              |                       | rising                   | glg1369          |
|                                              |                       | falling                  | glg1370          |
| satangs                                      | satangs<br>(Thailand) | flat                     | glg1372          |
|                                              |                       | rising                   | glg1373          |
|                                              |                       | falling                  | glg1374          |
| won                                          | won<br>(Korea)        | flat                     | glg1376          |
|                                              |                       | rising                   | glg1377          |
|                                              |                       | falling                  | glg1378          |
| wons                                         | wons<br>(Korea)       | flat                     | glg1380          |
|                                              |                       | rising                   | glg1381          |
|                                              |                       | falling                  | glg1382          |
| franc                                        | franc<br>(Belgium)    | flat                     | glg1384          |
|                                              |                       | rising                   | glg1385          |
|                                              |                       | falling                  | glg1386          |

**Galician audio (Sheet 21 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|------------------------|--------------------------|------------------|
| francs                                       | francs<br>(Belgium)    | flat                     | glg 1388         |
|                                              |                        | rising                   | glg1389          |
|                                              |                        | falling                  | glg1390          |
| centime                                      | centime<br>(Belgium)   | flat                     | glg1392          |
|                                              |                        | rising                   | glg1393          |
|                                              |                        | falling                  | glg1394          |
| centimes                                     | centimes<br>(Belgium)  | flat                     | glg1396          |
|                                              |                        | rising                   | glg1397          |
|                                              |                        | falling                  | glg1398          |
| dollar                                       | dollar<br>(Canada)     | flat                     | glg1400          |
|                                              |                        | rising                   | glg1401          |
|                                              |                        | falling                  | glg1402          |
| dollars                                      | dollars<br>(Canada)    | flat                     | glg1404          |
|                                              |                        | rising                   | glg1405          |
|                                              |                        | falling                  | glg1406          |
| cent                                         | cent<br>(Canada)       | flat                     | glg1408          |
|                                              |                        | rising                   | glg1409          |
|                                              |                        | falling                  | glg1410          |
| cents                                        | cents<br>(Canada)      | flat                     | glg1412          |
|                                              |                        | rising                   | glg1413          |
|                                              |                        | falling                  | glg1414          |
| dollar                                       | dollar<br>(Hong Kong)  | flat                     | glg1416          |
|                                              |                        | rising                   | glg1417          |
|                                              |                        | falling                  | glg1418          |
| dollars                                      | dollars<br>(Hong Kong) | flat                     | glg1420          |
|                                              |                        | rising                   | glg1421          |
|                                              |                        | falling                  | glg1422          |

**Galician audio (Sheet 22 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|------------------------|--------------------------|------------------|
| cent                                         | cent<br>(Hong Kong)    | flat                     | glg1424          |
|                                              |                        | rising                   | glg1425          |
|                                              |                        | falling                  | glg1426          |
| cents                                        | cents<br>(Hong Kong)   | flat                     | glg1428          |
|                                              |                        | rising                   | glg1429          |
|                                              |                        | falling                  | glg1430          |
| gok                                          | gok<br>(Hong Kong)     | flat                     | glg1488          |
|                                              |                        | rising                   | glg1489          |
|                                              |                        | falling                  | glg1490          |
| goks                                         | goks<br>(Hong Kong)    | flat                     | glg1492          |
|                                              |                        | rising                   | glg1493          |
|                                              |                        | falling                  | glg1494          |
| escudo                                       | escudo<br>(Portugal)   | flat                     | glg1432          |
|                                              |                        | rising                   | glg1433          |
|                                              |                        | falling                  | glg1434          |
| escudos                                      | escudos<br>(Portugal)  | flat                     | glg1436          |
|                                              |                        | rising                   | glg1437          |
|                                              |                        | falling                  | glg1438          |
| centavo                                      | centavo<br>(Portugal)  | flat                     | glg1440          |
|                                              |                        | rising                   | glg1441          |
|                                              |                        | falling                  | glg1442          |
| centavos                                     | centavos<br>(Portugal) | flat                     | glg1444          |
|                                              |                        | rising                   | glg1445          |
|                                              |                        | falling                  | glg1446          |
| yuan                                         | yuan<br>(China)        | flat                     | glg1448          |
|                                              |                        | rising                   | glg1449          |
|                                              |                        | falling                  | glg1450          |

**Galician audio (Sheet 23 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|---------------------|--------------------------|------------------|
| yuans                                        | yuans<br>(China)    | flat                     | glg1452          |
|                                              |                     | rising                   | glg1453          |
|                                              |                     | falling                  | glg1454          |
| jiao                                         | jiao<br>(China)     | flat                     | glg1456          |
|                                              |                     | rising                   | glg1457          |
|                                              |                     | falling                  | glg1458          |
| jiaos                                        | jiaos<br>(China)    | flat                     | glg1460          |
|                                              |                     | rising                   | glg1461          |
|                                              |                     | falling                  | glg1462          |
| fen                                          | fen<br>(China)      | flat                     | glg1464          |
|                                              |                     | rising                   | glg1465          |
|                                              |                     | falling                  | glg1466          |
| fens                                         | fens<br>(China)     | flat                     | glg1468          |
|                                              |                     | rising                   | glg1469          |
|                                              |                     | falling                  | glg1470          |
| pound                                        | pound<br>(Ireland)  | flat                     | glg1472          |
|                                              |                     | rising                   | glg1473          |
|                                              |                     | falling                  | glg1474          |
| pounds                                       | pounds<br>(Ireland) | flat                     | glg1476          |
|                                              |                     | rising                   | glg1477          |
|                                              |                     | falling                  | glg1478          |
| penny                                        | penny<br>(Ireland)  | flat                     | glg1480          |
|                                              |                     | rising                   | glg1481          |
|                                              |                     | falling                  | glg1482          |
| pence                                        | pence<br>(Ireland)  | flat                     | glg1484          |
|                                              |                     | rising                   | glg1485          |
|                                              |                     | falling                  | glg1486          |

**Galician audio (Sheet 24 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|---------------------|--------------------------|------------------|
| un                                           | one<br>(masc)       | flat                     | glg920           |
|                                              |                     | rising                   | glg921           |
|                                              |                     | falling                  | glg922           |
| unha                                         | one<br>(fem)        | flat                     | glg924           |
|                                              |                     | rising                   | glg925           |
|                                              |                     | falling                  | glg926           |
| duas                                         | two<br>(fem)        | flat                     | glg928           |
|                                              |                     | rising                   | glg929           |
|                                              |                     | falling                  | glg930           |
| vinteunha                                    | twenty-one<br>(fem) | flat                     | glg932           |
|                                              |                     | rising                   | glg933           |
|                                              |                     | falling                  | glg934           |
| vintiduas                                    | twenty-two<br>(fem) | flat                     | glg936           |
|                                              |                     | rising                   | glg937           |
|                                              |                     | falling                  | glg938           |
| duascentas                                   | 200<br>(fem)        | flat                     | glg940           |
|                                              |                     | rising                   | glg941           |
|                                              |                     | falling                  | glg942           |
| trescentas                                   | 300<br>(fem)        | flat                     | glg944           |
|                                              |                     | rising                   | glg945           |
|                                              |                     | falling                  | glg946           |
| catrocentas                                  | 400<br>(fem)        | flat                     | glg948           |
|                                              |                     | rising                   | glg949           |
|                                              |                     | falling                  | glg950           |
| cincocentas                                  | 500<br>(fem)        | flat                     | glg952           |
|                                              |                     | rising                   | glg953           |
|                                              |                     | falling                  | glg954           |

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| <b>Galician phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|-----------------|--------------------------|------------------|
| seiscentas                                   | 600<br>(fem)    | flat                     | glg956           |
|                                              |                 | rising                   | glg957           |
|                                              |                 | falling                  | glg958           |
| setecentas                                   | 700<br>(fem)    | flat                     | glg960           |
|                                              |                 | rising                   | glg961           |
|                                              |                 | falling                  | glg962           |
| oitocentas                                   | 800<br>(fem)    | flat                     | glg964           |
|                                              |                 | rising                   | glg965           |
|                                              |                 | falling                  | glg966           |
| novecentas                                   | 900<br>(fem)    | flat                     | glg968           |
|                                              |                 | rising                   | glg969           |
|                                              |                 | falling                  | glg970           |
| milions                                      | millions        | flat                     | glg972           |
|                                              |                 | rising                   | glg973           |
|                                              |                 | falling                  | glg974           |
| de                                           | of              | flat                     | glg980           |
|                                              |                 | rising                   | glg981           |
|                                              |                 | falling                  | glg982           |
| primeira                                     | first<br>(fem)  | flat                     | glg984           |
|                                              |                 | rising                   | glg985           |
|                                              |                 | falling                  | glg986           |
| segunda                                      | second<br>(fem) | flat                     | glg988           |
|                                              |                 | rising                   | glg989           |
|                                              |                 | falling                  | glg990           |
| terceira                                     | third<br>(fem)  | flat                     | glg992           |
|                                              |                 | rising                   | glg993           |
|                                              |                 | falling                  | glg994           |

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| <b>Galician phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| cuarta                                       | fourth         | flat                     | glg996           |
|                                              | (fem)          | rising                   | glg997           |
|                                              |                | falling                  | glg998           |
| quinta                                       | fifth          | flat                     | glg1000          |
|                                              | (fem)          | rising                   | glg1001          |
|                                              |                | falling                  | glg1002          |
| sexta                                        | sixth          | flat                     | glg1004          |
|                                              | (fem)          | rising                   | glg1005          |
|                                              |                | falling                  | glg1006          |
| setima                                       | seventh        | flat                     | glg1008          |
|                                              | (fem)          | rising                   | glg1009          |
|                                              |                | falling                  | glg1010          |
| oitava                                       | eighth         | flat                     | glg1012          |
|                                              | (fem)          | rising                   | glg1013          |
|                                              |                | falling                  | glg1014          |
| novena                                       | ninth          | flat                     | glg1016          |
|                                              | (fem)          | rising                   | glg1017          |
|                                              |                | falling                  | glg1018          |
| decima                                       | tenth          | flat                     | glg1020          |
|                                              | (fem)          | rising                   | glg1021          |
|                                              |                | falling                  | glg1022          |
| decimo primeira                              | eleventh       | flat                     | glg1024          |
|                                              | (fem)          | rising                   | glg1025          |
|                                              |                | falling                  | glg1026          |
| decimo segunda                               | twelfth        | flat                     | glg1028          |
|                                              | (fem)          | rising                   | glg1029          |
|                                              |                | falling                  | glg1030          |

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| <b>Galician phrase or English equivalent</b> | <b>English</b>       | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------------|--------------------------|------------------|
| decimo terceira                              | thirteenth<br>(fem)  | flat                     | glg1032          |
|                                              |                      | rising                   | glg1033          |
|                                              |                      | falling                  | glg1034          |
| decimo cuarta                                | fourteenth<br>(fem)  | flat                     | glg1036          |
|                                              |                      | rising                   | glg1037          |
|                                              |                      | falling                  | glg1038          |
| decimo quinta                                | fifteenth<br>(fem)   | flat                     | glg1040          |
|                                              |                      | rising                   | glg1041          |
|                                              |                      | falling                  | glg1042          |
| decimo sexta                                 | sixteenth<br>(fem)   | flat                     | glg1044          |
|                                              |                      | rising                   | glg1045          |
|                                              |                      | falling                  | glg1046          |
| decimo setima                                | seventeenth<br>(fem) | flat                     | glg1048          |
|                                              |                      | rising                   | glg1049          |
|                                              |                      | falling                  | glg1050          |
| decimo oitava                                | eighteenth<br>(fem)  | flat                     | glg1052          |
|                                              |                      | rising                   | glg1053          |
|                                              |                      | falling                  | glg1054          |
| decimo novena                                | nineteenth<br>(fem)  | flat                     | glg1056          |
|                                              |                      | rising                   | glg1057          |
|                                              |                      | falling                  | glg1058          |
| vixesima                                     | twentieth<br>(fem)   | flat                     | glg1060          |
|                                              |                      | rising                   | glg1061          |
|                                              |                      | falling                  | glg1062          |
| trixesima                                    | thirtieth<br>(fem)   | flat                     | glg1064          |
|                                              |                      | rising                   | glg1065          |
|                                              |                      | falling                  | glg1066          |

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| <b>Galician phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|--------------------------|--------------------------|------------------|
| cuadraxesima                                 | fortieth<br>(fem)        | flat                     | glg1068          |
|                                              |                          | rising                   | glg1069          |
|                                              |                          | falling                  | glg1070          |
| quincuaxesima                                | fiftieth<br>(fem)        | flat                     | glg1072          |
|                                              |                          | rising                   | glg1073          |
|                                              |                          | falling                  | glg1074          |
| sexaxesima                                   | sixtieth<br>(fem)        | flat                     | glg1076          |
|                                              |                          | rising                   | glg1077          |
|                                              |                          | falling                  | glg1078          |
| septuaxesima                                 | seventieth<br>(fem)      | flat                     | glg1080          |
|                                              |                          | rising                   | glg1081          |
|                                              |                          | falling                  | glg1082          |
| octaxesima                                   | eightieth<br>(fem)       | flat                     | glg1084          |
|                                              |                          | rising                   | glg1085          |
|                                              |                          | falling                  | glg1086          |
| nonaxesima                                   | ninetieth<br>(fem)       | flat                     | glg1088          |
|                                              |                          | rising                   | glg1089          |
|                                              |                          | falling                  | glg1090          |
| centesima                                    | one-hundredth<br>(fem)   | flat                     | glg1092          |
|                                              |                          | rising                   | glg1093          |
|                                              |                          | falling                  | glg1094          |
| primeiros                                    | first<br>(plural, masc)  | flat                     | glg1536          |
|                                              |                          | rising                   | glg1537          |
|                                              |                          | falling                  | glg1538          |
| segundos                                     | second<br>(plural, masc) | flat                     | glg1540          |
|                                              |                          | rising                   | glg1541          |
|                                              |                          | falling                  | glg1542          |

**Galician audio (Sheet 29 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>             | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------------------|--------------------------|------------------|
| terceiros                                    | third<br>(plural, masc)    | flat                     | glg1544          |
|                                              |                            | rising                   | glg1545          |
|                                              |                            | falling                  | glg1546          |
| cuartos                                      | fourth<br>(plural, masc)   | flat                     | glg1548          |
|                                              |                            | rising                   | glg1549          |
|                                              |                            | falling                  | glg1550          |
| quintos                                      | fifth<br>(plural, masc)    | flat                     | glg1552          |
|                                              |                            | rising                   | glg1553          |
|                                              |                            | falling                  | glg1554          |
| sextos                                       | sixth<br>(plural, masc)    | flat                     | glg1556          |
|                                              |                            | rising                   | glg1557          |
|                                              |                            | falling                  | glg1558          |
| setimos                                      | seventh<br>(plural, masc)  | flat                     | glg1560          |
|                                              |                            | rising                   | glg1561          |
|                                              |                            | falling                  | glg1562          |
| oitavos                                      | eighth<br>(plural, masc)   | flat                     | glg1564          |
|                                              |                            | rising                   | glg1565          |
|                                              |                            | falling                  | glg1566          |
| novenos                                      | ninth<br>(plural, masc)    | flat                     | glg1568          |
|                                              |                            | rising                   | glg1569          |
|                                              |                            | falling                  | glg1570          |
| decimos                                      | tenth<br>(plural, masc)    | flat                     | glg1572          |
|                                              |                            | rising                   | glg1573          |
|                                              |                            | falling                  | glg1574          |
| decimos primeiros                            | eleventh<br>(plural, masc) | flat                     | glg1576          |
|                                              |                            | rising                   | glg1577          |
|                                              |                            | falling                  | glg1578          |

**Galician audio (Sheet 30 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>                | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|-------------------------------|--------------------------|------------------|
| decimos segundos                             | twelfth<br>(plural, masc)     | flat                     | glg1580          |
|                                              |                               | rising                   | glg1581          |
|                                              |                               | falling                  | glg1582          |
| decimo terceiros                             | thirteenth<br>(plural, masc)  | flat                     | glg1584          |
|                                              |                               | rising                   | glg1585          |
|                                              |                               | falling                  | glg1586          |
| decimo cuartos                               | fourteenth<br>(plural, masc)  | flat                     | glg1588          |
|                                              |                               | rising                   | glg1589          |
|                                              |                               | falling                  | glg1590          |
| decimo quintos                               | fifteenth<br>(plural, masc)   | flat                     | glg1592          |
|                                              |                               | rising                   | glg1593          |
|                                              |                               | falling                  | glg1594          |
| decimo sextos                                | sixteenth<br>(plural, masc)   | flat                     | glg1596          |
|                                              |                               | rising                   | glg1597          |
|                                              |                               | falling                  | glg1598          |
| decimo setimos                               | seventeenth<br>(plural, masc) | flat                     | glg1600          |
|                                              |                               | rising                   | glg1601          |
|                                              |                               | falling                  | glg1602          |
| decimo oitavos                               | eighteenth<br>(plural, masc)  | flat                     | glg1604          |
|                                              |                               | rising                   | glg1605          |
|                                              |                               | falling                  | glg1606          |
| decimo novenos                               | nineteenth<br>(plural, masc)  | flat                     | glg1608          |
|                                              |                               | rising                   | glg1609          |
|                                              |                               | falling                  | glg1610          |
| vixesimos                                    | twentieth<br>(plural, masc)   | flat                     | glg1612          |
|                                              |                               | rising                   | glg1613          |
|                                              |                               | falling                  | glg1614          |

**Galician audio (Sheet 31 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>                  | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|---------------------------------|--------------------------|------------------|
| trixesimos                                   | thirtieth<br>(plural, masc)     | flat                     | glg1616          |
|                                              |                                 | rising                   | glg1617          |
|                                              |                                 | falling                  | glg1618          |
| cuadraxesimos                                | fortieth<br>(plural, masc)      | flat                     | glg1620          |
|                                              |                                 | rising                   | glg1621          |
|                                              |                                 | falling                  | glg1622          |
| quincuaxesimos                               | fiftieth<br>(plural, masc)      | flat                     | glg1624          |
|                                              |                                 | rising                   | glg1625          |
|                                              |                                 | falling                  | glg1626          |
| sexaxesimos                                  | sixtieth<br>(plural, masc)      | flat                     | glg1628          |
|                                              |                                 | rising                   | glg1629          |
|                                              |                                 | falling                  | glg1630          |
| septuaxesimos                                | seventieth<br>(plural, masc)    | flat                     | glg1632          |
|                                              |                                 | rising                   | glg1633          |
|                                              |                                 | falling                  | glg1634          |
| octaxesimos                                  | eightieth<br>(plural, masc)     | flat                     | glg1636          |
|                                              |                                 | rising                   | glg1637          |
|                                              |                                 | falling                  | glg1638          |
| nonaxesimos                                  | ninetieth<br>(plural, masc)     | flat                     | glg1640          |
|                                              |                                 | rising                   | glg1641          |
|                                              |                                 | falling                  | glg1642          |
| centesimos                                   | one-hundredth<br>(plural, masc) | flat                     | glg1644          |
|                                              |                                 | rising                   | glg1645          |
|                                              |                                 | falling                  | glg1646          |
| primeiras                                    | first<br>(fem, plural)          | flat                     | glg1728          |
|                                              |                                 | rising                   | glg1729          |
|                                              |                                 | falling                  | glg1730          |

**Galician audio (Sheet 32 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|--------------------------|--------------------------|------------------|
| segundas                                     | second<br>(fem, plural)  | flat                     | glg1732          |
|                                              |                          | rising                   | glg1733          |
|                                              |                          | falling                  | glg1734          |
| terceiras                                    | third<br>(fem, plural)   | flat                     | glg1736          |
|                                              |                          | rising                   | glg1737          |
|                                              |                          | falling                  | glg1738          |
| cuartas                                      | fourth<br>(fem, plural)  | flat                     | glg 1740         |
|                                              |                          | rising                   | glg1741          |
|                                              |                          | falling                  | glg1742          |
| quintas                                      | fifth<br>(fem, plural)   | flat                     | glg1744          |
|                                              |                          | rising                   | glg1745          |
|                                              |                          | falling                  | glg1746          |
| sextas                                       | sixth<br>(fem, plural)   | flat                     | glg1748          |
|                                              |                          | rising                   | glg1749          |
|                                              |                          | falling                  | glg1750          |
| setimas                                      | seventh<br>(fem, plural) | flat                     | glg1752          |
|                                              |                          | rising                   | glg1753          |
|                                              |                          | falling                  | glg1754          |
| oitavas                                      | eighth<br>(fem, plural)  | flat                     | glg1756          |
|                                              |                          | rising                   | glg1757          |
|                                              |                          | falling                  | glg1758          |
| novenas                                      | ninth<br>(fem, plural)   | flat                     | glg1760          |
|                                              |                          | rising                   | glg1761          |
|                                              |                          | falling                  | glg1762          |
| decimas                                      | tenth<br>(fem, plural)   | flat                     | glg1764          |
|                                              |                          | rising                   | glg1765          |
|                                              |                          | falling                  | glg1766          |

**Galician audio (Sheet 33 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>               | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|------------------------------|--------------------------|------------------|
| decimo primeiras                             | eleventh<br>(fem, plural)    | flat                     | glg1768          |
|                                              |                              | rising                   | glg1769          |
|                                              |                              | falling                  | glg1770          |
| decimo segundas                              | twelfth<br>(fem, plural)     | flat                     | glg1772          |
|                                              |                              | rising                   | glg1773          |
|                                              |                              | falling                  | glg1774          |
| decimo terceiras                             | thirteenth<br>(fem, plural)  | flat                     | glg1776          |
|                                              |                              | rising                   | glg1777          |
|                                              |                              | falling                  | glg1778          |
| decimo cuartas                               | fourteenth<br>(fem, plural)  | flat                     | glg1780          |
|                                              |                              | rising                   | glg1781          |
|                                              |                              | falling                  | glg1782          |
| decimo quintas                               | fifteenth<br>(fem, plural)   | flat                     | glg1784          |
|                                              |                              | rising                   | glg1785          |
|                                              |                              | falling                  | glg1786          |
| decimo sextas                                | sixteenth<br>(fem, plural)   | flat                     | glg1788          |
|                                              |                              | rising                   | glg1789          |
|                                              |                              | falling                  | glg1790          |
| decimo setimas                               | seventeenth<br>(fem, plural) | flat                     | glg1792          |
|                                              |                              | rising                   | glg1793          |
|                                              |                              | falling                  | glg1794          |
| decimo oitavas                               | eighteenth<br>(fem, plural)  | flat                     | glg1796          |
|                                              |                              | rising                   | glg1797          |
|                                              |                              | falling                  | glg1798          |
| decimo novenas                               | nineteenth<br>(fem, plural)  | flat                     | glg1800          |
|                                              |                              | rising                   | glg1801          |
|                                              |                              | falling                  | glg1802          |

**Galician audio (Sheet 34 of 34)**

| <b>Galician phrase or English equivalent</b> | <b>English</b>                 | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|--------------------------------|--------------------------|------------------|
| vixesimas                                    | twentieth<br>(fem, plural)     | flat                     | glg1804          |
|                                              |                                | rising                   | glg1805          |
|                                              |                                | falling                  | glg1806          |
| trixesimas                                   | thirtieth<br>(fem, plural)     | flat                     | glg1808          |
|                                              |                                | rising                   | glg1809          |
|                                              |                                | falling                  | glg1810          |
| cuadraxesimas                                | fortieth<br>(fem, plural)      | flat                     | glg1812          |
|                                              |                                | rising                   | glg1813          |
|                                              |                                | falling                  | glg1814          |
| quincuaxesimas                               | fiftieth<br>(fem, plural)      | flat                     | glg1816          |
|                                              |                                | rising                   | glg1817          |
|                                              |                                | falling                  | glg1818          |
| sexaxesimas                                  | sixtieth<br>(fem, plural)      | flat                     | glg1820          |
|                                              |                                | rising                   | glg1821          |
|                                              |                                | falling                  | glg1822          |
| septuaxesimas                                | seventieth<br>(fem, plural)    | flat                     | glg1824          |
|                                              |                                | rising                   | glg1825          |
|                                              |                                | falling                  | glg1826          |
| octaxesimas                                  | eightieth<br>(fem, plural)     | flat                     | glg1828          |
|                                              |                                | rising                   | glg1829          |
|                                              |                                | falling                  | glg1830          |
| nonaxesimas                                  | ninetieth<br>(fem, plural)     | flat                     | glg1832          |
|                                              |                                | rising                   | glg1833          |
|                                              |                                | falling                  | glg1834          |
| centesimas                                   | one-hundredth<br>(fem, plural) | flat                     | glg1836          |
|                                              |                                | rising                   | glg1837          |
|                                              |                                | falling                  | glg1838          |

## German audio files

**Note 1:** Audio file names deu508–deu610 are optional. Only record the files if the user provisions the string functionality on the system.

**Note 2:** Only record audio file names deu1200–deu1214 and deu1232–deu1278 if the user provisions currency on the system.

### German audio (Sheet 1 of 27)

| German phrase or English equivalent | English                     | Phrase intonation | File name |
|-------------------------------------|-----------------------------|-------------------|-----------|
| null                                | zero                        | flat              | deu0      |
|                                     |                             | rising            | deu1      |
|                                     |                             | falling           | deu2      |
| eins                                | one<br>(neutral - counting) | flat              | deu8      |
|                                     |                             | rising            | deu9      |
|                                     |                             | falling           | deu10     |
| zwei                                | two                         | flat              | deu12     |
|                                     |                             | rising            | deu13     |
|                                     |                             | falling           | deu14     |
| drei                                | three                       | flat              | deu16     |
|                                     |                             | rising            | deu17     |
|                                     |                             | falling           | deu18     |
| vier                                | four                        | flat              | deu20     |
|                                     |                             | rising            | deu21     |
|                                     |                             | falling           | deu22     |
| fuenf                               | five                        | flat              | deu24     |
|                                     |                             | rising            | deu25     |
|                                     |                             | falling           | deu26     |
| sechs                               | six                         | flat              | deu28     |
|                                     |                             | rising            | deu29     |
|                                     |                             | falling           | deu30     |

**German audio (Sheet 2 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| sieben                                     | seven          | flat                     | deu32            |
|                                            |                | rising                   | deu33            |
|                                            |                | falling                  | deu34            |
| acht                                       | eight          | flat                     | deu36            |
|                                            |                | rising                   | deu37            |
|                                            |                | falling                  | deu38            |
| neun                                       | nine           | flat                     | deu40            |
|                                            |                | rising                   | deu41            |
|                                            |                | falling                  | deu42            |
| zehn                                       | ten            | flat                     | deu56            |
|                                            |                | rising                   | deu57            |
|                                            |                | falling                  | deu58            |
| elf                                        | eleven         | flat                     | deu60            |
|                                            |                | rising                   | deu61            |
|                                            |                | falling                  | deu62            |
| zwoelf                                     | twelve         | flat                     | deu64            |
|                                            |                | rising                   | deu65            |
|                                            |                | falling                  | deu66            |
| dreizehn                                   | thirteen       | flat                     | deu68            |
|                                            |                | rising                   | deu69            |
|                                            |                | falling                  | deu70            |
| vierzehn                                   | fourteen       | flat                     | deu72            |
|                                            |                | rising                   | deu73            |
|                                            |                | falling                  | deu74            |
| fuenfzehn                                  | fifteen        | flat                     | deu76            |
|                                            |                | rising                   | deu77            |
|                                            |                | falling                  | deu78            |

**German audio (Sheet 3 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| sechszehn                                  | sixteen        | flat                     | deu80            |
|                                            |                | rising                   | deu81            |
|                                            |                | falling                  | deu82            |
| siebzehn                                   | seventeen      | flat                     | deu84            |
|                                            |                | rising                   | deu85            |
|                                            |                | falling                  | deu86            |
| achtzehn                                   | eighteen       | flat                     | deu88            |
|                                            |                | rising                   | deu89            |
|                                            |                | falling                  | deu90            |
| neunzehn                                   | nineteen       | flat                     | deu92            |
|                                            |                | rising                   | deu93            |
|                                            |                | falling                  | deu94            |
| zwanzig                                    | twenty         | flat                     | deu96            |
|                                            |                | rising                   | deu97            |
|                                            |                | falling                  | deu98            |
| dreizig                                    | thirty         | flat                     | deu100           |
|                                            |                | rising                   | deu101           |
|                                            |                | falling                  | deu102           |
| vierzig                                    | forty          | flat                     | deu104           |
|                                            |                | rising                   | deu105           |
|                                            |                | falling                  | deu106           |
| fuenfzig                                   | fifty          | flat                     | deu108           |
|                                            |                | rising                   | deu109           |
|                                            |                | falling                  | deu110           |
| sechzig                                    | sixty          | flat                     | deu112           |
|                                            |                | rising                   | deu113           |
|                                            |                | falling                  | deu114           |

**German audio (Sheet 4 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| siebzig                                    | seventy        | flat                     | deu116           |
|                                            |                | rising                   | deu117           |
|                                            |                | falling                  | deu118           |
| achtzig                                    | eighty         | flat                     | deu120           |
|                                            |                | rising                   | deu121           |
|                                            |                | falling                  | deu122           |
| neunzig                                    | ninety         | flat                     | deu124           |
|                                            |                | rising                   | deu125           |
|                                            |                | falling                  | deu126           |
| einhundert                                 | one-hundred    | flat                     | deu132           |
|                                            |                | rising                   | deu133           |
|                                            |                | falling                  | deu134           |
| zweihundert                                | two-hundred    | flat                     | deu136           |
|                                            |                | rising                   | deu137           |
|                                            |                | falling                  | deu138           |
| dreihundert                                | three-hundred  | flat                     | deu140           |
|                                            |                | rising                   | deu141           |
|                                            |                | falling                  | deu142           |
| vierhundert                                | four-hundred   | flat                     | deu144           |
|                                            |                | rising                   | deu145           |
|                                            |                | falling                  | deu146           |
| fuenfhundert                               | five-hundred   | flat                     | deu148           |
|                                            |                | rising                   | deu149           |
|                                            |                | falling                  | deu150           |
| sechshundert                               | six-hundred    | flat                     | deu152           |
|                                            |                | rising                   | deu153           |
|                                            |                | falling                  | deu154           |

**German audio (Sheet 5 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|--------------------|--------------------------|------------------|
| siebenhundert                              | seven-hundred      | flat                     | deu156           |
|                                            |                    | rising                   | deu157           |
|                                            |                    | falling                  | deu158           |
| achthundert                                | eight-hundred      | flat                     | deu160           |
|                                            |                    | rising                   | deu161           |
|                                            |                    | falling                  | deu162           |
| neunhundert                                | nine-hundred       | flat                     | deu164           |
|                                            |                    | rising                   | deu165           |
|                                            |                    | falling                  | deu166           |
| ein                                        | one<br>(masculine) | flat                     | deu1500          |
|                                            |                    | rising                   | deu1501          |
|                                            |                    | falling                  | deu1502          |
| eine                                       | one<br>(masculine) | flat                     | deu1504          |
|                                            |                    | rising                   | deu1505          |
|                                            |                    | falling                  | deu1506          |
| tausend                                    | thousand           | flat                     | deu496           |
|                                            |                    | rising                   | deu497           |
|                                            |                    | falling                  | deu498           |
| eintausend                                 | one-thousand       | flat                     | deu172           |
|                                            |                    | rising                   | deu173           |
|                                            |                    | falling                  | deu174           |
| zweitausend                                | two-thousand       | flat                     | deu176           |
|                                            |                    | rising                   | deu177           |
|                                            |                    | falling                  | deu178           |
| dreitausend                                | three-thousand     | flat                     | deu180           |
|                                            |                    | rising                   | deu181           |
|                                            |                    | falling                  | deu182           |

**German audio (Sheet 6 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------------|--------------------------|------------------|
| viertausend                                | four-thousand         | flat                     | deu184           |
|                                            |                       | rising                   | deu185           |
|                                            |                       | falling                  | deu186           |
| fuenftausend                               | five-thousand         | flat                     | deu188           |
|                                            |                       | rising                   | deu189           |
|                                            |                       | falling                  | deu190           |
| sechstausend                               | six-thousand          | flat                     | deu192           |
|                                            |                       | rising                   | deu193           |
|                                            |                       | falling                  | deu194           |
| siebentausend                              | seven-thousand        | flat                     | deu196           |
|                                            |                       | rising                   | deu197           |
|                                            |                       | falling                  | deu198           |
| achttausend                                | eight-thousand        | flat                     | deu200           |
|                                            |                       | rising                   | deu201           |
|                                            |                       | falling                  | deu202           |
| neuntausend                                | nine-thousand         | flat                     | deu204           |
|                                            |                       | rising                   | deu205           |
|                                            |                       | falling                  | deu206           |
| Million                                    | million<br>(singular) | flat                     | deu500           |
|                                            |                       | rising                   | deu501           |
|                                            |                       | falling                  | deu502           |
| Millionen                                  | million<br>(plural)   | flat                     | deu1544          |
|                                            |                       | rising                   | deu1545          |
|                                            |                       | falling                  | deu1546          |
| Billion                                    | billion               | flat                     | deu504           |
|                                            |                       | rising                   | deu505           |
|                                            |                       | falling                  | deu506           |

**German audio (Sheet 7 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| "ein und"                                  | "1 and"        | flat                     | deu1508          |
|                                            |                | rising                   | deu1509          |
|                                            |                | falling                  | deu1510          |
| "zwei und"                                 | "2 and"        | flat                     | deu1512          |
|                                            |                | rising                   | deu1513          |
|                                            |                | falling                  | deu1514          |
| "drei und"                                 | "3 and"        | flat                     | deu1516          |
|                                            |                | rising                   | deu1517          |
|                                            |                | falling                  | deu1518          |
| "vier und"                                 | "4 and"        | flat                     | deu1520          |
|                                            |                | rising                   | deu1521          |
|                                            |                | falling                  | deu1522          |
| "fuenf und"                                | "5 and"        | flat                     | deu1524          |
|                                            |                | rising                   | deu1525          |
|                                            |                | falling                  | deu1526          |
| "sechs und"                                | "6 and"        | flat                     | deu1528          |
|                                            |                | rising                   | deu1529          |
|                                            |                | falling                  | deu1530          |
| "sieben und"                               | "7 and"        | flat                     | deu1532          |
|                                            |                | rising                   | deu1533          |
|                                            |                | falling                  | deu1534          |
| "acht und"                                 | "8 and"        | flat                     | deu1536          |
|                                            |                | rising                   | deu1537          |
|                                            |                | falling                  | deu1538          |
| "neun und"                                 | "9 and"        | flat                     | deu1540          |
|                                            |                | rising                   | deu1541          |
|                                            |                | falling                  | deu1542          |

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| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | a              | flat                     | deu508           |
|                                            |                | rising                   | deu509           |
|                                            |                | falling                  | deu510           |
| optional                                   | b              | flat                     | deu512           |
|                                            |                | rising                   | deu513           |
|                                            |                | falling                  | deu514           |
| optional                                   | c              | flat                     | deu516           |
|                                            |                | rising                   | deu517           |
|                                            |                | falling                  | deu518           |
| optional                                   | d              | flat                     | deu520           |
|                                            |                | rising                   | deu521           |
|                                            |                | falling                  | deu522           |
| optional                                   | e              | flat                     | deu524           |
|                                            |                | rising                   | deu525           |
|                                            |                | falling                  | deu526           |
| optional                                   | f              | flat                     | deu528           |
|                                            |                | rising                   | deu529           |
|                                            |                | falling                  | deu530           |
| optional                                   | g              | flat                     | deu532           |
|                                            |                | rising                   | deu533           |
|                                            |                | falling                  | deu534           |
| optional                                   | h              | flat                     | deu536           |
|                                            |                | rising                   | deu537           |
|                                            |                | falling                  | deu538           |
| optional                                   | i              | flat                     | deu540           |
|                                            |                | rising                   | deu541           |
|                                            |                | falling                  | deu542           |

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| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | j              | flat                     | its544           |
|                                            |                | rising                   | deu545           |
|                                            |                | falling                  | deu546           |
| optional                                   | k              | flat                     | deu548           |
|                                            |                | rising                   | deu549           |
|                                            |                | falling                  | deu550           |
| optional                                   | l              | flat                     | deu552           |
|                                            |                | rising                   | deu553           |
|                                            |                | falling                  | deu554           |
| optional                                   | m              | flat                     | deu556           |
|                                            |                | rising                   | deu557           |
|                                            |                | falling                  | deu558           |
| optional                                   | n              | flat                     | deu560           |
|                                            |                | rising                   | deu561           |
|                                            |                | falling                  | deu562           |
| optional                                   | o              | flat                     | deu564           |
|                                            |                | rising                   | deu565           |
|                                            |                | falling                  | deu566           |
| optional                                   | p              | flat                     | deu568           |
|                                            |                | rising                   | deu569           |
|                                            |                | falling                  | deu570           |
| optional                                   | q              | flat                     | deu572           |
|                                            |                | rising                   | deu573           |
|                                            |                | falling                  | deu574           |
| optional                                   | r              | flat                     | deu576           |
|                                            |                | rising                   | deu577           |
|                                            |                | falling                  | deu578           |

**German audio (Sheet 10 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | s              | flat                     | deu580           |
|                                            |                | rising                   | deu581           |
|                                            |                | falling                  | deu582           |
| optional                                   | t              | flat                     | deu584           |
|                                            |                | rising                   | deu585           |
|                                            |                | falling                  | deu586           |
| optional                                   | u              | flat                     | deu588           |
|                                            |                | rising                   | deu589           |
|                                            |                | falling                  | deu590           |
| optional                                   | v              | flat                     | deu592           |
|                                            |                | rising                   | deu593           |
|                                            |                | falling                  | deu594           |
| optional                                   | w              | flat                     | deu596           |
|                                            |                | rising                   | deu597           |
|                                            |                | falling                  | deu598           |
| optional                                   | x              | flat                     | deu600           |
|                                            |                | rising                   | deu601           |
|                                            |                | falling                  | deu602           |
| optional                                   | y              | flat                     | deu604           |
|                                            |                | rising                   | deu605           |
|                                            |                | falling                  | deu606           |
| optional                                   | z              | flat                     | deu608           |
|                                            |                | rising                   | deu609           |
|                                            |                | falling                  | deu610           |
| minus                                      | negative       | flat                     | deu616           |
|                                            |                | rising                   | deu617           |
|                                            |                | falling                  | deu618           |

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| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| und                                        | and            | flat                     | deu620           |
|                                            |                | rising                   | deu621           |
|                                            |                | falling                  | deu622           |
| Stunde                                     | hour           | flat                     | deu624           |
|                                            |                | rising                   | deu625           |
|                                            |                | falling                  | deu626           |
| Stunden                                    | hours          | flat                     | deu628           |
|                                            |                | rising                   | deu629           |
|                                            |                | falling                  | deu630           |
| Minute                                     | minute         | flat                     | deu632           |
|                                            |                | rising                   | deu633           |
|                                            |                | falling                  | deu634           |
| Minuten                                    | minutes        | flat                     | deu636           |
|                                            |                | rising                   | deu637           |
|                                            |                | falling                  | deu638           |
| Sekunde                                    | second         | flat                     | deu640           |
|                                            |                | rising                   | deu641           |
|                                            |                | falling                  | deu642           |
| Sekunden                                   | seconds        | flat                     | deu644           |
|                                            |                | rising                   | deu645           |
|                                            |                | falling                  | deu646           |
| Uhr                                        | clock          | flat                     | deu1584          |
|                                            |                | rising                   | deu1585          |
|                                            |                | falling                  | deu1586          |
| Null                                       | null           | flat                     | deu1588          |
|                                            |                | rising                   | deu1589          |
|                                            |                | falling                  | deu1590          |

**German audio (Sheet 12 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| Januar                                     | January        | flat                     | deu648           |
|                                            |                | rising                   | deu649           |
|                                            |                | falling                  | deu650           |
| Februar                                    | February       | flat                     | deu652           |
|                                            |                | rising                   | deu653           |
|                                            |                | falling                  | deu654           |
| Maerz                                      | March          | flat                     | deu656           |
|                                            |                | rising                   | deu657           |
|                                            |                | falling                  | deu658           |
| April                                      | April          | flat                     | deu660           |
|                                            |                | rising                   | deu661           |
|                                            |                | falling                  | deu662           |
| Mai                                        | May            | flat                     | deu664           |
|                                            |                | rising                   | deu665           |
|                                            |                | falling                  | deu666           |
| Juni                                       | June           | flat                     | deu668           |
|                                            |                | rising                   | deu669           |
|                                            |                | falling                  | deu670           |
| Juli                                       | July           | flat                     | deu672           |
|                                            |                | rising                   | deu673           |
|                                            |                | falling                  | deu674           |
| August                                     | August         | flat                     | deu676           |
|                                            |                | rising                   | deu677           |
|                                            |                | falling                  | deu678           |
| September                                  | September      | flat                     | deu680           |
|                                            |                | rising                   | deu681           |
|                                            |                | falling                  | deu682           |

**German audio (Sheet 13 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| Oktober                                    | October        | flat                     | deu684           |
|                                            |                | rising                   | deu685           |
|                                            |                | falling                  | deu686           |
| November                                   | November       | flat                     | deu688           |
|                                            |                | rising                   | deu689           |
|                                            |                | falling                  | deu690           |
| Dezember                                   | December       | flat                     | deu692           |
|                                            |                | rising                   | deu693           |
|                                            |                | falling                  | deu694           |
| Sonntag                                    | Sunday         | flat                     | deu696           |
|                                            |                | rising                   | deu697           |
|                                            |                | falling                  | deu698           |
| Montag                                     | Monday         | flat                     | deu700           |
|                                            |                | rising                   | deu701           |
|                                            |                | falling                  | deu702           |
| Dienstag                                   | Tuesday        | flat                     | deu704           |
|                                            |                | rising                   | deu705           |
|                                            |                | falling                  | deu706           |
| Mittwoch                                   | Wednesday      | flat                     | deu708           |
|                                            |                | rising                   | deu709           |
|                                            |                | falling                  | deu710           |
| Donnerstag                                 | Thursday       | flat                     | deu712           |
|                                            |                | rising                   | deu713           |
|                                            |                | falling                  | deu714           |
| Freitag                                    | Friday         | flat                     | deu716           |
|                                            |                | rising                   | deu717           |
|                                            |                | falling                  | deu718           |

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| <b>German phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------|--------------------------|------------------|
| Samstag                                    | Saturday        | flat                     | deu720           |
|                                            |                 | rising                   | deu721           |
|                                            |                 | falling                  | deu722           |
| erste                                      | first<br>(masc) | flat                     | deu728           |
|                                            |                 | rising                   | deu729           |
|                                            |                 | falling                  | deu730           |
| zweite                                     | second          | flat                     | deu732           |
|                                            |                 | rising                   | deu733           |
|                                            |                 | falling                  | deu734           |
| dritte                                     | third           | flat                     | deu736           |
|                                            |                 | rising                   | deu737           |
|                                            |                 | falling                  | deu738           |
| vierte                                     | fourth          | flat                     | deu740           |
|                                            |                 | rising                   | deu741           |
|                                            |                 | falling                  | deu742           |
| fuenfte                                    | fifth           | flat                     | deu744           |
|                                            |                 | rising                   | deu745           |
|                                            |                 | falling                  | deu746           |
| sechste                                    | sixth           | flat                     | deu748           |
|                                            |                 | rising                   | deu749           |
|                                            |                 | falling                  | deu750           |
| siebte                                     | seventh         | flat                     | deu752           |
|                                            |                 | rising                   | deu753           |
|                                            |                 | falling                  | deu754           |
| achte                                      | eighth          | flat                     | deu756           |
|                                            |                 | rising                   | deu757           |
|                                            |                 | falling                  | deu758           |

**German audio (Sheet 15 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| neunte                                     | ninth          | flat                     | deu760           |
|                                            |                | rising                   | deu761           |
|                                            |                | falling                  | deu762           |
| zehnte                                     | tenth          | flat                     | deu764           |
|                                            |                | rising                   | deu765           |
|                                            |                | falling                  | deu766           |
| elfte                                      | eleventh       | flat                     | deu768           |
|                                            |                | rising                   | deu769           |
|                                            |                | falling                  | deu770           |
| zwoelfte                                   | twelfth        | flat                     | deu772           |
|                                            |                | rising                   | deu773           |
|                                            |                | falling                  | deu774           |
| dreizehnte                                 | thirteenth     | flat                     | deu776           |
|                                            |                | rising                   | deu777           |
|                                            |                | falling                  | deu778           |
| vierzehnte                                 | fourteenth     | flat                     | deu780           |
|                                            |                | rising                   | deu781           |
|                                            |                | falling                  | deu782           |
| fuenfzehnt                                 | fifteenth      | flat                     | deu784           |
|                                            |                | rising                   | deu785           |
|                                            |                | falling                  | deu786           |
| sechszehnte                                | sixteenth      | flat                     | deu788           |
|                                            |                | rising                   | deu789           |
|                                            |                | falling                  | deu790           |
| siebzehnte                                 | seventeenth    | flat                     | deu792           |
|                                            |                | rising                   | deu793           |
|                                            |                | falling                  | deu794           |

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| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| achtzehnte                                 | eighteenth     | flat                     | deu796           |
|                                            |                | rising                   | deu797           |
|                                            |                | falling                  | deu798           |
| neunzehnte                                 | nineteenth     | flat                     | deu800           |
|                                            |                | rising                   | deu801           |
|                                            |                | falling                  | deu802           |
| zwanzigste                                 | twentieth      | flat                     | deu804           |
|                                            |                | rising                   | deu805           |
|                                            |                | falling                  | deu806           |
| dreissigste                                | thirtieth      | flat                     | deu808           |
|                                            |                | rising                   | deu809           |
|                                            |                | falling                  | deu810           |
| vierzigste                                 | fortieth       | flat                     | deu812           |
|                                            |                | rising                   | deu813           |
|                                            |                | falling                  | deu814           |
| fuenfzigste                                | fiftieth       | flat                     | deu816           |
|                                            |                | rising                   | deu817           |
|                                            |                | falling                  | deu818           |
| sechzigste                                 | sixtieth       | flat                     | deu820           |
|                                            |                | rising                   | deu821           |
|                                            |                | falling                  | deu822           |
| siebzigste                                 | seventieth     | flat                     | deu824           |
|                                            |                | rising                   | deu825           |
|                                            |                | falling                  | deu826           |
| achtzigste                                 | eightieth      | flat                     | deu828           |
|                                            |                | rising                   | deu829           |
|                                            |                | falling                  | deu830           |

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| <b>German phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------|--------------------------|------------------|
| neunzigste                                 | ninetieth       | flat                     | deu832           |
|                                            |                 | rising                   | deu833           |
|                                            |                 | falling                  | deu834           |
| einhundertste                              | one-hundredth   | flat                     | deu836           |
|                                            |                 | rising                   | deu837           |
|                                            |                 | falling                  | deu838           |
| zweihundertste                             | two-hundredth   | flat                     | deu840           |
|                                            |                 | rising                   | deu841           |
|                                            |                 | falling                  | deu842           |
| dreihundertste                             | three-hundredth | flat                     | deu844           |
|                                            |                 | rising                   | deu845           |
|                                            |                 | falling                  | deu846           |
| vierhundertste                             | four-hundredth  | flat                     | deu848           |
|                                            |                 | rising                   | deu849           |
|                                            |                 | falling                  | deu850           |
| fuenfhundertste                            | five-hundredth  | flat                     | deu852           |
|                                            |                 | rising                   | deu853           |
|                                            |                 | falling                  | deu854           |
| sechshundertste                            | six-hundredth   | flat                     | deu856           |
|                                            |                 | rising                   | deu857           |
|                                            |                 | falling                  | deu858           |
| siebenhundertste                           | seven-hundredth | flat                     | deu860           |
|                                            |                 | rising                   | deu861           |
|                                            |                 | falling                  | deu862           |
| achthundertste                             | eight-hundredth | flat                     | deu864           |
|                                            |                 | rising                   | deu865           |
|                                            |                 | falling                  | deu866           |

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| <b>German phrase or English equivalent</b> | <b>English</b>   | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|------------------|--------------------------|------------------|
| neunhundertste                             | nine-hundredth   | flat                     | deu868           |
|                                            |                  | rising                   | deu869           |
|                                            |                  | falling                  | deu870           |
| tausendste                                 | thousandth       | flat                     | deu872           |
|                                            |                  | rising                   | deu873           |
|                                            |                  | falling                  | deu874           |
| eintausendste                              | one-thousandth   | flat                     | deu1548          |
|                                            |                  | rising                   | deu1549          |
|                                            |                  | falling                  | deu1550          |
| zweitausendste                             | two-thousandth   | flat                     | deu1552          |
|                                            |                  | rising                   | deu1553          |
|                                            |                  | falling                  | deu1554          |
| dreitausendste                             | three-thousandth | flat                     | deu1556          |
|                                            |                  | rising                   | deu1557          |
|                                            |                  | falling                  | deu1558          |
| viertausendste                             | four-thousandth  | flat                     | deu1560          |
|                                            |                  | rising                   | deu1561          |
|                                            |                  | falling                  | deu1562          |
| fuenftausendste                            | five-thousandth  | flat                     | deu1564          |
|                                            |                  | rising                   | deu1565          |
|                                            |                  | falling                  | deu1566          |
| sechstausendste                            | six-thousandth   | flat                     | deu1568          |
|                                            |                  | rising                   | deu1569          |
|                                            |                  | falling                  | deu1570          |
| siebentausendste                           | seven-thousandth | flat                     | deu1572          |
|                                            |                  | rising                   | deu1573          |
|                                            |                  | falling                  | deu1574          |

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| <b>German phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-------------------|--------------------------|------------------|
| achttausendste                             | eight-thousandth  | flat                     | deu1576          |
|                                            |                   | rising                   | deu1577          |
|                                            |                   | falling                  | deu1578          |
| neuntausendste                             | nine-thousandth   | flat                     | deu1580          |
|                                            |                   | rising                   | deu1581          |
|                                            |                   | falling                  | deu1582          |
| millionste                                 | millionth         | flat                     | deu880           |
|                                            |                   | rising                   | deu881           |
|                                            |                   | falling                  | deu882           |
| billionste                                 | billionth         | flat                     | deu888           |
|                                            |                   | rising                   | deu889           |
|                                            |                   | falling                  | deu890           |
| Nummer-Zeichen                             | pound sign<br>(#) | flat                     | deu896           |
|                                            |                   | rising                   | deu897           |
|                                            |                   | falling                  | deu898           |
| Stern                                      | asterisk<br>(*)   | flat                     | deu900           |
|                                            |                   | rising                   | deu901           |
|                                            |                   | falling                  | deu902           |
| Dollar                                     | dollar<br>(US)    | flat                     | deu1200          |
|                                            |                   | rising                   | deu1201          |
|                                            |                   | falling                  | deu1202          |
| Dollar                                     | dollars<br>(US)   | flat                     | deu1204          |
|                                            |                   | rising                   | deu1205          |
|                                            |                   | falling                  | deu1206          |
| Cent                                       | cent<br>(US)      | flat                     | deu1208          |
|                                            |                   | rising                   | deu1209          |
|                                            |                   | falling                  | deu1210          |

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| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| Cents                                      | cents          | flat                     | deu1212          |
|                                            | (US)           | rising                   | deu1213          |
|                                            |                | falling                  | deu1214          |
| Mark                                       | mark           | flat                     | deu1216          |
|                                            | (Germany)      | rising                   | deu1217          |
|                                            |                | falling                  | deu1218          |
| Mark                                       | marks          | flat                     | deu1220          |
|                                            | (Germany)      | rising                   | deu1221          |
|                                            |                | falling                  | deu1222          |
| Pfennig                                    | pfennig        | flat                     | deu1224          |
|                                            | (Germany)      | rising                   | deu1225          |
|                                            |                | falling                  | deu1226          |
| Pfennige                                   | pfennigs       | flat                     | deu1228          |
|                                            | (Germany)      | rising                   | deu1229          |
|                                            |                | falling                  | deu1230          |
| Yen                                        | yen            | flat                     | deu1232          |
|                                            | (Japan)        | rising                   | deu1233          |
|                                            |                | falling                  | deu1234          |
| Yens                                       | yens           | flat                     | deu1236          |
|                                            | (Japan)        | rising                   | deu1237          |
|                                            |                | falling                  | deu1238          |
| Lira                                       | lira           | flat                     | deu1240          |
|                                            | (Italy)        | rising                   | deu1241          |
|                                            |                | falling                  | deu1242          |
| Lire                                       | liras          | flat                     | deu1244          |
|                                            | (Italy)        | rising                   | deu1245          |
|                                            |                | falling                  | deu1246          |

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| <b>German phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|---------------------------|--------------------------|------------------|
| Guilder                                    | guilder<br>(Netherlands)  | flat                     | deu1248          |
|                                            |                           | rising                   | deu1249          |
|                                            |                           | falling                  | deu1250          |
| Guilder                                    | guilders<br>(Netherlands) | flat                     | deu1252          |
|                                            |                           | rising                   | deu1253          |
|                                            |                           | falling                  | deu1254          |
| Cent                                       | cent<br>(Netherlands)     | flat                     | deu1256          |
|                                            |                           | rising                   | deu1257          |
|                                            |                           | falling                  | deu1258          |
| Cent                                       | cents<br>(Netherlands)    | flat                     | deu1260          |
|                                            |                           | rising                   | deu1261          |
|                                            |                           | falling                  | deu1262          |
| Pound                                      | pound<br>(UK)             | flat                     | deu1264          |
|                                            |                           | rising                   | deu1265          |
|                                            |                           | falling                  | deu1266          |
| Pound                                      | pounds<br>(UK)            | flat                     | deu1268          |
|                                            |                           | rising                   | deu1269          |
|                                            |                           | falling                  | deu1270          |
| penny                                      | penny<br>(UK)             | flat                     | deu1272          |
|                                            |                           | rising                   | deu1273          |
|                                            |                           | falling                  | deu1274          |
| pence                                      | pence<br>(UK)             | flat                     | deu1276          |
|                                            |                           | rising                   | deu1277          |
|                                            |                           | falling                  | deu1278          |
| euro                                       | euro<br>(Euro)            | flat                     | deu1280          |
|                                            |                           | rising                   | deu1281          |
|                                            |                           | falling                  | deu1282          |

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| <b>German phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| euros                                      | euros          | flat                     | deu1284          |
|                                            | (Euro)         | rising                   | deu1285          |
|                                            |                | falling                  | deu1286          |
| eurocent                                   | eurocent       | flat                     | deu1288          |
|                                            | (Euro)         | rising                   | deu1289          |
|                                            |                | falling                  | deu1290          |
| eurocents                                  | eurocents      | flat                     | deu1292          |
|                                            | (Euro)         | rising                   | deu1293          |
|                                            |                | falling                  | deu1294          |
| franc                                      | franc          | flat                     | deu1296          |
|                                            | (France)       | rising                   | deu1297          |
|                                            |                | falling                  | deu1298          |
| francs                                     | francs         | flat                     | deu1300          |
|                                            | (France)       | rising                   | deu1301          |
|                                            |                | falling                  | deu1302          |
| centime                                    | centime        | flat                     | deu1304          |
|                                            | (France)       | rising                   | deu1305          |
|                                            |                | falling                  | deu1306          |
| centimes                                   | centimes       | flat                     | deu1308          |
|                                            | (France)       | rising                   | deu1309          |
|                                            |                | falling                  | deu1310          |
| peseta                                     | peseta         | flat                     | deu1312          |
|                                            | (Spain)        | rising                   | deu1313          |
|                                            |                | falling                  | deu1314          |
| pesetas                                    | pesetas        | flat                     | deu1316          |
|                                            | (Spain)        | rising                   | deu1317          |
|                                            |                | falling                  | deu1318          |

**German audio (Sheet 23 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|---------------------------|--------------------------|------------------|
| peso                                       | peso<br>(Philippines)     | flat                     | deu1328          |
|                                            |                           | rising                   | deu1329          |
|                                            |                           | falling                  | deu1330          |
| pesos                                      | pesos<br>(Philippines)    | flat                     | deu1332          |
|                                            |                           | rising                   | deu1333          |
|                                            |                           | falling                  | deu1334          |
| centavo                                    | centavo<br>(Philippines)  | flat                     | deu1336          |
|                                            |                           | rising                   | deu1337          |
|                                            |                           | falling                  | deu1338          |
| centavos                                   | centavos<br>(Philippines) | flat                     | deu1340          |
|                                            |                           | rising                   | deu1341          |
|                                            |                           | falling                  | deu1342          |
| ringgit                                    | ringgit<br>(Malaysia)     | flat                     | deu1344          |
|                                            |                           | rising                   | deu1345          |
|                                            |                           | falling                  | deu1346          |
| ringgits                                   | ringgits<br>(Malaysia)    | flat                     | deu1348          |
|                                            |                           | rising                   | deu1349          |
|                                            |                           | falling                  | deu1350          |
| sen                                        | sen<br>(Malaysia)         | flat                     | deu1352          |
|                                            |                           | rising                   | deu1353          |
|                                            |                           | falling                  | deu1354          |
| sens                                       | sens<br>(Malaysia)        | flat                     | deu1356          |
|                                            |                           | rising                   | deu1357          |
|                                            |                           | falling                  | deu1358          |
| baht                                       | baht<br>(Thailand)        | flat                     | deu1360          |
|                                            |                           | rising                   | deu1361          |
|                                            |                           | falling                  | deu1362          |

**German audio (Sheet 24 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------------|--------------------------|------------------|
| bahts                                      | bahts<br>(Thailand)   | flat                     | deu1364          |
|                                            |                       | rising                   | deu1365          |
|                                            |                       | falling                  | deu1366          |
| satang                                     | satang<br>(Thailand)  | flat                     | deu1368          |
|                                            |                       | rising                   | deu1369          |
|                                            |                       | falling                  | deu1370          |
| satangs                                    | satangs<br>(Thailand) | flat                     | deu1372          |
|                                            |                       | rising                   | deu1373          |
|                                            |                       | falling                  | deu1374          |
| won                                        | won<br>(Korea)        | flat                     | deu1376          |
|                                            |                       | rising                   | deu1377          |
|                                            |                       | falling                  | deu1378          |
| wons                                       | wons<br>(Korea)       | flat                     | deu1380          |
|                                            |                       | rising                   | deu1381          |
|                                            |                       | falling                  | deu1382          |
| franc                                      | franc<br>(Belgium)    | flat                     | deu1384          |
|                                            |                       | rising                   | deu1385          |
|                                            |                       | falling                  | deu1386          |
| francs                                     | francs<br>(Belgium)   | flat                     | deu1388          |
|                                            |                       | rising                   | deu1389          |
|                                            |                       | falling                  | deu1390          |
| centime                                    | centime<br>(Belgium)  | flat                     | deu1392          |
|                                            |                       | rising                   | deu1393          |
|                                            |                       | falling                  | deu1394          |
| centimes                                   | centimes<br>(Belgium) | flat                     | deu1396          |
|                                            |                       | rising                   | deu1397          |
|                                            |                       | falling                  | deu1398          |

**German audio (Sheet 25 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|------------------------|--------------------------|------------------|
| dollar                                     | dollar<br>(Canada)     | flat                     | deu1400          |
|                                            |                        | rising                   | deu1401          |
|                                            |                        | falling                  | deu1402          |
| dollars                                    | dollars<br>(Canada)    | flat                     | deu1404          |
|                                            |                        | rising                   | deu1405          |
|                                            |                        | falling                  | deu1406          |
| cent                                       | cent<br>(Canada)       | flat                     | deu1408          |
|                                            |                        | rising                   | deu1409          |
|                                            |                        | falling                  | deu1410          |
| cents                                      | cents<br>(Canada)      | flat                     | deu1412          |
|                                            |                        | rising                   | deu1413          |
|                                            |                        | falling                  | deu1414          |
| dollar                                     | dollar<br>(Hong Kong)  | flat                     | deu1416          |
|                                            |                        | rising                   | deu1417          |
|                                            |                        | falling                  | deu1418          |
| dollars                                    | dollars<br>(Hong Kong) | flat                     | deu1420          |
|                                            |                        | rising                   | deu1421          |
|                                            |                        | falling                  | deu1422          |
| cent                                       | cent<br>(Hong Kong)    | flat                     | deu1424          |
|                                            |                        | rising                   | deu1425          |
|                                            |                        | falling                  | deu1426          |
| cents                                      | cents<br>(Hong Kong)   | flat                     | deu1428          |
|                                            |                        | rising                   | deu1429          |
|                                            |                        | falling                  | deu1430          |
| Gok                                        | gok<br>(Hong Kong)     | flat                     | deu1488          |
|                                            |                        | rising                   | deu1489          |
|                                            |                        | falling                  | deu1490          |

**German audio (Sheet 26 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|------------------------|--------------------------|------------------|
| Goks                                       | goks<br>(Hong Kong)    | flat                     | deu1492          |
|                                            |                        | rising                   | deu1493          |
|                                            |                        | falling                  | deu1494          |
| escudo                                     | escudo<br>(Portugal)   | flat                     | deu1432          |
|                                            |                        | rising                   | deu1433          |
|                                            |                        | falling                  | deu1434          |
| escudos                                    | escudos<br>(Portugal)  | flat                     | deu1436          |
|                                            |                        | rising                   | deu1437          |
|                                            |                        | falling                  | deu1438          |
| centavo                                    | centavo<br>(Portugal)  | flat                     | deu1440          |
|                                            |                        | rising                   | deu1441          |
|                                            |                        | falling                  | deu1442          |
| centavos                                   | centavos<br>(Portugal) | flat                     | deu1444          |
|                                            |                        | rising                   | deu1445          |
|                                            |                        | falling                  | deu1446          |
| yuan                                       | yuan<br>(China)        | flat                     | deu1448          |
|                                            |                        | rising                   | deu1449          |
|                                            |                        | falling                  | deu1450          |
| yuans                                      | yuans<br>(China)       | flat                     | deu1452          |
|                                            |                        | rising                   | deu1453          |
|                                            |                        | falling                  | deu1454          |
| jiao                                       | jiao<br>(China)        | flat                     | deu1456          |
|                                            |                        | rising                   | deu1457          |
|                                            |                        | falling                  | deu1458          |
| jiaos                                      | jiaos<br>(China)       | flat                     | deu1460          |
|                                            |                        | rising                   | deu1461          |
|                                            |                        | falling                  | deu1462          |

**German audio (Sheet 27 of 27)**

| <b>German phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|---------------------|--------------------------|------------------|
| fen                                        | fen<br>(China)      | flat                     | deu1464          |
|                                            |                     | rising                   | deu1465          |
|                                            |                     | falling                  | deu1466          |
| fens                                       | fens<br>(China)     | flat                     | deu1468          |
|                                            |                     | rising                   | deu1469          |
|                                            |                     | falling                  | deu1470          |
| pound                                      | pound<br>(Ireland)  | flat                     | deu1472          |
|                                            |                     | rising                   | deu1473          |
|                                            |                     | falling                  | deu1474          |
| pounds                                     | pounds<br>(Ireland) | flat                     | deu1476          |
|                                            |                     | rising                   | deu1477          |
|                                            |                     | falling                  | deu1478          |
| penny                                      | penny<br>(Ireland)  | flat                     | deu1480          |
|                                            |                     | rising                   | deu1481          |
|                                            |                     | falling                  | deu1482          |
| pence                                      | pence<br>(Ireland)  | flat                     | deu1484          |
|                                            |                     | rising                   | deu1485          |
|                                            |                     | falling                  | deu1486          |

## Greek audio files

**Note 1:** Only record audio file names ell1200-ell4070 if the user provisions audio files for this currency.

**Note 2:** Audio files names ell508-ell610 are used for strings functionality. Recording of this audio is optional and the content of the recording can be any word.

**Note 3:** Audio files names ell920-ell966 are used for months when spoken in dates.

### Greek audio (Sheet 1 of 36)

| Greek phrase or English equivalent | English | Phrase intonation | File name |
|------------------------------------|---------|-------------------|-----------|
| midhEn                             | zero    | flat              | ell0      |
|                                    |         | rising            | ell1      |
|                                    |         | falling           | ell2      |
| Ena                                | one     | flat              | ell8      |
|                                    |         | rising            | ell9      |
|                                    |         | falling           | ell10     |
| dhlo                               | two     | flat              | ell12     |
|                                    |         | rising            | ell13     |
|                                    |         | falling           | ell14     |
| trla                               | three   | flat              | ell16     |
|                                    |         | rising            | ell17     |
|                                    |         | falling           | ell18     |
| tEssera                            | four    | flat              | ell20     |
|                                    |         | rising            | ell21     |
|                                    |         | falling           | ell22     |
| pEnte                              | five    | flat              | ell24     |
|                                    |         | rising            | ell25     |
|                                    |         | falling           | ell26     |

**Greek audio (Sheet 2 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| Eksi                                      | six            | flat                     | ell28            |
|                                           |                | rising                   | ell29            |
|                                           |                | falling                  | ell30            |
| eptA                                      | seven          | flat                     | ell32            |
|                                           |                | rising                   | ell33            |
|                                           |                | falling                  | ell34            |
| oktO                                      | eight          | flat                     | ell36            |
|                                           |                | rising                   | ell37            |
|                                           |                | falling                  | ell38            |
| ennEa                                     | nine           | flat                     | ell40            |
|                                           |                | rising                   | ell41            |
|                                           |                | falling                  | ell42            |
| dhEka                                     | ten            | flat                     | ell56            |
|                                           |                | rising                   | ell57            |
|                                           |                | falling                  | ell58            |
| Enteka                                    | eleven         | flat                     | ell60            |
|                                           |                | rising                   | ell61            |
|                                           |                | falling                  | ell62            |
| dhOdheka                                  | twelve         | flat                     | ell64            |
|                                           |                | rising                   | ell65            |
|                                           |                | falling                  | ell66            |
| dhekatrla                                 | thirteen       | flat                     | ell68            |
|                                           |                | rising                   | ell69            |
|                                           |                | falling                  | ell70            |
| dhekatEssera                              | fourteen       | flat                     | ell72            |
|                                           |                | rising                   | ell73            |
|                                           |                | falling                  | ell74            |

**Greek audio (Sheet 3 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| dhekaPente                                | fifteen        | flat                     | ell76            |
|                                           |                | rising                   | ell77            |
|                                           |                | falling                  | ell78            |
| dhekaEksi                                 | sixteen        | flat                     | ell80            |
|                                           |                | rising                   | ell81            |
|                                           |                | falling                  | ell82            |
| dhekaeptA                                 | seventeen      | flat                     | ell84            |
|                                           |                | rising                   | ell85            |
|                                           |                | falling                  | ell86            |
| dhekaokto                                 | eighteen       | flat                     | ell88            |
|                                           |                | rising                   | ell89            |
|                                           |                | falling                  | ell90            |
| dhekaennEa                                | nineteen       | flat                     | ell92            |
|                                           |                | rising                   | ell93            |
|                                           |                | falling                  | ell94            |
| Ikosi                                     | twenty         | flat                     | ell96            |
|                                           |                | rising                   | ell97            |
|                                           |                | falling                  | ell98            |
| triAnta                                   | thirty         | flat                     | ell100           |
|                                           |                | rising                   | ell101           |
|                                           |                | falling                  | ell102           |
| sarAnta                                   | forty          | flat                     | ell104           |
|                                           |                | rising                   | ell105           |
|                                           |                | falling                  | ell106           |
| penInta                                   | fifty          | flat                     | ell108           |
|                                           |                | rising                   | ell109           |
|                                           |                | falling                  | ell110           |

**Greek audio (Sheet 4 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| eksInta                                   | sixty          | flat                     | ell112           |
|                                           |                | rising                   | ell113           |
|                                           |                | falling                  | ell114           |
| evdhomInta                                | seventy        | flat                     | ell116           |
|                                           |                | rising                   | ell117           |
|                                           |                | falling                  | ell118           |
| oghdhOnta                                 | eighty         | flat                     | ell120           |
|                                           |                | rising                   | ell121           |
|                                           |                | falling                  | ell122           |
| enenInta                                  | ninety         | flat                     | ell124           |
|                                           |                | rising                   | ell125           |
|                                           |                | falling                  | ell126           |
| ekatO                                     | one-hundred    | flat                     | ell132           |
|                                           |                | rising                   | ell133           |
|                                           |                | falling                  | ell134           |
| dhiakOsia                                 | two-hundred    | flat                     | ell136           |
|                                           |                | rising                   | ell137           |
|                                           |                | falling                  | ell138           |
| triakOsia                                 | three-hundred  | flat                     | ell140           |
|                                           |                | rising                   | ell141           |
|                                           |                | falling                  | ell142           |
| tetrakOsia                                | four-hundred   | flat                     | ell144           |
|                                           |                | rising                   | ell145           |
|                                           |                | falling                  | ell146           |
| pentakOsia                                | five-hundred   | flat                     | ell148           |
|                                           |                | rising                   | ell149           |
|                                           |                | falling                  | ell150           |

**Greek audio (Sheet 5 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| eksakOsia                                 | six-hundred    | flat                     | ell152           |
|                                           |                | rising                   | ell153           |
|                                           |                | falling                  | ell154           |
| eptakOsia                                 | seven-hundred  | flat                     | ell156           |
|                                           |                | rising                   | ell157           |
|                                           |                | falling                  | ell158           |
| oktakOsia                                 | eight-hundred  | flat                     | ell160           |
|                                           |                | rising                   | ell161           |
|                                           |                | falling                  | ell162           |
| enniakOsia                                | nine-hundred   | flat                     | ell164           |
|                                           |                | rising                   | ell165           |
|                                           |                | falling                  | ell166           |
| chllia                                    | thousand       | flat                     | ell496           |
|                                           |                | rising                   | ell497           |
|                                           |                | falling                  | ell498           |
| ekatommlrio                               | million        | flat                     | ell500           |
|                                           |                | rising                   | ell501           |
|                                           |                | falling                  | ell502           |
| dhisekatommlrio                           | billion        | flat                     | ell504           |
|                                           |                | rising                   | ell505           |
|                                           |                | falling                  | ell506           |
| optional                                  | a              | flat                     | ell508           |
|                                           |                | rising                   | ell509           |
|                                           |                | falling                  | ell510           |
| optional                                  | b              | flat                     | ell512           |
|                                           |                | rising                   | ell513           |
|                                           |                | falling                  | ell514           |

**Greek audio (Sheet 6 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| optional                                  | c              | flat                     | ell516           |
|                                           |                | rising                   | ell517           |
|                                           |                | falling                  | ell518           |
| optional                                  | d              | flat                     | ell520           |
|                                           |                | rising                   | ell521           |
|                                           |                | falling                  | ell522           |
| optional                                  | e              | flat                     | ell524           |
|                                           |                | rising                   | ell525           |
|                                           |                | falling                  | ell526           |
| optional                                  | f              | flat                     | ell528           |
|                                           |                | rising                   | ell529           |
|                                           |                | falling                  | ell530           |
| optional                                  | g              | flat                     | ell532           |
|                                           |                | rising                   | ell533           |
|                                           |                | falling                  | ell534           |
| optional                                  | h              | flat                     | ell536           |
|                                           |                | rising                   | ell537           |
|                                           |                | falling                  | ell538           |
| optional                                  | i              | flat                     | ell540           |
|                                           |                | rising                   | ell541           |
|                                           |                | falling                  | ell542           |
| optional                                  | j              | flat                     | ell544           |
|                                           |                | rising                   | ell545           |
|                                           |                | falling                  | ell546           |
| optional                                  | k              | flat                     | ell548           |
|                                           |                | rising                   | ell549           |
|                                           |                | falling                  | ell550           |

**Greek audio (Sheet 7 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| optional                                  | l              | flat                     | ell552           |
|                                           |                | rising                   | ell553           |
|                                           |                | falling                  | ell554           |
| optional                                  | m              | flat                     | ell556           |
|                                           |                | rising                   | ell557           |
|                                           |                | falling                  | ell557           |
| optional                                  | n              | flat                     | ell560           |
|                                           |                | rising                   | ell561           |
|                                           |                | falling                  | ell562           |
| optional                                  | o              | flat                     | ell564           |
|                                           |                | rising                   | ell565           |
|                                           |                | falling                  | ell566           |
| optional                                  | p              | flat                     | ell568           |
|                                           |                | rising                   | ell569           |
|                                           |                | falling                  | ell570           |
| optional                                  | q              | flat                     | ell572           |
|                                           |                | rising                   | ell573           |
|                                           |                | falling                  | ell574           |
| optional                                  | r              | flat                     | ell576           |
|                                           |                | rising                   | ell577           |
|                                           |                | falling                  | ell578           |
| optional                                  | s              | flat                     | ell580           |
|                                           |                | rising                   | ell581           |
|                                           |                | falling                  | ell582           |
| optional                                  | t              | flat                     | ell584           |
|                                           |                | rising                   | ell585           |
|                                           |                | falling                  | ell586           |

**Greek audio (Sheet 8 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| optional                                  | u              | flat                     | ell588           |
|                                           |                | rising                   | ell5589          |
|                                           |                | falling                  | ell590           |
| optional                                  | v              | flat                     | ell592           |
|                                           |                | rising                   | ell593           |
|                                           |                | falling                  | ell594           |
| optional                                  | w              | flat                     | ell596           |
|                                           |                | rising                   | ell597           |
|                                           |                | falling                  | ell598           |
| optional                                  | x              | flat                     | ell600           |
|                                           |                | rising                   | ell601           |
|                                           |                | falling                  | ell602           |
| optional                                  | y              | flat                     | ell604           |
|                                           |                | rising                   | ell605           |
|                                           |                | falling                  | ell606           |
| optional                                  | z              | flat                     | ell608           |
|                                           |                | rising                   | ell609           |
|                                           |                | falling                  | ell610           |
| mlon                                      | negative       | flat                     | ell616           |
|                                           |                | rising                   | ell617           |
|                                           |                | falling                  | ell618           |
| ke                                        | and            | flat                     | ell620           |
|                                           |                | rising                   | ell621           |
|                                           |                | falling                  | ell622           |
| Ora                                       | hour           | flat                     | ell624           |
|                                           |                | rising                   | ell625           |
|                                           |                | falling                  | ell626           |

**Greek audio (Sheet 9 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| Ores                                      | hours          | flat                     | ell628           |
|                                           |                | rising                   | ell629           |
|                                           |                | falling                  | ell630           |
| leptO                                     | minute         | flat                     | ell632           |
|                                           |                | rising                   | ell633           |
|                                           |                | falling                  | ell634           |
| leptA                                     | minutes        | flat                     | ell636           |
|                                           |                | rising                   | ell637           |
|                                           |                | falling                  | ell638           |
| dhefterOlepto                             | second         | flat                     | ell640           |
|                                           |                | rising                   | ell641           |
|                                           |                | falling                  | ell642           |
| dhefterOlepta                             | seconds        | flat                     | ell644           |
|                                           |                | rising                   | ell645           |
|                                           |                | falling                  | ell646           |
| ianuArios                                 | January        | flat                     | ell648           |
|                                           |                | rising                   | ell649           |
|                                           |                | falling                  | ell650           |
| fevruArios                                | February       | flat                     | ell652           |
|                                           |                | rising                   | ell653           |
|                                           |                | falling                  | ell654           |
| mArtios                                   | March          | flat                     | ell656           |
|                                           |                | rising                   | ell657           |
|                                           |                | falling                  | ell658           |
| aprrlios                                  | April          | flat                     | ell660           |
|                                           |                | rising                   | ell661           |
|                                           |                | falling                  | ell662           |

**Greek audio (Sheet 10 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| mAios                                     | May            | flat                     | ell664           |
|                                           |                | rising                   | ell665           |
|                                           |                | falling                  | ell666           |
| iUnios                                    | June           | flat                     | ell668           |
|                                           |                | rising                   | ell669           |
|                                           |                | falling                  | ell670           |
| iUlios                                    | July           | flat                     | ell672           |
|                                           |                | rising                   | ell673           |
|                                           |                | falling                  | ell674           |
| Avghustos                                 | August         | flat                     | ell676           |
|                                           |                | rising                   | ell677           |
|                                           |                | falling                  | ell678           |
| septEmvrios                               | September      | flat                     | ell680           |
|                                           |                | rising                   | ell681           |
|                                           |                | falling                  | ell682           |
| oktOvrios                                 | October        | flat                     | ell684           |
|                                           |                | rising                   | ell685           |
|                                           |                | falling                  | ell686           |
| noEmvrios                                 | November       | flat                     | ell688           |
|                                           |                | rising                   | ell689           |
|                                           |                | falling                  | ell690           |
| dhekEmvrios                               | December       | flat                     | ell692           |
|                                           |                | rising                   | ell693           |
|                                           |                | falling                  | ell694           |
| kiriakl                                   | Sunday         | flat                     | ell696           |
|                                           |                | rising                   | ell697           |
|                                           |                | falling                  | ell698           |

**Greek audio (Sheet 11 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-------------------|--------------------------|------------------|
| dhitEra                                   | Monday            | flat                     | ell700           |
|                                           |                   | rising                   | ell701           |
|                                           |                   | falling                  | ell702           |
| trlti                                     | Tuesday           | flat                     | ell704           |
|                                           |                   | rising                   | ell705           |
|                                           |                   | falling                  | ell706           |
| tetArti                                   | Wednesday         | flat                     | ell708           |
|                                           |                   | rising                   | ell709           |
|                                           |                   | falling                  | ell710           |
| pEmpti                                    | Thursday          | flat                     | ell712           |
|                                           |                   | rising                   | ell713           |
|                                           |                   | falling                  | ell714           |
| paraskil                                  | Friday            | flat                     | ell716           |
|                                           |                   | rising                   | ell717           |
|                                           |                   | falling                  | ell718           |
| sAvvato                                   | Saturday          | flat                     | ell720           |
|                                           |                   | rising                   | ell721           |
|                                           |                   | falling                  | ell722           |
| prOtos                                    | first<br>(masc.)  | flat                     | ell728           |
|                                           |                   | rising                   | ell729           |
|                                           |                   | falling                  | ell730           |
| dhEfteros                                 | second<br>(masc.) | flat                     | ell732           |
|                                           |                   | rising                   | ell733           |
|                                           |                   | falling                  | ell734           |
| trltos                                    | third<br>(masc.)  | flat                     | ell736           |
|                                           |                   | rising                   | ell737           |
|                                           |                   | falling                  | ell738           |

**Greek audio (Sheet 12 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|---------------------|--------------------------|------------------|
| tEartos                                   | fourth<br>(masc.)   | flat                     | ell740           |
|                                           |                     | rising                   | ell741           |
|                                           |                     | falling                  | ell742           |
| pEmptos                                   | fifth<br>(masc.)    | flat                     | ell744           |
|                                           |                     | rising                   | ell745           |
|                                           |                     | falling                  | ell746           |
| Ektos                                     | sixth<br>(masc.)    | flat                     | ell748           |
|                                           |                     | rising                   | ell749           |
|                                           |                     | falling                  | ell750           |
| Evdhomos                                  | seventh<br>(masc.)  | flat                     | ell752           |
|                                           |                     | rising                   | ell753           |
|                                           |                     | falling                  | ell754           |
| Oghdhoos                                  | eighth<br>(masc.)   | flat                     | ell756           |
|                                           |                     | rising                   | ell757           |
|                                           |                     | falling                  | ell758           |
| Enatos                                    | ninth<br>(masc.)    | flat                     | ell760           |
|                                           |                     | rising                   | ell761           |
|                                           |                     | falling                  | ell762           |
| dhEkatos                                  | tenth<br>(masc.)    | flat                     | ell764           |
|                                           |                     | rising                   | ell765           |
|                                           |                     | falling                  | ell766           |
| endhEkatos                                | eleventh<br>(masc.) | flat                     | ell768           |
|                                           |                     | rising                   | ell769           |
|                                           |                     | falling                  | ell770           |
| dhodhEkatos                               | twelfth<br>(masc.)  | flat                     | ell772           |
|                                           |                     | rising                   | ell773           |
|                                           |                     | falling                  | ell774           |

**Greek audio (Sheet 13 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>          | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-------------------------|--------------------------|------------------|
| eikostOs                                  | twentieth<br>(masc.)    | flat                     | ell804           |
|                                           |                         | rising                   | ell805           |
|                                           |                         | falling                  | ell806           |
| triakostOs                                | thirtieth<br>(masc.)    | flat                     | ell808           |
|                                           |                         | rising                   | ell809           |
|                                           |                         | falling                  | ell810           |
| tessarakostOs                             | fortieth<br>(masc.)     | flat                     | ell812           |
|                                           |                         | rising                   | ell813           |
|                                           |                         | falling                  | ell814           |
| pentikostOs                               | fiftieth<br>(masc.)     | flat                     | ell816           |
|                                           |                         | rising                   | ell817           |
|                                           |                         | falling                  | ell818           |
| eksikostOs                                | sixtieth<br>(masc.)     | flat                     | ell820           |
|                                           |                         | rising                   | ell821           |
|                                           |                         | falling                  | ell822           |
| evdhomikostOs                             | seventieth<br>(masc.)   | flat                     | ell824           |
|                                           |                         | rising                   | ell825           |
|                                           |                         | falling                  | ell826           |
| oghdhoikostOs                             | eightieth<br>(masc.)    | flat                     | ell828           |
|                                           |                         | rising                   | ell829           |
|                                           |                         | falling                  | ell830           |
| enenikostOs                               | ninetieth<br>(masc.)    | flat                     | ell832           |
|                                           |                         | rising                   | ell833           |
|                                           |                         | falling                  | ell834           |
| ekatostOs                                 | one-hundreth<br>(masc.) | flat                     | ell836           |
|                                           |                         | rising                   | ell837           |
|                                           |                         | falling                  | ell838           |

**Greek audio (Sheet 14 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|---------------------------|--------------------------|------------------|
| dhiakosioſOs                              | two-hundreth<br>(masc.)   | flat                     | ell840           |
|                                           |                           | rising                   | ell841           |
|                                           |                           | falling                  | ell842           |
| triakosioſOs                              | three-hundreth<br>(masc.) | flat                     | ell844           |
|                                           |                           | rising                   | ell845           |
|                                           |                           | falling                  | ell846           |
| tetrakosioſOs                             | four-hundreth<br>(masc.)  | flat                     | ell848           |
|                                           |                           | rising                   | ell849           |
|                                           |                           | falling                  | ell850           |
| pentakosioſOs                             | five-hundreth<br>(masc.)  | flat                     | ell852           |
|                                           |                           | rising                   | ell853           |
|                                           |                           | falling                  | ell854           |
| eksakosioſOs                              | six-hundreth<br>(masc.)   | flat                     | ell856           |
|                                           |                           | rising                   | ell857           |
|                                           |                           | falling                  | ell858           |
| eptakosioſOs                              | seven-hundreth<br>(masc.) | flat                     | ell860           |
|                                           |                           | rising                   | ell861           |
|                                           |                           | falling                  | ell862           |
| oktakosioſOs                              | eight-hundreth<br>(masc.) | flat                     | ell864           |
|                                           |                           | rising                   | ell865           |
|                                           |                           | falling                  | ell866           |
| enniakosioſOs                             | nine-hundreth<br>(masc.)  | flat                     | ell868           |
|                                           |                           | rising                   | ell869           |
|                                           |                           | falling                  | ell870           |
| chilioſOs                                 | thousandth<br>(masc.)     | flat                     | ell872           |
|                                           |                           | rising                   | ell873           |
|                                           |                           | falling                  | ell874           |

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| <b>Greek phrase or English equivalent</b> | <b>English</b>       | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------------|--------------------------|------------------|
| ekatommiriostOs                           | millionth<br>(masc.) | flat                     | ell880           |
|                                           |                      | rising                   | ell881           |
|                                           |                      | falling                  | ell882           |
| dhisekatommiriostOs                       | billionth<br>(masc.) | flat                     | ell888           |
|                                           |                      | rising                   | ell889           |
|                                           |                      | falling                  | ell890           |
| dhlesi                                    | pound sign<br>(#)    | flat                     | ell896           |
|                                           |                      | rising                   | ell897           |
|                                           |                      | falling                  | ell898           |
| asterlskos                                | asterisk<br>(*)      | flat                     | ell900           |
|                                           |                      | rising                   | ell901           |
|                                           |                      | falling                  | ell902           |
| metA mesimvrlan                           | a.m                  | flat                     | ell908           |
|                                           |                      | rising                   | ell909           |
|                                           |                      | falling                  | ell910           |
| ml.ml                                     | p.m                  | flat                     | ell912           |
|                                           |                      | rising                   | ell913           |
|                                           |                      | falling                  | ell914           |
| dholArio                                  | dollar<br>(US)       | flat                     | ell1200          |
|                                           |                      | rising                   | ell1201          |
|                                           |                      | falling                  | ell1202          |
| dholAria                                  | dollars<br>(US)      | flat                     | ell1204          |
|                                           |                      | rising                   | ell1205          |
|                                           |                      | falling                  | ell1206          |
| sent                                      | cent<br>(US)         | flat                     | ell1208          |
|                                           |                      | rising                   | ell1209          |
|                                           |                      | falling                  | ell1210          |

**Greek audio (Sheet 16 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| sents                                     | cents          | flat                     | ell1212          |
|                                           | (US)           | rising                   | ell1213          |
|                                           |                | falling                  | ell1214          |
| mark                                      | mark           | flat                     | ell1216          |
|                                           | (Germany)      | rising                   | ell1217          |
|                                           |                | falling                  | ell1218          |
| marks                                     | marks          | flat                     | ell1220          |
|                                           | (Germany)      | rising                   | ell1221          |
|                                           |                | falling                  | ell1222          |
| pfennig                                   | pfennig        | flat                     | ell1224          |
|                                           | (Germany)      | rising                   | ell1225          |
|                                           |                | falling                  | ell1226          |
| pfennigs                                  | pfennigs       | flat                     | ell1228          |
|                                           | (Germany)      | rising                   | ell1229          |
|                                           |                | falling                  | ell1230          |
| ghen                                      | yen            | flat                     | ell1232          |
|                                           | (Japan)        | rising                   | ell1233          |
|                                           |                | falling                  | ell1234          |
| yens                                      | yens           | flat                     | ell1236          |
|                                           | (Japan)        | rising                   | ell1237          |
|                                           |                | falling                  | ell1238          |
| lira                                      | lira           | flat                     | ell1240          |
|                                           | (Italy)        | rising                   | ell1241          |
|                                           |                | falling                  | ell1242          |
| lire                                      | liras          | flat                     | ell1244          |
|                                           | (Italy)        | rising                   | ell1245          |
|                                           |                | falling                  | ell1246          |

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| <b>Greek phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|---------------------------|--------------------------|------------------|
| guilder                                   | guilder<br>(Netherlands)  | flat                     | ell1248          |
|                                           |                           | rising                   | ell1249          |
|                                           |                           | falling                  | ell1250          |
| guilders                                  | guilders<br>(Netherlands) | flat                     | ell1252          |
|                                           |                           | rising                   | ell1253          |
|                                           |                           | falling                  | ell1254          |
| cent                                      | cent<br>(Netherlands)     | flat                     | ell1256          |
|                                           |                           | rising                   | ell1257          |
|                                           |                           | falling                  | ell1258          |
| cent                                      | cents<br>(Netherlands)    | flat                     | ell1260          |
|                                           |                           | rising                   | ell1261          |
|                                           |                           | falling                  | ell1262          |
| pound                                     | pound<br>(UK)             | flat                     | ell1264          |
|                                           |                           | rising                   | ell1265          |
|                                           |                           | falling                  | ell1266          |
| pounds                                    | pounds<br>(UK)            | flat                     | ell1268          |
|                                           |                           | rising                   | ell1269          |
|                                           |                           | falling                  | ell1270          |
| penny                                     | penny<br>(UK)             | flat                     | ell1272          |
|                                           |                           | rising                   | ell1273          |
|                                           |                           | falling                  | ell1274          |
| pence                                     | pence<br>(UK)             | flat                     | ell1276          |
|                                           |                           | rising                   | ell1277          |
|                                           |                           | falling                  | ell1278          |
| irO                                       | euro<br>(Euro)            | flat                     | ell1280          |
|                                           |                           | rising                   | ell1281          |
|                                           |                           | falling                  | ell1282          |

**Greek audio (Sheet 18 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>       | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------------|--------------------------|------------------|
| irO                                       | euros<br>(Euro)      | flat                     | ell1284          |
|                                           |                      | rising                   | ell1285          |
|                                           |                      | falling                  | ell1286          |
| leptO tu irO                              | eurocent<br>(Euro)   | flat                     | ell1288          |
|                                           |                      | rising                   | ell1289          |
|                                           |                      | falling                  | ell1290          |
| leptA tu irO                              | eurocents<br>(Euro)  | flat                     | ell1292          |
|                                           |                      | rising                   | ell1293          |
|                                           |                      | falling                  | ell1294          |
| frAghko                                   | franc<br>(France)    | flat                     | ell1296          |
|                                           |                      | rising                   | ell1297          |
|                                           |                      | falling                  | ell1298          |
| frAghka                                   | francs<br>(France)   | flat                     | ell1300          |
|                                           |                      | rising                   | ell1301          |
|                                           |                      | falling                  | ell1302          |
| dhekAra                                   | centime<br>(France)  | flat                     | ell1304          |
|                                           |                      | rising                   | ell1305          |
|                                           |                      | falling                  | ell1306          |
| dhekAres                                  | centimes<br>(France) | flat                     | ell1308          |
|                                           |                      | rising                   | ell1309          |
|                                           |                      | falling                  | ell1310          |
| peseta                                    | peseta<br>(Spain)    | flat                     | ell1312          |
|                                           |                      | rising                   | ell1313          |
|                                           |                      | falling                  | ell1314          |
| pesetas                                   | pesetas<br>(Spain)   | flat                     | ell1316          |
|                                           |                      | rising                   | ell1317          |
|                                           |                      | falling                  | ell1318          |

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| <b>Greek phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|---------------------------|--------------------------|------------------|
| peso                                      | peso<br>(Philippines)     | flat                     | ell1328          |
|                                           |                           | rising                   | ell1329          |
|                                           |                           | falling                  | ell1330          |
| pesos                                     | pesos<br>(Philippines)    | flat                     | ell1332          |
|                                           |                           | rising                   | ell1333          |
|                                           |                           | falling                  | ell1334          |
| centavo                                   | centavo<br>(Philippines)  | flat                     | ell1336          |
|                                           |                           | rising                   | ell1337          |
|                                           |                           | falling                  | ell1338          |
| centavos                                  | centavos<br>(Philippines) | flat                     | ell1340          |
|                                           |                           | rising                   | ell1341          |
|                                           |                           | falling                  | ell1342          |
| ringgit                                   | ringgit<br>(Malaysia)     | flat                     | ell1344          |
|                                           |                           | rising                   | ell1345          |
|                                           |                           | falling                  | ell1346          |
| ringgits                                  | ringgits<br>(Malaysia)    | flat                     | ell1348          |
|                                           |                           | rising                   | ell1349          |
|                                           |                           | falling                  | ell1350          |
| sen                                       | sen<br>(Malaysia)         | flat                     | ell1352          |
|                                           |                           | rising                   | ell1353          |
|                                           |                           | falling                  | ell1354          |
| sens                                      | sens<br>(Malaysia)        | flat                     | ell1356          |
|                                           |                           | rising                   | ell1357          |
|                                           |                           | falling                  | ell1358          |
| baht                                      | baht<br>(Thailand)        | flat                     | ell1360          |
|                                           |                           | rising                   | ell1361          |
|                                           |                           | falling                  | ell1362          |

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| <b>Greek phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-----------------------|--------------------------|------------------|
| bahts                                     | bahts<br>(Thailand)   | flat                     | ell1364          |
|                                           |                       | rising                   | ell1365          |
|                                           |                       | falling                  | ell1366          |
| satang                                    | satang<br>(Thailand)  | flat                     | ell1368          |
|                                           |                       | rising                   | ell1369          |
|                                           |                       | falling                  | ell1370          |
| satangs                                   | satangs<br>(Thailand) | flat                     | ell1372          |
|                                           |                       | rising                   | ell1373          |
|                                           |                       | falling                  | ell1374          |
| won                                       | won<br>(Korea)        | flat                     | ell1376          |
|                                           |                       | rising                   | ell1377          |
|                                           |                       | falling                  | ell1378          |
| wons                                      | wons<br>(Korea)       | flat                     | ell1380          |
|                                           |                       | rising                   | ell1381          |
|                                           |                       | falling                  | ell1382          |
| franc                                     | franc<br>(Belgium)    | flat                     | ell1384          |
|                                           |                       | rising                   | ell1385          |
|                                           |                       | falling                  | ell1386          |
| francs                                    | francs<br>(Belgium)   | flat                     | ell1388          |
|                                           |                       | rising                   | ell1389          |
|                                           |                       | falling                  | ell1390          |
| centime                                   | centime<br>(Belgium)  | flat                     | ell1392          |
|                                           |                       | rising                   | ell1393          |
|                                           |                       | falling                  | ell1394          |
| centimes                                  | centimes<br>(Belgium) | flat                     | ell1396          |
|                                           |                       | rising                   | ell1397          |
|                                           |                       | falling                  | ell1398          |

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| <b>Greek phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|------------------------|--------------------------|------------------|
| dollar                                    | dollar<br>(Canada)     | flat                     | ell1400          |
|                                           |                        | rising                   | ell1401          |
|                                           |                        | falling                  | ell1402          |
| dollars                                   | dollars<br>(Canada)    | flat                     | ell1404          |
|                                           |                        | rising                   | ell1405          |
|                                           |                        | falling                  | ell1406          |
| cent                                      | cent<br>(Canada)       | flat                     | ell1408          |
|                                           |                        | rising                   | ell1409          |
|                                           |                        | falling                  | ell1410          |
| cents                                     | cents<br>(Canada)      | flat                     | ell1412          |
|                                           |                        | rising                   | ell1413          |
|                                           |                        | falling                  | ell1414          |
| dollar                                    | dollar<br>(Hong Kong)  | flat                     | ell1416          |
|                                           |                        | rising                   | ell1417          |
|                                           |                        | falling                  | ell1418          |
| dollars                                   | dollars<br>(Hong Kong) | flat                     | ell1420          |
|                                           |                        | rising                   | ell1421          |
|                                           |                        | falling                  | ell1422          |
| cent                                      | cent<br>(Hong Kong)    | flat                     | ell1424          |
|                                           |                        | rising                   | ell1425          |
|                                           |                        | falling                  | ell1426          |
| cents                                     | cents<br>(Hong Kong)   | flat                     | ell1428          |
|                                           |                        | rising                   | ell1429          |
|                                           |                        | falling                  | ell1430          |
| gok                                       | gok<br>(Hong Kong)     | flat                     | ell1488          |
|                                           |                        | rising                   | ell1489          |
|                                           |                        | falling                  | ell1490          |

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| <b>Greek phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|------------------------|--------------------------|------------------|
| goks                                      | goks<br>(Hong Kong)    | flat                     | ell1492          |
|                                           |                        | rising                   | ell1493          |
|                                           |                        | falling                  | ell1494          |
| escudo                                    | escudo<br>(Portugal)   | flat                     | ell1432          |
|                                           |                        | rising                   | ell1433          |
|                                           |                        | falling                  | ell1434          |
| escudos                                   | escudos<br>(Portugal)  | flat                     | ell1436          |
|                                           |                        | rising                   | ell1437          |
|                                           |                        | falling                  | ell1438          |
| centavo                                   | centavo<br>(Portugal)  | flat                     | ell1440          |
|                                           |                        | rising                   | ell1441          |
|                                           |                        | falling                  | ell1442          |
| centavos                                  | centavos<br>(Portugal) | flat                     | ell1444          |
|                                           |                        | rising                   | ell1445          |
|                                           |                        | falling                  | ell1446          |
| yuan                                      | yuan<br>(China)        | flat                     | ell1448          |
|                                           |                        | rising                   | ell1449          |
|                                           |                        | falling                  | ell1450          |
| yuans                                     | yuans<br>(China)       | flat                     | ell1452          |
|                                           |                        | rising                   | ell1453          |
|                                           |                        | falling                  | ell1454          |
| jiao                                      | jiao<br>(China)        | flat                     | ell1456          |
|                                           |                        | rising                   | ell1457          |
|                                           |                        | falling                  | ell1458          |
| jiaos                                     | jiaos<br>(China)       | flat                     | ell1460          |
|                                           |                        | rising                   | ell1461          |
|                                           |                        | falling                  | ell1462          |

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| <b>Greek phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|---------------------|--------------------------|------------------|
| fen                                       | fen<br>(China)      | flat                     | ell1464          |
|                                           |                     | rising                   | ell1465          |
|                                           |                     | falling                  | ell1466          |
| fens                                      | fens<br>(China)     | flat                     | ell1468          |
|                                           |                     | rising                   | ell1469          |
|                                           |                     | falling                  | ell1470          |
| pound                                     | pound<br>(Ireland)  | flat                     | ell1472          |
|                                           |                     | rising                   | ell1473          |
|                                           |                     | falling                  | ell1474          |
| pounds                                    | pounds<br>(Ireland) | flat                     | ell1476          |
|                                           |                     | rising                   | ell1477          |
|                                           |                     | falling                  | ell1478          |
| penny                                     | penny<br>(Ireland)  | flat                     | ell1480          |
|                                           |                     | rising                   | ell1481          |
|                                           |                     | falling                  | ell1482          |
| pence                                     | pence<br>(Ireland)  | flat                     | ell1484          |
|                                           |                     | rising                   | ell1485          |
|                                           |                     | falling                  | ell1486          |
| sekEl                                     | shekel<br>(Israel)  | flat                     | ell4000          |
|                                           |                     | rising                   | ell4001          |
|                                           |                     | falling                  | ell4002          |
| shekels                                   | shekels<br>(Israel) | flat                     | ell4004          |
|                                           |                     | rising                   | ell4005          |
|                                           |                     | falling                  | ell4016          |
| agoro                                     | agoro<br>(Israel)   | flat                     | ell4008          |
|                                           |                     | rising                   | ell4009          |
|                                           |                     | falling                  | ell4010          |

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| <b>Greek phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|---------------------|--------------------------|------------------|
| agoros                                    | agoros<br>(Israel)  | flat                     | ell4012          |
|                                           |                     | rising                   | ell4013          |
|                                           |                     | falling                  | ell4014          |
| korOna tsechlas                           | koruna<br>(Czech)   | flat                     | ell4016          |
|                                           |                     | rising                   | ell4017          |
|                                           |                     | falling                  | ell4018          |
| korunas                                   | korunas<br>(Czech)  | flat                     | ell4020          |
|                                           |                     | rising                   | ell4021          |
|                                           |                     | falling                  | ell4022          |
| haleru                                    | haleru<br>(Czech)   | flat                     | ell4024          |
|                                           |                     | rising                   | ell4025          |
|                                           |                     | falling                  | ell4026          |
| halaeroo                                  | halerus<br>(Czech)  | flat                     | ell4028          |
|                                           |                     | rising                   | ell4029          |
|                                           |                     | falling                  | ell4030          |
| llra                                      | lira<br>(Turkey)    | flat                     | ell4032          |
|                                           |                     | rising                   | ell4033          |
|                                           |                     | falling                  | ell4034          |
| lire                                      | lire<br>(Turkey)    | flat                     | ell4036          |
|                                           |                     | rising                   | ell4037          |
|                                           |                     | falling                  | ell4038          |
| ellinikl dhrachml                         | drachma<br>(Greek)  | flat                     | ell4040          |
|                                           |                     | rising                   | ell4041          |
|                                           |                     | falling                  | ell4042          |
| drachmas                                  | drachmas<br>(Greek) | flat                     | ell4044          |
|                                           |                     | rising                   | ell4045          |
|                                           |                     | falling                  | ell4046          |

**Greek audio (Sheet 25 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-----------------------|--------------------------|------------------|
| ntoghk                                    | dong<br>(Vietnamese)  | flat                     | ell4048          |
|                                           |                       | rising                   | ell4049          |
|                                           |                       | falling                  | ell4050          |
| dongs                                     | dongs<br>(Vietnamese) | flat                     | ell4052          |
|                                           |                       | rising                   | ell4053          |
|                                           |                       | falling                  | ell4054          |
| rupla                                     | rupee<br>(India)      | flat                     | ell4056          |
|                                           |                       | rising                   | ell4057          |
|                                           |                       | falling                  | ell4058          |
| ruples                                    | rupees<br>(India)     | flat                     | ell4060          |
|                                           |                       | rising                   | ell4061          |
|                                           |                       | falling                  | ell4062          |
| pAiza                                     | paisa<br>(India)      | flat                     | ell4064          |
|                                           |                       | rising                   | ell4065          |
|                                           |                       | falling                  | ell4066          |
| pAizes                                    | paisas<br>(India)     | flat                     | ell4068          |
|                                           |                       | rising                   | ell4069          |
|                                           |                       | falling                  | ell4070          |
| ianoiarlu                                 | January               | flat                     | ell920           |
|                                           |                       | rising                   | ell921           |
|                                           |                       | falling                  | ell922           |
| fevroiarlu                                | February              | flat                     | ell924           |
|                                           |                       | rising                   | ell925           |
|                                           |                       | falling                  | ell926           |
| martlu                                    | March                 | flat                     | ell928           |
|                                           |                       | rising                   | ell929           |
|                                           |                       | falling                  | ell930           |

**Greek audio (Sheet 26 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| aprillu                                   | April          | flat                     | e11932           |
|                                           |                | rising                   | e11933           |
|                                           |                | falling                  | e11934           |
| malu                                      | May            | flat                     | e11936           |
|                                           |                | rising                   | e11937           |
|                                           |                | falling                  | e11938           |
| ioinlu                                    | June           | flat                     | e11940           |
|                                           |                | rising                   | e11941           |
|                                           |                | falling                  | e11942           |
| ioillu                                    | July           | flat                     | e11944           |
|                                           |                | rising                   | e11945           |
|                                           |                | falling                  | e11946           |
| avghUstu                                  | August         | flat                     | e11948           |
|                                           |                | rising                   | e11949           |
|                                           |                | falling                  | e11950           |
| septemvrlu                                | September      | flat                     | e11952           |
|                                           |                | rising                   | e11953           |
|                                           |                | falling                  | e11954           |
| oktovrlu                                  | October        | flat                     | e11956           |
|                                           |                | rising                   | e11957           |
|                                           |                | falling                  | e11958           |
| noemvrlu                                  | November       | flat                     | e11960           |
|                                           |                | rising                   | e11961           |
|                                           |                | falling                  | e11962           |
| dhekemvrlu                                | December       | flat                     | e11964           |
|                                           |                | rising                   | e11965           |
|                                           |                | falling                  | e11966           |

**Greek audio (Sheet 27 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>          | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-------------------------|--------------------------|------------------|
| to mesimEri                               | midnight                | flat                     | eI1968           |
|                                           |                         | rising                   | eI1969           |
|                                           |                         | falling                  | eI1970           |
| ta mesAnichta                             | noon                    | flat                     | eI1972           |
|                                           |                         | rising                   | eI1973           |
|                                           |                         | falling                  | eI1974           |
| ekatOn                                    | hundred<br>(101 to 199) | flat                     | eI1976           |
|                                           |                         | rising                   | eI1977           |
|                                           |                         | falling                  | eI1978           |
| chiliAdhes                                | thousands               | flat                     | eI1980           |
|                                           |                         | rising                   | eI1981           |
|                                           |                         | falling                  | eI1982           |
| ekatommlria                               | millions                | flat                     | eI1984           |
|                                           |                         | rising                   | eI1985           |
|                                           |                         | falling                  | eI1986           |
| dhisekatommlria                           | billions                | flat                     | eI1988           |
|                                           |                         | rising                   | eI1989           |
|                                           |                         | falling                  | eI1990           |
| mla                                       | one<br>(fem.)           | flat                     | eI1992           |
|                                           |                         | rising                   | eI1993           |
|                                           |                         | falling                  | eI1994           |
| tris                                      | three<br>(fem.)         | flat                     | eI1996           |
|                                           |                         | rising                   | eI1997           |
|                                           |                         | falling                  | eI1998           |
| tEsseris                                  | four<br>(fem.)          | flat                     | eI1000           |
|                                           |                         | rising                   | eI1001           |
|                                           |                         | falling                  | eI1002           |

**Greek audio (Sheet 28 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| dhekatrels                                | thirteen       | flat                     | ell1004          |
|                                           | (fem.)         | rising                   | ell1005          |
|                                           |                | falling                  | ell1006          |
| dhekatEsseris                             | fourteen       | flat                     | ell1008          |
|                                           | (fem.)         | rising                   | ell1009          |
|                                           |                | falling                  | ell1010          |
| elkosi                                    | twenty         | flat                     | ell1012          |
|                                           | (fem.)         | rising                   | ell1013          |
|                                           |                | falling                  | ell1014          |
| dhiakOsies                                | two-hundred    | flat                     | ell1016          |
|                                           | (fem.)         | rising                   | ell1017          |
|                                           |                | falling                  | ell1018          |
| triakOsies                                | three-hundred  | flat                     | ell1020          |
|                                           | (fem. )        | rising                   | ell1021          |
|                                           |                | falling                  | ell1022          |
| tetrakOsies                               | four-hundred   | flat                     | ell1024          |
|                                           | (fem.)         | rising                   | ell1025          |
|                                           |                | falling                  | ell1026          |
| pentakOsies                               | five-hundred   | flat                     | ell1028          |
|                                           | (fem.)         | rising                   | ell1029          |
|                                           |                | falling                  | ell1030          |
| eksakOsies                                | six-hundred    | flat                     | ell1032          |
|                                           | (fem.)         | rising                   | ell1033          |
|                                           |                | falling                  | ell1034          |
| eptakOsies                                | seven-hundred  | flat                     | ell1036          |
|                                           | (fem. )        | rising                   | ell1037          |
|                                           |                | falling                  | ell1038          |

**Greek audio (Sheet 29 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>          | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-------------------------|--------------------------|------------------|
| oktakOsies                                | eight-hundred<br>(fem.) | flat                     | ell1040          |
|                                           |                         | rising                   | ell1041          |
|                                           |                         | falling                  | ell1042          |
| enniakOsies                               | nine-hundred<br>(fem.)  | flat                     | ell1044          |
|                                           |                         | rising                   | ell1045          |
|                                           |                         | falling                  | ell1046          |
| prOti                                     | first<br>(fem.)         | flat                     | ell1048          |
|                                           |                         | rising                   | ell1049          |
|                                           |                         | falling                  | ell1050          |
| dhEfteri                                  | second<br>(fem.)        | flat                     | ell1052          |
|                                           |                         | rising                   | ell1053          |
|                                           |                         | falling                  | ell1054          |
| trlti                                     | third<br>(fem.)         | flat                     | ell1056          |
|                                           |                         | rising                   | ell1057          |
|                                           |                         | falling                  | ell1058          |
| tEtarti                                   | fourth<br>(fem.)        | flat                     | ell1060          |
|                                           |                         | rising                   | ell1061          |
|                                           |                         | falling                  | ell1062          |
| pEmpti                                    | fifth<br>(fem.)         | flat                     | ell1064          |
|                                           |                         | rising                   | ell1065          |
|                                           |                         | falling                  | ell1066          |
| Ekti                                      | sixth<br>(fem.)         | flat                     | ell1068          |
|                                           |                         | rising                   | ell1069          |
|                                           |                         | falling                  | ell1070          |
| Evdhomi                                   | seventh<br>(fem.)       | flat                     | ell1072          |
|                                           |                         | rising                   | ell1073          |
|                                           |                         | falling                  | ell1074          |

**Greek audio (Sheet 30 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|---------------------|--------------------------|------------------|
| Oghdhoi                                   | eighth<br>(fem.)    | flat                     | ell1076          |
|                                           |                     | rising                   | ell1077          |
|                                           |                     | falling                  | ell1078          |
| Enati                                     | ninth<br>(fem.)     | flat                     | ell1080          |
|                                           |                     | rising                   | ell1081          |
|                                           |                     | falling                  | ell1082          |
| dhEkati                                   | tenth<br>(fem.)     | flat                     | ell1084          |
|                                           |                     | rising                   | ell1085          |
|                                           |                     | falling                  | ell1086          |
| endhEkati                                 | eleventh<br>(fem.)  | flat                     | ell1088          |
|                                           |                     | rising                   | ell1089          |
|                                           |                     | falling                  | ell1090          |
| dhodhEkati                                | twelfth<br>(fem.)   | flat                     | ell1092          |
|                                           |                     | rising                   | ell1093          |
|                                           |                     | falling                  | ell1094          |
| eikostl                                   | twentieth<br>(fem.) | flat                     | ell1096          |
|                                           |                     | rising                   | ell1097          |
|                                           |                     | falling                  | ell1098          |
| triakostl                                 | thirtieth<br>(fem.) | flat                     | ell1100          |
|                                           |                     | rising                   | ell1101          |
|                                           |                     | falling                  | ell1102          |
| tessarakostl                              | fortieth<br>(fem.)  | flat                     | ell1104          |
|                                           |                     | rising                   | ell1105          |
|                                           |                     | falling                  | ell1106          |
| pentikostl                                | fiftieth<br>(fem.)  | flat                     | ell1108          |
|                                           |                     | rising                   | ell1109          |
|                                           |                     | falling                  | ell1110          |

**Greek audio (Sheet 31 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-----------------|--------------------------|------------------|
| eksikostl                                 | sixtieth        | flat                     | ell1112          |
|                                           | (fem.)          | rising                   | ell1113          |
|                                           |                 | falling                  | ell1114          |
| evdhomikostl                              | seventieth      | flat                     | ell1116          |
|                                           | (fem.)          | rising                   | ell1117          |
|                                           |                 | falling                  | ell1118          |
| oghdhoikostl                              | eightieth       | flat                     | ell1120          |
|                                           | (fem.)          | rising                   | ell1121          |
|                                           |                 | falling                  | ell1122          |
| enenikostl                                | ninetieth       | flat                     | ell1124          |
|                                           | (fem.)          | rising                   | ell1125          |
|                                           |                 | falling                  | ell1126          |
| ekatostl                                  | one-hundredth   | flat                     | ell1128          |
|                                           | (fem.)          | rising                   | ell1129          |
|                                           |                 | falling                  | ell1130          |
| dhiakosiosl                               | two-hundredth   | flat                     | ell1132          |
|                                           | (fem.)          | rising                   | ell1133          |
|                                           |                 | falling                  | ell1134          |
| triakosiosl                               | three-hundredth | flat                     | ell1136          |
|                                           | (fem.)          | rising                   | ell1137          |
|                                           |                 | falling                  | ell1138          |
| tetrakosiosl                              | four-hundredth  | flat                     | ell1140          |
|                                           | (fem.)          | rising                   | ell1141          |
|                                           |                 | falling                  | ell1142          |
| pentakosiosl                              | five-hundredth  | flat                     | ell1144          |
|                                           | (fem.)          | rising                   | ell1145          |
|                                           |                 | falling                  | ell1146          |

**Greek audio (Sheet 32 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>                 | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|--------------------------------|--------------------------|------------------|
| eksakosiotl                               | six-hundredth<br>(fem.)        | flat                     | ell1148          |
|                                           |                                | rising                   | ell1149          |
|                                           |                                | falling                  | ell1150          |
| eptakosiotl                               | seven-hundredth<br>(fem.)      | flat                     | ell1152          |
|                                           |                                | rising                   | ell1153          |
|                                           |                                | falling                  | ell1154          |
| oktakosiotl                               | eight-hundredth<br>(fem.)      | flat                     | ell1156          |
|                                           |                                | rising                   | ell1157          |
|                                           |                                | falling                  | ell1158          |
| enniakosiotl                              | nine-hundredth<br>(fem.)       | flat                     | ell1160          |
|                                           |                                | rising                   | ell1161          |
|                                           |                                | falling                  | ell1162          |
| chiliotl                                  | thousandth<br>(fem.)           | flat                     | ell1164          |
|                                           |                                | rising                   | ell1165          |
|                                           |                                | falling                  | ell1166          |
| ekatommiriotl                             | millionth<br>(fem.)            | flat                     | ell1168          |
|                                           |                                | rising                   | ell1169          |
|                                           |                                | falling                  | ell1170          |
| dhisekatommiriotl                         | billionth<br>(fem.)            | flat                     | ell1172          |
|                                           |                                | rising                   | ell1173          |
|                                           |                                | falling                  | ell1174          |
| dhEkatos                                  | teenth<br>(for 13 - 19(masc.)) | flat                     | ell1176          |
|                                           |                                | rising                   | ell1177          |
|                                           |                                | falling                  | ell1178          |
| dhEkati                                   | teenth<br>(for 13 - 19 (fem.)) | flat                     | ell1180          |
|                                           |                                | rising                   | ell1181          |
|                                           |                                | falling                  | ell1182          |

**Greek audio (Sheet 33 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>                   | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------------------------|--------------------------|------------------|
| dhEkato                                   | teenth<br>(for 13 - 19 (neuter)) | flat                     | ell1184          |
|                                           |                                  | rising                   | ell1185          |
|                                           |                                  | falling                  | ell1186          |
| prOto                                     | first<br>(neuter)                | flat                     | ell1500          |
|                                           |                                  | rising                   | ell1501          |
|                                           |                                  | falling                  | ell1502          |
| dhEftero                                  | second<br>(neuter)               | flat                     | ell1504          |
|                                           |                                  | rising                   | ell1505          |
|                                           |                                  | falling                  | ell1506          |
| trIto                                     | third<br>(neuter)                | flat                     | ell1508          |
|                                           |                                  | rising                   | ell1509          |
|                                           |                                  | falling                  | ell1510          |
| tEtarto                                   | fourth<br>(neuter)               | flat                     | ell1512          |
|                                           |                                  | rising                   | ell1513          |
|                                           |                                  | falling                  | ell1514          |
| pEmpto                                    | fifth<br>(neuter)                | flat                     | ell1516          |
|                                           |                                  | rising                   | ell1517          |
|                                           |                                  | falling                  | ell1518          |
| Ekto                                      | sixth<br>(neuter)                | flat                     | ell1520          |
|                                           |                                  | rising                   | ell1521          |
|                                           |                                  | falling                  | ell1522          |
| Evdhomo                                   | seventh<br>(neuter)              | flat                     | ell1524          |
|                                           |                                  | rising                   | ell1525          |
|                                           |                                  | falling                  | ell1526          |
| Oghdhoo                                   | eighth<br>(neuter)               | flat                     | ell1528          |
|                                           |                                  | rising                   | ell1529          |
|                                           |                                  | falling                  | ell1530          |

**Greek audio (Sheet 34 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-----------------------|--------------------------|------------------|
| Enato                                     | ninth<br>(neuter)     | flat                     | ell1532          |
|                                           |                       | rising                   | ell1533          |
|                                           |                       | falling                  | ell1534          |
| dhEkato                                   | tenth<br>(neuter)     | flat                     | ell1536          |
|                                           |                       | rising                   | ell1537          |
|                                           |                       | falling                  | ell1538          |
| endhEkato                                 | eleventh<br>(neuter)  | flat                     | ell1540          |
|                                           |                       | rising                   | ell1541          |
|                                           |                       | falling                  | ell1542          |
| dhodhEkato                                | twelfth<br>(neuter)   | flat                     | ell1544          |
|                                           |                       | rising                   | ell1545          |
|                                           |                       | falling                  | ell1546          |
| eikostO                                   | twentieth<br>(neuter) | flat                     | ell1548          |
|                                           |                       | rising                   | ell1549          |
|                                           |                       | falling                  | ell1550          |
| triakostO                                 | thirtieth<br>(neuter) | flat                     | ell1552          |
|                                           |                       | rising                   | ell1553          |
|                                           |                       | falling                  | ell1554          |
| tessarakostO                              | fortieth<br>(neuter)  | flat                     | ell1556          |
|                                           |                       | rising                   | ell1557          |
|                                           |                       | falling                  | ell1558          |
| pentikostO                                | fiftieth<br>(neuter)  | flat                     | ell1560          |
|                                           |                       | rising                   | ell1561          |
|                                           |                       | falling                  | ell1562          |
| eksikostO                                 | sixtieth<br>(neuter)  | flat                     | ell1564          |
|                                           |                       | rising                   | ell1565          |
|                                           |                       | falling                  | ell1566          |

**Greek audio (Sheet 35 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>              | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-----------------------------|--------------------------|------------------|
| evdhomikostO                              | seventieth<br>(neuter)      | flat                     | ell1568          |
|                                           |                             | rising                   | ell1569          |
|                                           |                             | falling                  | ell1570          |
| oghdhoikostO                              | eightieth<br>(neuter)       | flat                     | ell1572          |
|                                           |                             | rising                   | ell1573          |
|                                           |                             | falling                  | ell1574          |
| enenikostO                                | ninetieth<br>(neuter)       | flat                     | ell1576          |
|                                           |                             | rising                   | ell1577          |
|                                           |                             | falling                  | ell1578          |
| ekatostO                                  | one-hundredth<br>(neuter)   | flat                     | ell1580          |
|                                           |                             | rising                   | ell1581          |
|                                           |                             | falling                  | ell1582          |
| dhiakosiosO                               | two-hundredth<br>(neuter)   | flat                     | ell1584          |
|                                           |                             | rising                   | ell1585          |
|                                           |                             | falling                  | ell1586          |
| triakosiosO                               | three-hundredth<br>(neuter) | flat                     | ell1588          |
|                                           |                             | rising                   | ell1589          |
|                                           |                             | falling                  | ell1590          |
| tetrakosiosO                              | four-hundredth<br>(neuter)  | flat                     | ell1592          |
|                                           |                             | rising                   | ell1593          |
|                                           |                             | falling                  | ell1594          |
| pentakosiosO                              | five-hundredth<br>(neuter)  | flat                     | ell1596          |
|                                           |                             | rising                   | ell1597          |
|                                           |                             | falling                  | ell1598          |
| eksakosiosO                               | six-hundredth<br>(neuter)   | flat                     | ell1600          |
|                                           |                             | rising                   | ell1601          |
|                                           |                             | falling                  | ell1602          |

**Greek audio (Sheet 36 of 36)**

| <b>Greek phrase or English equivalent</b> | <b>English</b>              | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-----------------------------|--------------------------|------------------|
| eptakosioſtO                              | seven-hundredth<br>(neuter) | flat                     | ell1604          |
|                                           |                             | rising                   | ell1605          |
|                                           |                             | falling                  | ell1606          |
| oktakosioſtO                              | eight-hundredth<br>(neuter) | flat                     | ell1608          |
|                                           |                             | rising                   | ell1609          |
|                                           |                             | falling                  | ell1610          |
| enniakosioſtO                             | nine-hundredth<br>(neuter)  | flat                     | ell1612          |
|                                           |                             | rising                   | ell1613          |
|                                           |                             | falling                  | ell1614          |
| chilioſtO                                 | thousandth<br>(neuter)      | flat                     | ell1616          |
|                                           |                             | rising                   | ell1617          |
|                                           |                             | falling                  | ell1618          |
| ekatommirioſtO                            | millionth<br>(neuter)       | flat                     | ell1620          |
|                                           |                             | rising                   | ell1621          |
|                                           |                             | falling                  | ell1622          |
| dhisekatommirioſtO                        | billionth<br>(neuter)       | flat                     | ell1624          |
|                                           |                             | rising                   | ell1625          |
|                                           |                             | falling                  | ell1626          |

## Hebrew audio files

**Note 1:** Only record audio file names heb 1216-heb1278 and heb 1312-heb 4070 if the user provisions audio files for this currency.

**Note 2:** Audio files names heb 508-heb 610 are used for strings functionality. Recording of this audio is optional and the content of the recording can be any word.

### Hebrew audio (Sheet 1 of 29)

| Hebrew phrase or English equivalent | English | Phrase intonation | File name |
|-------------------------------------|---------|-------------------|-----------|
| efes                                | zero    | flat              | heb0      |
|                                     |         | rising            | heb1      |
|                                     |         | falling           | heb2      |
| ekhad                               | one     | flat              | heb8      |
|                                     |         | rising            | heb9      |
|                                     |         | falling           | heb10     |
| shna'yeem                           | two     | flat              | heb12     |
|                                     |         | rising            | heb13     |
|                                     |         | falling           | heb14     |
| shlosa                              | three   | flat              | heb16     |
|                                     |         | rising            | heb17     |
|                                     |         | falling           | heb18     |
| arba'a                              | four    | flat              | heb20     |
|                                     |         | rising            | heb21     |
|                                     |         | falling           | heb22     |
| khamisha                            | five    | flat              | heb24     |
|                                     |         | rising            | heb25     |
|                                     |         | falling           | heb26     |

**Hebrew audio (Sheet 2 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| sheesha                                    | six            | flat                     | heb28            |
|                                            |                | rising                   | heb29            |
|                                            |                | falling                  | heb30            |
| sheev'a                                    | seven          | flat                     | heb32            |
|                                            |                | rising                   | heb33            |
|                                            |                | falling                  | heb34            |
| shmona                                     | eight          | flat                     | heb36            |
|                                            |                | rising                   | heb37            |
|                                            |                | falling                  | heb38            |
| teesh'a                                    | nine           | flat                     | heb40            |
|                                            |                | rising                   | heb41            |
|                                            |                | falling                  | heb42            |
| asarah                                     | ten            | flat                     | heb56            |
|                                            |                | rising                   | heb57            |
|                                            |                | falling                  | heb58            |
| akhad asar                                 | eleven         | flat                     | heb60            |
|                                            |                | rising                   | heb61            |
|                                            |                | falling                  | heb62            |
| shnaym asar                                | twelve         | flat                     | heb64            |
|                                            |                | rising                   | heb65            |
|                                            |                | falling                  | heb66            |
| shlosa asar                                | thirteen       | flat                     | heb68            |
|                                            |                | rising                   | heb69            |
|                                            |                | falling                  | heb70            |
| arba'a asar                                | fourteen       | flat                     | heb72            |
|                                            |                | rising                   | heb73            |
|                                            |                | falling                  | heb74            |

**Hebrew audio (Sheet 3 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| khamisha asar                              | fifteen        | flat                     | heb76            |
|                                            |                | rising                   | heb77            |
|                                            |                | falling                  | heb78            |
| shisha asar                                | sixteen        | flat                     | heb80            |
|                                            |                | rising                   | heb81            |
|                                            |                | falling                  | heb82            |
| sheev'a asar                               | seventeen      | flat                     | heb84            |
|                                            |                | rising                   | heb85            |
|                                            |                | falling                  | heb86            |
| shmona asar                                | eighteen       | flat                     | heb88            |
|                                            |                | rising                   | heb89            |
|                                            |                | falling                  | heb90            |
| teesh'a asar                               | nineteen       | flat                     | heb92            |
|                                            |                | rising                   | heb93            |
|                                            |                | falling                  | heb94            |
| esreem                                     | twenty         | flat                     | heb96            |
|                                            |                | rising                   | heb97            |
|                                            |                | falling                  | heb98            |
| shlosheem                                  | thirty         | flat                     | heb100           |
|                                            |                | rising                   | heb101           |
|                                            |                | falling                  | heb102           |
| arba'eem                                   | forty          | flat                     | heb104           |
|                                            |                | rising                   | heb105           |
|                                            |                | falling                  | heb106           |
| khameesheem                                | fifty          | flat                     | heb108           |
|                                            |                | rising                   | heb109           |
|                                            |                | falling                  | heb110           |

**Hebrew audio (Sheet 4 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| sheesheem                                  | sixty          | flat                     | heb112           |
|                                            |                | rising                   | heb113           |
|                                            |                | falling                  | heb114           |
| sheeveem                                   | seventy        | flat                     | heb116           |
|                                            |                | rising                   | heb117           |
|                                            |                | falling                  | heb118           |
| shmoneem                                   | eighty         | flat                     | heb120           |
|                                            |                | rising                   | heb121           |
|                                            |                | falling                  | heb122           |
| teesh'eem                                  | ninety         | flat                     | heb124           |
|                                            |                | rising                   | heb125           |
|                                            |                | falling                  | heb126           |
| may'a                                      | one-hundred    | flat                     | heb132           |
|                                            |                | rising                   | heb133           |
|                                            |                | falling                  | heb134           |
| mata'yeem                                  | two-hundred    | flat                     | heb136           |
|                                            |                | rising                   | heb137           |
|                                            |                | falling                  | heb138           |
| shlosh may'ot                              | three-hundred  | flat                     | heb140           |
|                                            |                | rising                   | heb141           |
|                                            |                | falling                  | heb142           |
| arba may'ot                                | four-hundred   | flat                     | heb144           |
|                                            |                | rising                   | heb145           |
|                                            |                | falling                  | heb146           |
| khamaysh may'ot                            | five-hundred   | flat                     | heb148           |
|                                            |                | rising                   | heb149           |
|                                            |                | falling                  | heb150           |

**Hebrew audio (Sheet 5 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| shaysh may'ot                              | six-hundred    | flat                     | heb152           |
|                                            |                | rising                   | heb153           |
|                                            |                | falling                  | heb154           |
| shva may'ot                                | seven-hundred  | flat                     | heb156           |
|                                            |                | rising                   | heb157           |
|                                            |                | falling                  | heb158           |
| shmone may'ot                              | eight-hundred  | flat                     | heb160           |
|                                            |                | rising                   | heb161           |
|                                            |                | falling                  | heb162           |
| tsha may'ot                                | nine-hundred   | flat                     | heb164           |
|                                            |                | rising                   | heb165           |
|                                            |                | falling                  | heb166           |
| alpa'yim                                   | two-thousand   | flat                     | heb176           |
|                                            |                | rising                   | heb177           |
|                                            |                | falling                  | heb178           |
| shloshet alafim                            | three-thousand | flat                     | heb180           |
|                                            |                | rising                   | heb181           |
|                                            |                | falling                  | heb182           |
| arba'at alafim                             | four-thousand  | flat                     | heb184           |
|                                            |                | rising                   | heb185           |
|                                            |                | falling                  | heb186           |
| khamayshet alafim                          | five-thousand  | flat                     | heb188           |
|                                            |                | rising                   | heb189           |
|                                            |                | falling                  | heb190           |
| shayshet alafim                            | six-thousand   | flat                     | heb192           |
|                                            |                | rising                   | heb193           |
|                                            |                | falling                  | heb194           |

**Hebrew audio (Sheet 6 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| sheev'at alafim                            | seven-thousand | flat                     | heb196           |
|                                            |                | rising                   | heb197           |
|                                            |                | falling                  | heb198           |
| shmonat alafim                             | eight-thousand | flat                     | heb200           |
|                                            |                | rising                   | heb201           |
|                                            |                | falling                  | heb202           |
| teesh'at alafim                            | nine-thousand  | flat                     | heb204           |
|                                            |                | rising                   | heb205           |
|                                            |                | falling                  | heb206           |
| 'elef                                      | thousand       | flat                     | heb496           |
|                                            |                | rising                   | heb497           |
|                                            |                | falling                  | heb498           |
| milyon                                     | million        | flat                     | heb500           |
|                                            |                | rising                   | heb501           |
|                                            |                | falling                  | heb502           |
| milyard                                    | billion        | flat                     | heb504           |
|                                            |                | rising                   | heb505           |
|                                            |                | falling                  | heb506           |
| optional                                   | a              | flat                     | heb508           |
|                                            |                | rising                   | heb509           |
|                                            |                | falling                  | heb510           |
| optional                                   | b              | flat                     | heb512           |
|                                            |                | rising                   | heb513           |
|                                            |                | falling                  | heb514           |
| optional                                   | c              | flat                     | heb516           |
|                                            |                | rising                   | heb517           |
|                                            |                | falling                  | heb518           |

**Hebrew audio (Sheet 7 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | d              | flat                     | heb520           |
|                                            |                | rising                   | heb521           |
|                                            |                | falling                  | heb522           |
| optional                                   | e              | flat                     | heb524           |
|                                            |                | rising                   | heb525           |
|                                            |                | falling                  | heb526           |
| optional                                   | f              | flat                     | heb528           |
|                                            |                | rising                   | heb529           |
|                                            |                | falling                  | heb530           |
| optional                                   | g              | flat                     | heb532           |
|                                            |                | rising                   | heb533           |
|                                            |                | falling                  | heb534           |
| optional                                   | h              | flat                     | heb536           |
|                                            |                | rising                   | heb537           |
|                                            |                | falling                  | heb538           |
| optional                                   | i              | flat                     | heb540           |
|                                            |                | rising                   | heb541           |
|                                            |                | falling                  | heb542           |
| optional                                   | j              | flat                     | heb544           |
|                                            |                | rising                   | heb545           |
|                                            |                | falling                  | heb546           |
| optional                                   | k              | flat                     | heb548           |
|                                            |                | rising                   | heb549           |
|                                            |                | falling                  | heb550           |
| optional                                   | l              | flat                     | heb552           |
|                                            |                | rising                   | heb553           |
|                                            |                | falling                  | heb554           |

**Hebrew audio (Sheet 8 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | m              | flat                     | heb556           |
|                                            |                | rising                   | heb557           |
|                                            |                | falling                  | heb557           |
| optional                                   | n              | flat                     | heb560           |
|                                            |                | rising                   | heb561           |
|                                            |                | falling                  | heb562           |
| optional                                   | o              | flat                     | heb564           |
|                                            |                | rising                   | heb565           |
|                                            |                | falling                  | heb566           |
| optional                                   | p              | flat                     | heb568           |
|                                            |                | rising                   | heb569           |
|                                            |                | falling                  | heb570           |
| optional                                   | q              | flat                     | heb572           |
|                                            |                | rising                   | heb573           |
|                                            |                | falling                  | heb574           |
| optional                                   | r              | flat                     | heb576           |
|                                            |                | rising                   | heb577           |
|                                            |                | falling                  | heb578           |
| optional                                   | s              | flat                     | heb580           |
|                                            |                | rising                   | heb581           |
|                                            |                | falling                  | heb582           |
| optional                                   | t              | flat                     | heb584           |
|                                            |                | rising                   | heb585           |
|                                            |                | falling                  | heb586           |
| optional                                   | u              | flat                     | heb588           |
|                                            |                | rising                   | heb589           |
|                                            |                | falling                  | heb590           |

**Hebrew audio (Sheet 9 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | v              | flat                     | heb592           |
|                                            |                | rising                   | heb593           |
|                                            |                | falling                  | heb594           |
| optional                                   | w              | flat                     | heb596           |
|                                            |                | rising                   | heb597           |
|                                            |                | falling                  | heb598           |
| optional                                   | x              | flat                     | heb600           |
|                                            |                | rising                   | heb601           |
|                                            |                | falling                  | heb602           |
| optional                                   | y              | flat                     | heb604           |
|                                            |                | rising                   | heb605           |
|                                            |                | falling                  | heb606           |
| optional                                   | z              | flat                     | heb608           |
|                                            |                | rising                   | heb609           |
|                                            |                | falling                  | heb610           |
| meenoos                                    | negative       | flat                     | heb616           |
|                                            |                | rising                   | heb617           |
|                                            |                | falling                  | heb618           |
| ve                                         | and            | flat                     | heb620           |
|                                            |                | rising                   | heb621           |
|                                            |                | falling                  | heb622           |
| sha'a                                      | hour           | flat                     | heb624           |
|                                            |                | rising                   | heb625           |
|                                            |                | falling                  | heb626           |
| sha'ot                                     | hours          | flat                     | heb628           |
|                                            |                | rising                   | heb629           |
|                                            |                | falling                  | heb630           |

**Hebrew audio (Sheet 10 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| daka                                       | minute         | flat                     | heb632           |
|                                            |                | rising                   | heb633           |
|                                            |                | falling                  | heb634           |
| dakot                                      | minutes        | flat                     | heb636           |
|                                            |                | rising                   | heb637           |
|                                            |                | falling                  | heb638           |
| shneeya                                    | second         | flat                     | heb640           |
|                                            |                | rising                   | heb641           |
|                                            |                | falling                  | heb642           |
| shneeyot                                   | seconds        | flat                     | heb644           |
|                                            |                | rising                   | heb645           |
|                                            |                | falling                  | heb646           |
| yanoor'ar                                  | January        | flat                     | heb648           |
|                                            |                | rising                   | heb649           |
|                                            |                | falling                  | heb650           |
| febroot'ar                                 | February       | flat                     | heb652           |
|                                            |                | rising                   | heb653           |
|                                            |                | falling                  | heb654           |
| mars                                       | March          | flat                     | heb656           |
|                                            |                | rising                   | heb657           |
|                                            |                | falling                  | heb658           |
| april                                      | April          | flat                     | heb660           |
|                                            |                | rising                   | heb661           |
|                                            |                | falling                  | heb662           |
| ma'i                                       | May            | flat                     | heb664           |
|                                            |                | rising                   | heb665           |
|                                            |                | falling                  | heb666           |

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| <b>Hebrew phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| yoonee                                     | June           | flat                     | heb668           |
|                                            |                | rising                   | heb669           |
|                                            |                | falling                  | heb670           |
| yoolee                                     | July           | flat                     | heb672           |
|                                            |                | rising                   | heb673           |
|                                            |                | falling                  | heb674           |
| agoost                                     | August         | flat                     | heb676           |
|                                            |                | rising                   | heb677           |
|                                            |                | falling                  | heb678           |
| september                                  | September      | flat                     | heb680           |
|                                            |                | rising                   | heb681           |
|                                            |                | falling                  | heb682           |
| aktober                                    | October        | flat                     | heb684           |
|                                            |                | rising                   | heb685           |
|                                            |                | falling                  | heb686           |
| november                                   | November       | flat                     | heb688           |
|                                            |                | rising                   | heb689           |
|                                            |                | falling                  | heb690           |
| daytzeber                                  | December       | flat                     | heb692           |
|                                            |                | rising                   | heb693           |
|                                            |                | falling                  | heb694           |
| yom reeshon                                | Sunday         | flat                     | heb696           |
|                                            |                | rising                   | heb697           |
|                                            |                | falling                  | heb698           |
| yom shayni                                 | Monday         | flat                     | heb700           |
|                                            |                | rising                   | heb701           |
|                                            |                | falling                  | heb702           |

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| <b>Hebrew phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-------------------|--------------------------|------------------|
| yom shleeshee                              | Tuesday           | flat                     | heb704           |
|                                            |                   | rising                   | heb705           |
|                                            |                   | falling                  | heb706           |
| yom reeve'ee                               | Wednesday         | flat                     | heb708           |
|                                            |                   | rising                   | heb709           |
|                                            |                   | falling                  | heb710           |
| yom khameeshee                             | Thursday          | flat                     | heb712           |
|                                            |                   | rising                   | heb713           |
|                                            |                   | falling                  | heb714           |
| yom sheeshee                               | Friday            | flat                     | heb716           |
|                                            |                   | rising                   | heb717           |
|                                            |                   | falling                  | heb718           |
| yom shabbat                                | Saturday          | flat                     | heb720           |
|                                            |                   | rising                   | heb721           |
|                                            |                   | falling                  | heb722           |
| ha-reeshon                                 | first<br>(masc.)  | flat                     | heb728           |
|                                            |                   | rising                   | heb729           |
|                                            |                   | falling                  | heb730           |
| ha-shaynee                                 | second<br>(masc.) | flat                     | heb732           |
|                                            |                   | rising                   | heb733           |
|                                            |                   | falling                  | heb734           |
| ha-shleeshee                               | third<br>(masc.)  | flat                     | heb736           |
|                                            |                   | rising                   | heb737           |
|                                            |                   | falling                  | heb738           |
| ha-reeve'ee                                | fourth<br>(masc.) | flat                     | heb740           |
|                                            |                   | rising                   | heb741           |
|                                            |                   | falling                  | heb742           |

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| <b>Hebrew phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|--------------------|--------------------------|------------------|
| ha-khameeshee                              | fifth<br>(masc.)   | flat                     | heb744           |
|                                            |                    | rising                   | heb745           |
|                                            |                    | falling                  | heb746           |
| ha-sheeshee                                | sixth<br>(masc.)   | flat                     | heb748           |
|                                            |                    | rising                   | heb749           |
|                                            |                    | falling                  | heb750           |
| ha-shvee'ee                                | seventh<br>(masc.) | flat                     | heb752           |
|                                            |                    | rising                   | heb753           |
|                                            |                    | falling                  | heb754           |
| ha-shmeenee                                | eighth<br>(masc.)  | flat                     | heb756           |
|                                            |                    | rising                   | heb757           |
|                                            |                    | falling                  | heb758           |
| ha-tshee'ee                                | ninth<br>(masc.)   | flat                     | heb760           |
|                                            |                    | rising                   | heb761           |
|                                            |                    | falling                  | heb762           |
| ha-aseeree                                 | tenth<br>(masc.)   | flat                     | heb764           |
|                                            |                    | rising                   | heb765           |
|                                            |                    | falling                  | heb766           |
| ha-me'ah                                   | one-hundreth       | flat                     | heb836           |
|                                            |                    | rising                   | heb837           |
|                                            |                    | falling                  | heb838           |
| soolameet                                  | pound sign<br>(#)  | flat                     | heb896           |
|                                            |                    | rising                   | heb897           |
|                                            |                    | falling                  | heb898           |
| kokhaveet                                  | asterisk<br>(*)    | flat                     | heb900           |
|                                            |                    | rising                   | heb901           |
|                                            |                    | falling                  | heb902           |

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| <b>Hebrew phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|--------------------|--------------------------|------------------|
| ba-boker                                   | a.m                | flat                     | heb908           |
|                                            | (6 a.m. - 11 a.m.) | rising                   | heb909           |
|                                            |                    | falling                  | heb910           |
| akhar ha-tzahara'yim                       | p.m                | flat                     | heb912           |
|                                            | (1 p.m. - 5 p.m.)  | rising                   | heb913           |
|                                            |                    | falling                  | heb914           |
| dolar                                      | dollar             | flat                     | heb1200          |
|                                            | (US)               | rising                   | heb1201          |
|                                            |                    | falling                  | heb1202          |
| do'lareem                                  | dollars            | flat                     | heb1204          |
|                                            | (US)               | rising                   | heb1205          |
|                                            |                    | falling                  | heb1206          |
| sent                                       | cent               | flat                     | heb1208          |
|                                            | (US)               | rising                   | heb1209          |
|                                            |                    | falling                  | heb1210          |
| sent                                       | cents              | flat                     | heb1212          |
|                                            | (US)               | rising                   | heb1213          |
|                                            |                    | falling                  | heb1214          |
| mark                                       | mark               | flat                     | heb1216          |
|                                            | (Germany)          | rising                   | heb1217          |
|                                            |                    | falling                  | heb1218          |
| marks                                      | marks              | flat                     | heb1220          |
|                                            | (Germany)          | rising                   | heb1221          |
|                                            |                    | falling                  | heb1222          |
| pfennig                                    | pfennig            | flat                     | heb1224          |
|                                            | (Germany)          | rising                   | heb1225          |
|                                            |                    | falling                  | heb1226          |

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| <b>Hebrew phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|---------------------------|--------------------------|------------------|
| pfennigs                                   | pfennigs<br>(Germany)     | flat                     | heb1228          |
|                                            |                           | rising                   | heb1229          |
|                                            |                           | falling                  | heb1230          |
| yen                                        | yen<br>(Japan)            | flat                     | heb1232          |
|                                            |                           | rising                   | heb1233          |
|                                            |                           | falling                  | heb1234          |
| yens                                       | yens<br>(Japan)           | flat                     | heb1236          |
|                                            |                           | rising                   | heb1237          |
|                                            |                           | falling                  | heb1238          |
| lira                                       | lira<br>(Italy)           | flat                     | heb1240          |
|                                            |                           | rising                   | heb1241          |
|                                            |                           | falling                  | heb1242          |
| lire                                       | liras<br>(Italy)          | flat                     | heb1244          |
|                                            |                           | rising                   | heb1245          |
|                                            |                           | falling                  | heb1246          |
| guilder                                    | guilder<br>(Netherlands)  | flat                     | heb1248          |
|                                            |                           | rising                   | heb1249          |
|                                            |                           | falling                  | heb1250          |
| guilders                                   | guilders<br>(Netherlands) | flat                     | heb1252          |
|                                            |                           | rising                   | heb1253          |
|                                            |                           | falling                  | heb1254          |
| cent                                       | cent<br>(Netherlands)     | flat                     | heb1256          |
|                                            |                           | rising                   | heb1257          |
|                                            |                           | falling                  | heb1258          |
| cent                                       | cents<br>(Netherlands)    | flat                     | heb1260          |
|                                            |                           | rising                   | heb1261          |
|                                            |                           | falling                  | heb1262          |

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| <b>Hebrew phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|---------------------|--------------------------|------------------|
| pound                                      | pound<br>(UK)       | flat                     | heb1264          |
|                                            |                     | rising                   | heb1265          |
|                                            |                     | falling                  | heb1266          |
| pounds                                     | pounds<br>(UK)      | flat                     | heb1268          |
|                                            |                     | rising                   | heb1269          |
|                                            |                     | falling                  | heb1270          |
| penny                                      | penny<br>(UK)       | flat                     | heb1272          |
|                                            |                     | rising                   | heb1273          |
|                                            |                     | falling                  | heb1274          |
| pence                                      | pence<br>(UK)       | flat                     | heb1276          |
|                                            |                     | rising                   | heb1277          |
|                                            |                     | falling                  | heb1278          |
| ayro                                       | euro<br>(Euro)      | flat                     | heb1280          |
|                                            |                     | rising                   | heb1281          |
|                                            |                     | falling                  | heb1282          |
| ayro                                       | euros<br>(Euro)     | flat                     | heb1284          |
|                                            |                     | rising                   | heb1285          |
|                                            |                     | falling                  | heb1286          |
| sent ayro                                  | eurocent<br>(Euro)  | flat                     | heb1288          |
|                                            |                     | rising                   | heb1289          |
|                                            |                     | falling                  | heb1290          |
| sent ayro                                  | eurocents<br>(Euro) | flat                     | heb1292          |
|                                            |                     | rising                   | heb1293          |
|                                            |                     | falling                  | heb1294          |
| frank                                      | franc<br>(France)   | flat                     | heb1296          |
|                                            |                     | rising                   | heb1297          |
|                                            |                     | falling                  | heb1298          |

**Hebrew audio (Sheet 17 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|---------------------------|--------------------------|------------------|
| frankeem                                   | francs<br>(France)        | flat                     | heb1300          |
|                                            |                           | rising                   | heb1301          |
|                                            |                           | falling                  | heb1302          |
| senteem                                    | centime<br>(France)       | flat                     | heb1304          |
|                                            |                           | rising                   | heb1305          |
|                                            |                           | falling                  | heb1306          |
| senteemeem                                 | centimes<br>(France)      | flat                     | heb1308          |
|                                            |                           | rising                   | heb1309          |
|                                            |                           | falling                  | heb1310          |
| peseta                                     | peseta<br>(Spain)         | flat                     | heb1312          |
|                                            |                           | rising                   | heb1313          |
|                                            |                           | falling                  | heb1314          |
| pesetas                                    | pesetas<br>(Spain)        | flat                     | heb1316          |
|                                            |                           | rising                   | heb1317          |
|                                            |                           | falling                  | heb1318          |
| peso                                       | peso<br>(Phillipines)     | flat                     | heb1328          |
|                                            |                           | rising                   | heb1329          |
|                                            |                           | falling                  | heb1330          |
| pesos                                      | pesos<br>(Phillipines)    | flat                     | heb1332          |
|                                            |                           | rising                   | heb1333          |
|                                            |                           | falling                  | heb1334          |
| centavo                                    | centavo<br>(Phillipines)  | flat                     | heb1336          |
|                                            |                           | rising                   | heb1337          |
|                                            |                           | falling                  | heb1338          |
| centavos                                   | centavos<br>(Phillipines) | flat                     | heb1340          |
|                                            |                           | rising                   | heb1341          |
|                                            |                           | falling                  | heb1342          |

**Hebrew audio (Sheet 18 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|------------------------|--------------------------|------------------|
| ringgit                                    | ringgit<br>(Malaysia)  | flat                     | heb1344          |
|                                            |                        | rising                   | heb1345          |
|                                            |                        | falling                  | heb1346          |
| ringgits                                   | ringgits<br>(Malaysia) | flat                     | heb1348          |
|                                            |                        | rising                   | heb1349          |
|                                            |                        | falling                  | heb1350          |
| sen                                        | sen<br>(Malaysia)      | flat                     | heb1352          |
|                                            |                        | rising                   | heb1353          |
|                                            |                        | falling                  | heb1354          |
| sens                                       | sens<br>(Malaysia)     | flat                     | heb1356          |
|                                            |                        | rising                   | heb1357          |
|                                            |                        | falling                  | heb1358          |
| baht                                       | baht<br>(Thailand)     | flat                     | heb1360          |
|                                            |                        | rising                   | heb1361          |
|                                            |                        | falling                  | heb1362          |
| bahts                                      | bahts<br>(Thailand)    | flat                     | heb1364          |
|                                            |                        | rising                   | heb1365          |
|                                            |                        | falling                  | heb1366          |
| satang                                     | satang<br>(Thailand)   | flat                     | heb1368          |
|                                            |                        | rising                   | heb1369          |
|                                            |                        | falling                  | heb1370          |
| satangs                                    | satangs<br>(Thailand)  | flat                     | heb1372          |
|                                            |                        | rising                   | heb1373          |
|                                            |                        | falling                  | heb1374          |
| won                                        | won<br>(Korea)         | flat                     | heb1376          |
|                                            |                        | rising                   | heb1377          |
|                                            |                        | falling                  | heb1378          |

**Hebrew audio (Sheet 19 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------------|--------------------------|------------------|
| wons                                       | wons<br>(Korea)       | flat                     | heb1380          |
|                                            |                       | rising                   | heb1381          |
|                                            |                       | falling                  | heb1382          |
| franc                                      | franc<br>(Belgium)    | flat                     | heb1384          |
|                                            |                       | rising                   | heb1385          |
|                                            |                       | falling                  | heb1386          |
| francs                                     | francs<br>(Belgium)   | flat                     | heb1388          |
|                                            |                       | rising                   | heb1389          |
|                                            |                       | falling                  | heb1390          |
| centime                                    | centime<br>(Belgium)  | flat                     | heb1392          |
|                                            |                       | rising                   | heb1393          |
|                                            |                       | falling                  | heb1394          |
| centimes                                   | centimes<br>(Belgium) | flat                     | heb1396          |
|                                            |                       | rising                   | heb1397          |
|                                            |                       | falling                  | heb1398          |
| dollar                                     | dollar<br>(Canada)    | flat                     | heb1400          |
|                                            |                       | rising                   | heb1401          |
|                                            |                       | falling                  | heb1402          |
| dollars                                    | dollars<br>(Canada)   | flat                     | heb1404          |
|                                            |                       | rising                   | heb1405          |
|                                            |                       | falling                  | heb1406          |
| cent                                       | cent<br>(Canada)      | flat                     | heb1408          |
|                                            |                       | rising                   | heb1409          |
|                                            |                       | falling                  | heb1410          |
| cents                                      | cents<br>(Canada)     | flat                     | heb1412          |
|                                            |                       | rising                   | heb1413          |
|                                            |                       | falling                  | heb1414          |

**Hebrew audio (Sheet 20 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|------------------------|--------------------------|------------------|
| dollar                                     | dollar<br>(Hong Kong)  | flat                     | heb1416          |
|                                            |                        | rising                   | heb1417          |
|                                            |                        | falling                  | heb1418          |
| dollars                                    | dollars<br>(Hong Kong) | flat                     | heb1420          |
|                                            |                        | rising                   | heb1421          |
|                                            |                        | falling                  | heb1422          |
| cent                                       | cent<br>(Hong Kong)    | flat                     | heb1424          |
|                                            |                        | rising                   | heb1425          |
|                                            |                        | falling                  | heb1426          |
| cents                                      | cents<br>(Hong Kong)   | flat                     | heb1428          |
|                                            |                        | rising                   | heb1429          |
|                                            |                        | falling                  | heb1430          |
| gok                                        | gok<br>(Hong Kong)     | flat                     | heb1488          |
|                                            |                        | rising                   | heb1489          |
|                                            |                        | falling                  | heb1490          |
| Goks                                       | goks<br>(Hong Kong)    | flat                     | heb1492          |
|                                            |                        | rising                   | heb1493          |
|                                            |                        | falling                  | heb1494          |
| escudo                                     | escudo<br>(Portugal)   | flat                     | heb1432          |
|                                            |                        | rising                   | heb1433          |
|                                            |                        | falling                  | heb1434          |
| escudos                                    | escudos<br>(Portugal)  | flat                     | heb1436          |
|                                            |                        | rising                   | heb1437          |
|                                            |                        | falling                  | heb1438          |
| centavo                                    | centavo<br>(Portugal)  | flat                     | heb1440          |
|                                            |                        | rising                   | heb1441          |
|                                            |                        | falling                  | heb1442          |

**Hebrew audio (Sheet 21 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|------------------------|--------------------------|------------------|
| centavos                                   | centavos<br>(Portugal) | flat                     | heb1444          |
|                                            |                        | rising                   | heb1445          |
|                                            |                        | falling                  | heb1446          |
| yuan                                       | yuan<br>(China)        | flat                     | heb1448          |
|                                            |                        | rising                   | heb1449          |
|                                            |                        | falling                  | heb1450          |
| yuans                                      | yuans<br>(China)       | flat                     | heb1452          |
|                                            |                        | rising                   | heb1453          |
|                                            |                        | falling                  | heb1454          |
| jiao                                       | jiao<br>(China)        | flat                     | heb1456          |
|                                            |                        | rising                   | heb1457          |
|                                            |                        | falling                  | heb1458          |
| jiaos                                      | jiaos<br>(China)       | flat                     | heb1460          |
|                                            |                        | rising                   | heb1461          |
|                                            |                        | falling                  | heb1462          |
| fen                                        | fen<br>(China)         | flat                     | heb1464          |
|                                            |                        | rising                   | heb1465          |
|                                            |                        | falling                  | heb1466          |
| fens                                       | fens<br>(China)        | flat                     | heb1468          |
|                                            |                        | rising                   | heb1469          |
|                                            |                        | falling                  | heb1470          |
| pound                                      | pound<br>(Ireland)     | flat                     | heb1472          |
|                                            |                        | rising                   | heb1473          |
|                                            |                        | falling                  | heb1474          |
| pounds                                     | pounds<br>(Ireland)    | flat                     | heb1476          |
|                                            |                        | rising                   | heb1477          |
|                                            |                        | falling                  | heb1478          |

**Hebrew audio (Sheet 22 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|---------------------|--------------------------|------------------|
| penny                                      | penny<br>(Ireland)  | flat                     | heb1480          |
|                                            |                     | rising                   | heb1481          |
|                                            |                     | falling                  | heb1482          |
| pence                                      | pence<br>(Ireland)  | flat                     | heb1484          |
|                                            |                     | rising                   | heb1485          |
|                                            |                     | falling                  | heb1486          |
| shekel                                     | shekel<br>(Israel)  | flat                     | heb4000          |
|                                            |                     | rising                   | heb4001          |
|                                            |                     | falling                  | heb4002          |
| shekeleem                                  | shekels<br>(Israel) | flat                     | heb4004          |
|                                            |                     | rising                   | heb4005          |
|                                            |                     | falling                  | heb4006          |
| agoro                                      | agoro<br>(Israel)   | flat                     | heb4008          |
|                                            |                     | rising                   | heb4009          |
|                                            |                     | falling                  | heb4010          |
| agorot                                     | agoros<br>(Israel)  | flat                     | heb4012          |
|                                            |                     | rising                   | heb4013          |
|                                            |                     | falling                  | heb4014          |
| koruna                                     | koruna<br>(Czech)   | flat                     | heb4016          |
|                                            |                     | rising                   | heb4017          |
|                                            |                     | falling                  | heb4018          |
| korunas                                    | korunas<br>(Czech)  | flat                     | heb4020          |
|                                            |                     | rising                   | heb4021          |
|                                            |                     | falling                  | heb4022          |
| haleru                                     | haleru<br>(Czech)   | flat                     | heb4024          |
|                                            |                     | rising                   | heb4025          |
|                                            |                     | falling                  | heb1426          |

**Hebrew audio (Sheet 23 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b>       | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------------|--------------------------|------------------|
| halerus                                    | halerus<br>(Czech)   | flat                     | heb4028          |
|                                            |                      | rising                   | heb4029          |
|                                            |                      | falling                  | heb4030          |
| lira                                       | lira<br>(Turkey)     | flat                     | heb4032          |
|                                            |                      | rising                   | heb4033          |
|                                            |                      | falling                  | heb4034          |
| lire                                       | lire<br>(Turkey)     | flat                     | heb4036          |
|                                            |                      | rising                   | heb4037          |
|                                            |                      | falling                  | heb4038          |
| drachma                                    | drachma<br>(Greece)  | flat                     | heb4040          |
|                                            |                      | rising                   | heb4041          |
|                                            |                      | falling                  | heb4042          |
| drachmas                                   | drachmas<br>(Greece) | flat                     | heb4044          |
|                                            |                      | rising                   | heb4045          |
|                                            |                      | falling                  | heb4046          |
| dong                                       | dong<br>(Vietnam)    | flat                     | heb4048          |
|                                            |                      | rising                   | heb4049          |
|                                            |                      | falling                  | heb4050          |
| dongs                                      | dongs<br>(Vietnam)   | flat                     | heb4052          |
|                                            |                      | rising                   | heb4053          |
|                                            |                      | falling                  | heb4054          |
| rupee                                      | rupee<br>(India)     | flat                     | heb4056          |
|                                            |                      | rising                   | heb4057          |
|                                            |                      | falling                  | heb4058          |
| rupees                                     | rupees<br>(India)    | flat                     | heb4060          |
|                                            |                      | rising                   | heb4061          |
|                                            |                      | falling                  | heb4062          |

**Hebrew audio (Sheet 24 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-------------------|--------------------------|------------------|
| paisa                                      | paisa<br>(India)  | flat                     | heb4064          |
|                                            |                   | rising                   | heb4065          |
|                                            |                   | falling                  | heb4066          |
| paisas                                     | paisas<br>(India) | flat                     | heb4068          |
|                                            |                   | rising                   | heb4069          |
|                                            |                   | falling                  | heb4070          |
| akhat                                      | one<br>(fem.)     | flat                     | heb920           |
|                                            |                   | rising                   | heb921           |
|                                            |                   | falling                  | heb922           |
| shta'yeem                                  | two<br>(fem.)     | flat                     | heb924           |
|                                            |                   | rising                   | heb925           |
|                                            |                   | falling                  | heb926           |
| shalosh                                    | three<br>(fem.)   | flat                     | heb928           |
|                                            |                   | rising                   | heb929           |
|                                            |                   | falling                  | heb930           |
| arba                                       | four<br>(fem.)    | flat                     | heb932           |
|                                            |                   | rising                   | heb933           |
|                                            |                   | falling                  | heb934           |
| khamaysh                                   | five<br>(fem.)    | flat                     | heb936           |
|                                            |                   | rising                   | heb937           |
|                                            |                   | falling                  | heb938           |
| shaysh                                     | six<br>(fem.)     | flat                     | heb940           |
|                                            |                   | rising                   | heb941           |
|                                            |                   | falling                  | heb942           |
| sheva                                      | seven<br>(fem.)   | flat                     | heb944           |
|                                            |                   | rising                   | heb945           |
|                                            |                   | falling                  | heb946           |

**Hebrew audio (Sheet 25 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|--------------------|--------------------------|------------------|
| shmone                                     | eight<br>(fem.)    | flat                     | heb948           |
|                                            |                    | rising                   | heb949           |
|                                            |                    | falling                  | heb950           |
| 'taysha                                    | nine<br>(fem.)     | flat                     | heb952           |
|                                            |                    | rising                   | heb953           |
|                                            |                    | falling                  | heb954           |
| 'eser                                      | ten<br>(fem.)      | flat                     | heb956           |
|                                            |                    | rising                   | heb957           |
|                                            |                    | falling                  | heb958           |
| akhat esray                                | eleven<br>(fem.)   | flat                     | heb960           |
|                                            |                    | rising                   | heb961           |
|                                            |                    | falling                  | heb962           |
| shtaym esray                               | twelve<br>(fem.)   | flat                     | heb964           |
|                                            |                    | rising                   | heb965           |
|                                            |                    | falling                  | heb966           |
| shlosh esray                               | thirteen<br>(fem.) | flat                     | heb968           |
|                                            |                    | rising                   | heb969           |
|                                            |                    | falling                  | heb970           |
| arba esray                                 | fourteen<br>(fem.) | flat                     | heb972           |
|                                            |                    | rising                   | heb973           |
|                                            |                    | falling                  | heb974           |
| khamaysh esray                             | fifteen<br>(fem.)  | flat                     | heb976           |
|                                            |                    | rising                   | heb977           |
|                                            |                    | falling                  | heb978           |
| shaysh esray                               | sixteen<br>(fem.)  | flat                     | heb980           |
|                                            |                    | rising                   | heb981           |
|                                            |                    | falling                  | heb982           |

**Hebrew audio (Sheet 26 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|---------------------|--------------------------|------------------|
| shva esray                                 | seventeen<br>(fem.) | flat                     | heb984           |
|                                            |                     | rising                   | heb985           |
|                                            |                     | falling                  | heb986           |
| shmone esray                               | eighteen<br>(fem.)  | flat                     | heb988           |
|                                            |                     | rising                   | heb989           |
|                                            |                     | falling                  | heb990           |
| tsha esray                                 | nineteen<br>(fem.)  | flat                     | heb992           |
|                                            |                     | rising                   | heb993           |
|                                            |                     | falling                  | heb994           |
| ha-reeshona                                | first<br>(fem.)     | flat                     | heb996           |
|                                            |                     | rising                   | heb997           |
|                                            |                     | falling                  | heb998           |
| ha-sheneeya                                | second<br>(fem.)    | flat                     | heb1000          |
|                                            |                     | rising                   | heb1001          |
|                                            |                     | falling                  | heb1002          |
| ha-shleesheet                              | third<br>(fem.)     | flat                     | heb1004          |
|                                            |                     | rising                   | heb1005          |
|                                            |                     | falling                  | heb1006          |
| ha-revee'eet                               | fourth<br>(fem.)    | flat                     | heb1008          |
|                                            |                     | rising                   | heb1009          |
|                                            |                     | falling                  | heb1010          |
| ha-khameesheet                             | fifth<br>(fem.)     | flat                     | heb1012          |
|                                            |                     | rising                   | heb1013          |
|                                            |                     | falling                  | heb1014          |
| ha-sheesheet                               | sixth<br>(fem.)     | flat                     | heb1016          |
|                                            |                     | rising                   | heb1017          |
|                                            |                     | falling                  | heb1018          |

**Hebrew audio (Sheet 27 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b>                          | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------------------------------|--------------------------|------------------|
| ha-shvee'eet                               | seventh<br>(fem.)                       | flat                     | heb1020          |
|                                            |                                         | rising                   | heb1021          |
|                                            |                                         | falling                  | heb1022          |
| ha-shmeeneet                               | eighth<br>(fem.)                        | flat                     | heb1024          |
|                                            |                                         | rising                   | heb1025          |
|                                            |                                         | falling                  | heb1026          |
| ha-tshee'eet                               | ninth<br>(fem.)                         | flat                     | heb1028          |
|                                            |                                         | rising                   | heb1029          |
|                                            |                                         | falling                  | heb1030          |
| ha-aseereet                                | tenth<br>(fem.)                         | flat                     | heb1032          |
|                                            |                                         | rising                   | heb1033          |
|                                            |                                         | falling                  | heb1034          |
| oo                                         | and<br>(appearing before<br>consonant ) | flat                     | heb1036          |
|                                            |                                         | rising                   | heb1037          |
|                                            |                                         | falling                  | heb1038          |
| va                                         | and<br>(appearing before<br>consonant ) | flat                     | heb1040          |
|                                            |                                         | rising                   | heb1041          |
|                                            |                                         | falling                  | heb1042          |
| be                                         | in                                      | flat                     | heb1044          |
|                                            |                                         | rising                   | heb1045          |
|                                            |                                         | falling                  | heb1046          |
| ha                                         | rank                                    | flat                     | heb1048          |
|                                            |                                         | rising                   | heb1049          |
|                                            |                                         | falling                  | heb1050          |
| sha'atayim                                 | 2 hours                                 | flat                     | heb1052          |
|                                            |                                         | rising                   | heb1053          |
|                                            |                                         | falling                  | heb1054          |

**Hebrew audio (Sheet 28 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b>                      | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-------------------------------------|--------------------------|------------------|
| shtay                                      | two<br>(for 2 minutes)              | flat                     | heb1056          |
|                                            |                                     | rising                   | heb1057          |
|                                            |                                     | falling                  | heb1058          |
| shnay                                      | two<br>(for 2 billion/million)      | flat                     | heb1060          |
|                                            |                                     | rising                   | heb1061          |
|                                            |                                     | falling                  | heb1062          |
| khatzot                                    | midnight                            | flat                     | heb1064          |
|                                            |                                     | rising                   | heb1065          |
|                                            |                                     | falling                  | heb1066          |
| tzahara'yim                                | noon                                | flat                     | heb1068          |
|                                            |                                     | rising                   | heb1069          |
|                                            |                                     | falling                  | heb1070          |
| lifnot boker                               | before morning<br>(1 a.m. - 5 a.m.) | flat                     | heb1072          |
|                                            |                                     | rising                   | heb1073          |
|                                            |                                     | falling                  | heb1074          |
| ba-erev                                    | in the evening<br>(6 p.m. - 8 p.m.) | flat                     | heb1076          |
|                                            |                                     | rising                   | heb1077          |
|                                            |                                     | falling                  | heb1078          |
| ba-layla                                   | in the night<br>(9 p.m. - 11 p.m.)  | flat                     | heb1080          |
|                                            |                                     | rising                   | heb1081          |
|                                            |                                     | falling                  | heb1082          |
| va-reva                                    | and quarter                         | flat                     | heb1084          |
|                                            |                                     | rising                   | heb1085          |
|                                            |                                     | falling                  | heb1086          |

**Hebrew audio (Sheet 29 of 29)**

| <b>Hebrew phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| va-khaytzi                                 | and half       | flat                     | heb1088          |
|                                            |                | rising                   | heb1089          |
|                                            |                | falling                  | heb1090          |
| aseret alafim                              | ten-thousand   | flat                     | heb1092          |
|                                            |                | rising                   | heb1093          |
|                                            |                | falling                  | heb1094          |

## Italian audio files

**Note 1:** Audio file names ita508–ita610, ita896–ita898, and ita900–ita902 are optional. Record the audio if the user provisions the strings functionality on the system.

**Note 2:** Record audio file names ita728–ita1978 if the user provisions ordinal numbers on the system.

**Note 3:** Use audio file names ita728–ita762 and ita1200–ita1278 when this number is the entire number.

**Note 4:** Use audio file names ita1856–ita1890 and ita1980–ita2014 when this number is part of a larger number.

**Note 5:** Record audio file names ita1200–ita1278 if the user provisions currency on the system.

**Note 6:** Record audio file names ita1596–ita1610 if the user provisions the 12-hour clock.

### Italian audio (Sheet 1 of 44)

| Italian phrase or English equivalent | English                     | Phrase intonation | File name |
|--------------------------------------|-----------------------------|-------------------|-----------|
| zero                                 | zero                        | flat              | ita0      |
|                                      |                             | rising            | ita1      |
|                                      |                             | falling           | ita2      |
| uno                                  | one<br>(neutral - counting) | flat              | ita8      |
|                                      |                             | rising            | ita9      |
|                                      |                             | falling           | ita10     |
| due                                  | two                         | flat              | ita12     |
|                                      |                             | rising            | ita13     |
|                                      |                             | falling           | ita14     |
| tre                                  | three                       | flat              | ita16     |
|                                      |                             | rising            | ita17     |
|                                      |                             | falling           | ita18     |

**Italian audio (Sheet 2 of 44)**

| <b>Italian phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| quattro                                     | four           | flat                     | ita20            |
|                                             |                | rising                   | ita21            |
|                                             |                | falling                  | ita22            |
| cinque                                      | five           | flat                     | ita24            |
|                                             |                | rising                   | ita25            |
|                                             |                | falling                  | ita26            |
| sei                                         | six            | flat                     | ita28            |
|                                             |                | rising                   | ita29            |
|                                             |                | falling                  | ita30            |
| sette                                       | seven          | flat                     | ita32            |
|                                             |                | rising                   | ita33            |
|                                             |                | falling                  | ita34            |
| otto                                        | eight          | flat                     | ita36            |
|                                             |                | rising                   | ita37            |
|                                             |                | falling                  | ita38            |
| nove                                        | nine           | flat                     | ita40            |
|                                             |                | rising                   | ita41            |
|                                             |                | falling                  | ita42            |
| dieci                                       | ten            | flat                     | ita56            |
|                                             |                | rising                   | ita57            |
|                                             |                | falling                  | ita58            |
| undici                                      | eleven         | flat                     | ita60            |
|                                             |                | rising                   | ita61            |
|                                             |                | falling                  | ita62            |
| dodici                                      | twelve         | flat                     | ita64            |
|                                             |                | rising                   | ita65            |
|                                             |                | falling                  | ita66            |

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| <b>Italian phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| tredici                                     | thirteen       | flat                     | ita68            |
|                                             |                | rising                   | ita69            |
|                                             |                | falling                  | ita70            |
| quattordici                                 | fourteen       | flat                     | ita72            |
|                                             |                | rising                   | ita73            |
|                                             |                | falling                  | ita74            |
| quindici                                    | fifteen        | flat                     | ita76            |
|                                             |                | rising                   | ita77            |
|                                             |                | falling                  | ita78            |
| sixteen                                     | sedici         | flat                     | ita80            |
|                                             |                | rising                   | ita81            |
|                                             |                | falling                  | ita82            |
| diciassette                                 | seventeen      | flat                     | ita84            |
|                                             |                | rising                   | ita85            |
|                                             |                | falling                  | ita86            |
| diciotto                                    | eighteen       | flat                     | ita88            |
|                                             |                | rising                   | ita89            |
|                                             |                | falling                  | ita90            |
| diciannove                                  | nineteen       | flat                     | ita92            |
|                                             |                | rising                   | ita93            |
|                                             |                | falling                  | ita94            |
| venti                                       | twenty         | flat                     | ita96            |
|                                             |                | rising                   | ita97            |
|                                             |                | falling                  | ita98            |
| trenta                                      | thirty         | flat                     | ita100           |
|                                             |                | rising                   | ita101           |
|                                             |                | falling                  | ita102           |

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| <b>Italian phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| quaranta                                    | forty          | flat                     | ita104           |
|                                             |                | rising                   | ita105           |
|                                             |                | falling                  | ita106           |
| cinquanta                                   | fifty          | flat                     | ita108           |
|                                             |                | rising                   | ita109           |
|                                             |                | falling                  | ita110           |
| sessenta                                    | sixty          | flat                     | ita112           |
|                                             |                | rising                   | ita113           |
|                                             |                | falling                  | ita114           |
| settanta                                    | seventy        | flat                     | ita116           |
|                                             |                | rising                   | ita117           |
|                                             |                | falling                  | ita118           |
| ottanta                                     | eighty         | flat                     | ita120           |
|                                             |                | rising                   | ita121           |
|                                             |                | falling                  | ita122           |
| novanta                                     | ninety         | flat                     | ita124           |
|                                             |                | rising                   | ita125           |
|                                             |                | falling                  | ita126           |
| cento                                       | one-hundred    | flat                     | ita132           |
|                                             |                | rising                   | ita133           |
|                                             |                | falling                  | ita134           |
| duecento                                    | two-hundred    | flat                     | ita136           |
|                                             |                | rising                   | ita137           |
|                                             |                | falling                  | ita138           |
| trecento                                    | three-hundred  | flat                     | ita140           |
|                                             |                | rising                   | ita141           |
|                                             |                | falling                  | ita142           |

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| <b>Italian phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| quattrocento                                | four-hundred   | flat                     | ita144           |
|                                             |                | rising                   | ita145           |
|                                             |                | falling                  | ita146           |
| cinquecento                                 | five-hundred   | flat                     | ita148           |
|                                             |                | rising                   | ita149           |
|                                             |                | falling                  | ita150           |
| seicento                                    | six-hundred    | flat                     | ita152           |
|                                             |                | rising                   | ita153           |
|                                             |                | falling                  | ita154           |
| settecento                                  | seven-hundred  | flat                     | ita156           |
|                                             |                | rising                   | ita157           |
|                                             |                | falling                  | ita158           |
| ottocento                                   | eight-hundred  | flat                     | ita160           |
|                                             |                | rising                   | ita161           |
|                                             |                | falling                  | ita162           |
| novecento                                   | nine-hundred   | flat                     | ita164           |
|                                             |                | rising                   | ita165           |
|                                             |                | falling                  | ita166           |
| ventuno                                     | twenty-one     | flat                     | ita208           |
|                                             |                | rising                   | ita209           |
|                                             |                | falling                  | ita210           |
| ventidue                                    | twenty-two     | flat                     | ita212           |
|                                             |                | rising                   | ita213           |
|                                             |                | falling                  | ita214           |
| ventitre                                    | twenty-three   | flat                     | ita216           |
|                                             |                | rising                   | ita217           |
|                                             |                | falling                  | ita218           |

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| <b>Italian phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| ventiquattro                                | twenty-four    | flat                     | ita220           |
|                                             |                | rising                   | ita221           |
|                                             |                | falling                  | ita222           |
| venticinque                                 | twenty-five    | flat                     | ita224           |
|                                             |                | rising                   | ita225           |
|                                             |                | falling                  | ita226           |
| ventisei                                    | twenty-six     | flat                     | ita228           |
|                                             |                | rising                   | ita229           |
|                                             |                | falling                  | ita230           |
| ventisette                                  | twenty-seven   | flat                     | ita232           |
|                                             |                | rising                   | ita233           |
|                                             |                | falling                  | ita234           |
| ventiotto                                   | twenty-eight   | flat                     | ita236           |
|                                             |                | rising                   | ita237           |
|                                             |                | falling                  | ita238           |
| ventinove                                   | twenty-nine    | flat                     | ita240           |
|                                             |                | rising                   | ita241           |
|                                             |                | falling                  | ita242           |
| trentuno                                    | thirty-one     | flat                     | ita244           |
|                                             |                | rising                   | ita245           |
|                                             |                | falling                  | ita246           |
| quarantuno                                  | forty-one      | flat                     | ita280           |
|                                             |                | rising                   | ita281           |
|                                             |                | falling                  | ita282           |
| cinquantuno                                 | fifty-one      | flat                     | ita316           |
|                                             |                | rising                   | ita317           |
|                                             |                | falling                  | ita318           |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------------|--------------------------|------------------|
| sessantuno                                  | sixty-one                 | flat                     | ita352           |
|                                             |                           | rising                   | ita353           |
|                                             |                           | falling                  | ita354           |
| settantuno                                  | seventy-one               | flat                     | ita388           |
|                                             |                           | rising                   | ita389           |
|                                             |                           | falling                  | ita390           |
| ottantuno                                   | eighty-one                | flat                     | ita424           |
|                                             |                           | rising                   | ita425           |
|                                             |                           | falling                  | ita426           |
| novantuno                                   | ninety-one                | flat                     | ita460           |
|                                             |                           | rising                   | ita461           |
|                                             |                           | falling                  | ita462           |
| un                                          | one<br>(masculine)        | flat                     | ita1520          |
|                                             |                           | rising                   | ita1521          |
|                                             |                           | falling                  | ita1522          |
| ventun                                      | twenty-one<br>(masculine) | flat                     | ita1524          |
|                                             |                           | rising                   | ita1525          |
|                                             |                           | falling                  | ita1526          |
| trentun                                     | thirty-one<br>(masculine) | flat                     | ita1528          |
|                                             |                           | rising                   | ita1529          |
|                                             |                           | falling                  | ita1530          |
| quarantun                                   | forty-one<br>(masculine)  | flat                     | ita1532          |
|                                             |                           | rising                   | ita1533          |
|                                             |                           | falling                  | ita1534          |
| cinquantun                                  | fifty-one<br>(masculine)  | flat                     | ita1536          |
|                                             |                           | rising                   | ita1537          |
|                                             |                           | falling                  | ita1538          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>             | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------------------|--------------------------|------------------|
| sessantun                                   | sixty-one<br>(masculine)   | flat                     | ita1540          |
|                                             |                            | rising                   | ita1541          |
|                                             |                            | falling                  | ita1542          |
| settantun                                   | seventy-one<br>(masculine) | flat                     | ita1544          |
|                                             |                            | rising                   | ita1545          |
|                                             |                            | falling                  | ita1546          |
| ottantun                                    | eighty-one<br>(masculine)  | flat                     | ita1548          |
|                                             |                            | rising                   | ita1549          |
|                                             |                            | falling                  | ita1550          |
| novantun                                    | ninety-one<br>(masculine)  | flat                     | ita1552          |
|                                             |                            | rising                   | ita1553          |
|                                             |                            | falling                  | ita1554          |
| una                                         | one<br>(feminine)          | flat                     | ita1556          |
|                                             |                            | rising                   | ita1557          |
|                                             |                            | falling                  | ita1558          |
| ventuna                                     | twenty-one<br>(feminine)   | flat                     | ita1560          |
|                                             |                            | rising                   | ita1561          |
|                                             |                            | falling                  | ita1562          |
| trentuna                                    | thirty-one<br>(feminine)   | flat                     | ita1564          |
|                                             |                            | rising                   | ita1565          |
|                                             |                            | falling                  | ita1566          |
| quarantuna                                  | forty-one<br>(feminine)    | flat                     | ita1568          |
|                                             |                            | rising                   | ita1569          |
|                                             |                            | falling                  | ita1570          |
| cinquantuna                                 | fifty-one<br>(feminine)    | flat                     | ita1572          |
|                                             |                            | rising                   | ita1573          |
|                                             |                            | falling                  | ita1574          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------------|--------------------------|------------------|
| sessantuna                                  | sixty-one<br>(feminine)   | flat                     | ita1576          |
|                                             |                           | rising                   | ita1577          |
|                                             |                           | falling                  | ita1578          |
| settantuna                                  | seventy-one<br>(feminine) | flat                     | ita1580          |
|                                             |                           | rising                   | ita1581          |
|                                             |                           | falling                  | ita1582          |
| ottantuna                                   | eighty-one<br>(feminine)  | flat                     | ita1584          |
|                                             |                           | rising                   | ita1585          |
|                                             |                           | falling                  | ita1586          |
| novantuna                                   | ninety-one<br>(feminine)  | flat                     | ita1588          |
|                                             |                           | rising                   | ita1589          |
|                                             |                           | falling                  | ita1590          |
| trentotto                                   | thirty-eight              | flat                     | ita272           |
|                                             |                           | rising                   | ita273           |
|                                             |                           | falling                  | ita274           |
| quarantotto                                 | forty-eight               | flat                     | ita308           |
|                                             |                           | rising                   | ita309           |
|                                             |                           | falling                  | ita310           |
| cinquantotto                                | fifty-eight               | flat                     | ita344           |
|                                             |                           | rising                   | ita345           |
|                                             |                           | falling                  | ita346           |
| sessantotto                                 | sixty-eight               | flat                     | ita380           |
|                                             |                           | rising                   | ita381           |
|                                             |                           | falling                  | ita382           |
| settantotto                                 | seventy-eight             | flat                     | ita416           |
|                                             |                           | rising                   | ita417           |
|                                             |                           | falling                  | ita418           |

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| Italian phrase or English equivalent | English                     | Phrase intonation | File name |
|--------------------------------------|-----------------------------|-------------------|-----------|
| ottantotto                           | eighty-eight                | flat              | ita452    |
|                                      |                             | rising            | ita453    |
|                                      |                             | falling           | ita454    |
| novantotto                           | ninety-eight                | flat              | ita488    |
|                                      |                             | rising            | ita489    |
|                                      |                             | falling           | ita490    |
| mille                                | thousand<br>(one, singular) | flat              | ita172    |
|                                      |                             | rising            | ita173    |
|                                      |                             | falling           | ita174    |
| mila                                 | thousand<br>(plural)        | flat              | ita1500   |
|                                      |                             | rising            | ita1501   |
|                                      |                             | falling           | ita1502   |
| duemila                              | two-thousand                | flat              | ita176    |
|                                      |                             | rising            | ita177    |
|                                      |                             | falling           | ita178    |
| tremila                              | three-thousand              | flat              | ita180    |
|                                      |                             | rising            | ita181    |
|                                      |                             | falling           | ita182    |
| quattromila                          | four-thousand               | flat              | ita184    |
|                                      |                             | rising            | ita185    |
|                                      |                             | falling           | ita186    |
| cinquemila                           | five-thousand               | flat              | ita188    |
|                                      |                             | rising            | ita189    |
|                                      |                             | falling           | ita190    |
| seimila                              | six-thousand                | flat              | ita192    |
|                                      |                             | rising            | ita193    |
|                                      |                             | falling           | ita194    |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------------|--------------------------|------------------|
| settemila                                   | seven-thousand        | flat                     | ita196           |
|                                             |                       | rising                   | ita197           |
|                                             |                       | falling                  | ita198           |
| ottomila                                    | eight-thousand        | flat                     | ita200           |
|                                             |                       | rising                   | ita201           |
|                                             |                       | falling                  | ita202           |
| novemila                                    | nine-thousand         | flat                     | ita204           |
|                                             |                       | rising                   | ita205           |
|                                             |                       | falling                  | ita206           |
| milione                                     | million<br>(singular) | flat                     | ita500           |
|                                             |                       | rising                   | ita501           |
|                                             |                       | falling                  | ita502           |
| milioni                                     | million<br>(plural)   | flat                     | ita1504          |
|                                             |                       | rising                   | ita1505          |
|                                             |                       | falling                  | ita1506          |
| miliardo                                    | billion<br>(singular) | flat                     | ita504           |
|                                             |                       | rising                   | ita505           |
|                                             |                       | falling                  | ita506           |
| miliardi                                    | billion<br>(plural)   | flat                     | ita1508          |
|                                             |                       | rising                   | ita1509          |
|                                             |                       | falling                  | ita1510          |
| optional                                    | a                     | flat                     | ita508           |
|                                             |                       | rising                   | ita509           |
|                                             |                       | falling                  | ita510           |
| optional                                    | b                     | flat                     | ita512           |
|                                             |                       | rising                   | ita513           |
|                                             |                       | falling                  | ita514           |

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| <b>Italian phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| optional                                    | c              | flat                     | ita516           |
|                                             |                | rising                   | ita517           |
|                                             |                | falling                  | ita518           |
| optional                                    | d              | flat                     | ita520           |
|                                             |                | rising                   | ita521           |
|                                             |                | falling                  | ita522           |
| optional                                    | e              | flat                     | ita524           |
|                                             |                | rising                   | ita525           |
|                                             |                | falling                  | ita526           |
| optional                                    | f              | flat                     | ita528           |
|                                             |                | rising                   | ita529           |
|                                             |                | falling                  | ita530           |
| optional                                    | g              | flat                     | ita532           |
|                                             |                | rising                   | ita533           |
|                                             |                | falling                  | ita534           |
| optional                                    | h              | flat                     | ita536           |
|                                             |                | rising                   | ita537           |
|                                             |                | falling                  | ita538           |
| optional                                    | i              | flat                     | ita540           |
|                                             |                | rising                   | ita541           |
|                                             |                | falling                  | ita542           |
| optional                                    | j              | flat                     | its544           |
|                                             |                | rising                   | ita545           |
|                                             |                | falling                  | ita546           |
| optional                                    | k              | flat                     | ita548           |
|                                             |                | rising                   | ita549           |
|                                             |                | falling                  | ita550           |

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| <b>Italian phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| optional                                    | l              | flat                     | ita552           |
|                                             |                | rising                   | ita553           |
|                                             |                | falling                  | ita554           |
| optional                                    | m              | flat                     | ita556           |
|                                             |                | rising                   | ita557           |
|                                             |                | falling                  | ita558           |
| optional                                    | n              | flat                     | ita560           |
|                                             |                | rising                   | ita561           |
|                                             |                | falling                  | ita562           |
| optional                                    | o              | flat                     | ita564           |
|                                             |                | rising                   | ita565           |
|                                             |                | falling                  | ita566           |
| optional                                    | p              | flat                     | ita568           |
|                                             |                | rising                   | ita569           |
|                                             |                | falling                  | ita570           |
| optional                                    | q              | flat                     | ita572           |
|                                             |                | rising                   | ita573           |
|                                             |                | falling                  | ita574           |
| optional                                    | r              | flat                     | ita576           |
|                                             |                | rising                   | ita577           |
|                                             |                | falling                  | ita578           |
| optional                                    | s              | flat                     | ita580           |
|                                             |                | rising                   | ita581           |
|                                             |                | falling                  | ita582           |
| optional                                    | t              | flat                     | ita584           |
|                                             |                | rising                   | ita585           |
|                                             |                | falling                  | ita586           |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------------|--------------------------|------------------|
| optional                                    | u                      | flat                     | ita588           |
|                                             |                        | rising                   | ita589           |
|                                             |                        | falling                  | ita590           |
| optional                                    | v                      | flat                     | ita592           |
|                                             |                        | rising                   | ita593           |
|                                             |                        | falling                  | ita594           |
| optional                                    | w                      | flat                     | ita596           |
|                                             |                        | rising                   | ita597           |
|                                             |                        | falling                  | ita598           |
| optional                                    | x                      | flat                     | ita600           |
|                                             |                        | rising                   | ita601           |
|                                             |                        | falling                  | ita602           |
| optional                                    | y                      | flat                     | ita604           |
|                                             |                        | rising                   | ita605           |
|                                             |                        | falling                  | ita606           |
| optional                                    | z                      | flat                     | ita608           |
|                                             |                        | rising                   | ita609           |
|                                             |                        | falling                  | ita610           |
| negativo                                    | negative<br>(singular) | flat                     | ita616           |
|                                             |                        | rising                   | ita617           |
|                                             |                        | falling                  | ita618           |
| negativi                                    | negative<br>(plural)   | flat                     | ita1512          |
|                                             |                        | rising                   | ita1513          |
|                                             |                        | falling                  | ita1514          |
| e                                           | and                    | flat                     | ita620           |
|                                             |                        | rising                   | ita621           |
|                                             |                        | falling                  | ita622           |

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| <b>Italian phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| ora                                         | hour           | flat                     | ita624           |
|                                             |                | rising                   | ita625           |
|                                             |                | falling                  | ita626           |
| ore                                         | hours          | flat                     | ita628           |
|                                             |                | rising                   | ita629           |
|                                             |                | falling                  | ita630           |
| minuto                                      | minute         | flat                     | ita632           |
|                                             |                | rising                   | ita633           |
|                                             |                | falling                  | ita634           |
| minuti                                      | minutes        | flat                     | ita636           |
|                                             |                | rising                   | ita637           |
|                                             |                | falling                  | ita638           |
| secondo                                     | second         | flat                     | ita640           |
|                                             |                | rising                   | ita641           |
|                                             |                | falling                  | ita642           |
| secondi                                     | seconds        | flat                     | ita644           |
|                                             |                | rising                   | ita645           |
|                                             |                | falling                  | ita646           |
| gennaio                                     | January        | flat                     | ita648           |
|                                             |                | rising                   | ita649           |
|                                             |                | falling                  | ita650           |
| febbraio                                    | February       | flat                     | ita652           |
|                                             |                | rising                   | ita653           |
|                                             |                | falling                  | ita654           |
| marzo                                       | March          | flat                     | ita656           |
|                                             |                | rising                   | ita657           |
|                                             |                | falling                  | ita658           |

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| <b>Italian phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| aprile                                      | April          | flat                     | ita660           |
|                                             |                | rising                   | ita661           |
|                                             |                | falling                  | ita662           |
| maggio                                      | May            | flat                     | ita664           |
|                                             |                | rising                   | ita665           |
|                                             |                | falling                  | ita666           |
| giugno                                      | June           | flat                     | ita668           |
|                                             |                | rising                   | ita669           |
|                                             |                | falling                  | ita670           |
| luglio                                      | July           | flat                     | ita672           |
|                                             |                | rising                   | ita673           |
|                                             |                | falling                  | ita674           |
| agosto                                      | August         | flat                     | ita676           |
|                                             |                | rising                   | ita677           |
|                                             |                | falling                  | ita678           |
| settembre                                   | September      | flat                     | ita680           |
|                                             |                | rising                   | ita681           |
|                                             |                | falling                  | ita682           |
| ottobre                                     | October        | flat                     | ita684           |
|                                             |                | rising                   | ita685           |
|                                             |                | falling                  | ita686           |
| novembre                                    | November       | flat                     | ita688           |
|                                             |                | rising                   | ita689           |
|                                             |                | falling                  | ita690           |
| dicembre                                    | December       | flat                     | ita692           |
|                                             |                | rising                   | ita693           |
|                                             |                | falling                  | ita694           |

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| <b>Italian phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| domenica                                    | Sunday         | flat                     | ita696           |
|                                             |                | rising                   | ita697           |
|                                             |                | falling                  | ita698           |
| lunedì                                      | Monday         | flat                     | ita700           |
|                                             |                | rising                   | ita701           |
|                                             |                | falling                  | ita702           |
| martedì                                     | Tuesday        | flat                     | ita704           |
|                                             |                | rising                   | ita705           |
|                                             |                | falling                  | ita706           |
| mercoledì                                   | Wednesday      | flat                     | ita708           |
|                                             |                | rising                   | ita709           |
|                                             |                | falling                  | ita710           |
| giovedì                                     | Thursday       | flat                     | ita712           |
|                                             |                | rising                   | ita713           |
|                                             |                | falling                  | ita714           |
| venerdì                                     | Friday         | flat                     | ita716           |
|                                             |                | rising                   | ita717           |
|                                             |                | falling                  | ita718           |
| sabato                                      | Saturday       | flat                     | ita720           |
|                                             |                | rising                   | ita721           |
|                                             |                | falling                  | ita722           |
| primo                                       | first          | flat                     | ita728           |
|                                             | (masc, sing)   | rising                   | ita729           |
|                                             |                | falling                  | ita730           |
| secondo                                     | second         | flat                     | ita732           |
|                                             | (masc, sing)   | rising                   | ita733           |
|                                             |                | falling                  | ita734           |

**Italian audio (Sheet 18 of 44)**

| <b>Italian phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|--------------------------|--------------------------|------------------|
| terzo                                       | third<br>(masc, sing)    | flat                     | ita736           |
|                                             |                          | rising                   | ita737           |
|                                             |                          | falling                  | ita738           |
| quarto                                      | fourth<br>(masc, sing)   | flat                     | ita740           |
|                                             |                          | rising                   | ita741           |
|                                             |                          | falling                  | ita742           |
| quinto                                      | fifth<br>(masc, sing)    | flat                     | ita744           |
|                                             |                          | rising                   | ita745           |
|                                             |                          | falling                  | ita746           |
| sesto                                       | sixth<br>(masc, sing)    | flat                     | ita748           |
|                                             |                          | rising                   | ita749           |
|                                             |                          | falling                  | ita750           |
| settimo                                     | seventh<br>(masc, sing)  | flat                     | ita752           |
|                                             |                          | rising                   | ita753           |
|                                             |                          | falling                  | ita754           |
| ottavo                                      | eighth<br>(masc, sing)   | flat                     | ita756           |
|                                             |                          | rising                   | ita757           |
|                                             |                          | falling                  | ita758           |
| nono                                        | ninth<br>(masc, sing)    | flat                     | ita760           |
|                                             |                          | rising                   | ita761           |
|                                             |                          | falling                  | ita762           |
| decimo                                      | tenth<br>(masc, sing)    | flat                     | ita764           |
|                                             |                          | rising                   | ita765           |
|                                             |                          | falling                  | ita766           |
| undicesimo                                  | eleventh<br>(masc, sing) | flat                     | ita768           |
|                                             |                          | rising                   | ita769           |
|                                             |                          | falling                  | ita770           |

**Italian audio (Sheet 19 of 44)**

| <b>Italian phrase or English equivalent</b> | <b>English</b>              | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------------------|--------------------------|------------------|
| dodicesimo                                  | twelfth<br>(masc, sing)     | flat                     | ita772           |
|                                             |                             | rising                   | ita773           |
|                                             |                             | falling                  | ita774           |
| tredicesimo                                 | thirteenth<br>(masc, sing)  | flat                     | ita776           |
|                                             |                             | rising                   | ita777           |
|                                             |                             | falling                  | ita778           |
| quattordicesimo                             | fourteenth<br>(masc, sing)  | flat                     | ita780           |
|                                             |                             | rising                   | ita781           |
|                                             |                             | falling                  | ita782           |
| quindicesimo                                | fifteenth<br>(masc, sing)   | flat                     | ita784           |
|                                             |                             | rising                   | ita785           |
|                                             |                             | falling                  | ita786           |
| sedicesimo                                  | sixteenth<br>(masc, sing)   | flat                     | ita788           |
|                                             |                             | rising                   | ita789           |
|                                             |                             | falling                  | ita790           |
| diciassettesimo                             | seventeenth<br>(masc, sing) | flat                     | ita792           |
|                                             |                             | rising                   | ita793           |
|                                             |                             | falling                  | ita794           |
| diciottesimo                                | eighteenth<br>(masc, sing)  | flat                     | ita796           |
|                                             |                             | rising                   | ita797           |
|                                             |                             | falling                  | ita798           |
| diciannovesimo                              | nineteenth<br>(masc, sing)  | flat                     | ita800           |
|                                             |                             | rising                   | ita801           |
|                                             |                             | falling                  | ita802           |
| ventesimo                                   | twentieth<br>(masc, sing)   | flat                     | ita804           |
|                                             |                             | rising                   | ita805           |
|                                             |                             | falling                  | ita806           |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>             | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------------------|--------------------------|------------------|
| trentesimo                                  | thirtieth<br>(masc, sing)  | flat                     | ita808           |
|                                             |                            | rising                   | ita809           |
|                                             |                            | falling                  | ita810           |
| quarantesimo                                | fortieth<br>(masc, sing)   | flat                     | ita812           |
|                                             |                            | rising                   | ita813           |
|                                             |                            | falling                  | ita814           |
| cinquantesimo                               | fiftieth<br>(masc, sing)   | flat                     | ita816           |
|                                             |                            | rising                   | ita817           |
|                                             |                            | falling                  | ita818           |
| sessantesimo                                | sixtieth<br>(masc, sing)   | flat                     | ita820           |
|                                             |                            | rising                   | ita821           |
|                                             |                            | falling                  | ita822           |
| settantesimo                                | seventieth<br>(masc, sing) | flat                     | ita824           |
|                                             |                            | rising                   | ita825           |
|                                             |                            | falling                  | ita826           |
| ottantesimo                                 | eightieth<br>(masc, sing)  | flat                     | ita828           |
|                                             |                            | rising                   | ita829           |
|                                             |                            | falling                  | ita830           |
| novantesimo                                 | ninetieth<br>(masc, sing)  | flat                     | ita832           |
|                                             |                            | rising                   | ita833           |
|                                             |                            | falling                  | ita834           |
| centesimo                                   | hundredth<br>(masc, sing)  | flat                     | ita836           |
|                                             |                            | rising                   | ita837           |
|                                             |                            | falling                  | ita838           |
| millesimo                                   | thousandth<br>(masc, sing) | flat                     | ita872           |
|                                             |                            | rising                   | ita873           |
|                                             |                            | falling                  | ita874           |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------------|--------------------------|------------------|
| milionesimo                                 | millionth<br>(masc, sing) | flat                     | ita880           |
|                                             |                           | rising                   | ita881           |
|                                             |                           | falling                  | ita882           |
| miliardesimo                                | billionth<br>(masc, sing) | flat                     | ita888           |
|                                             |                           | rising                   | ita889           |
|                                             |                           | falling                  | ita890           |
| primi                                       | first<br>(masc, plural)   | flat                     | ita1700          |
|                                             |                           | rising                   | ita1701          |
|                                             |                           | falling                  | ita1702          |
| secondi                                     | second<br>(masc, plural)  | flat                     | ita1704          |
|                                             |                           | rising                   | ita1705          |
|                                             |                           | falling                  | ita1706          |
| terzi                                       | third<br>(masc, plural)   | flat                     | ita1708          |
|                                             |                           | rising                   | ita1709          |
|                                             |                           | falling                  | ita1710          |
| quarti                                      | fourth<br>(masc, plural)  | flat                     | ita1712          |
|                                             |                           | rising                   | ita1713          |
|                                             |                           | falling                  | ita1714          |
| quinti                                      | fifth<br>(masc, plural)   | flat                     | ita1716          |
|                                             |                           | rising                   | ita1717          |
|                                             |                           | falling                  | ita1718          |
| sesti                                       | sixth<br>(masc, plural)   | flat                     | ita1720          |
|                                             |                           | rising                   | ita1721          |
|                                             |                           | falling                  | ita1722          |
| settimi                                     | seventh<br>(masc, plural) | flat                     | ita1724          |
|                                             |                           | rising                   | ita1725          |
|                                             |                           | falling                  | ita1726          |

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| Italian phrase or English equivalent | English                  | Phrase intonation | File name |
|--------------------------------------|--------------------------|-------------------|-----------|
| ottavi                               | eighth<br>(masc, plural) | flat              | ita1728   |
|                                      |                          | rising            | ita1729   |
|                                      |                          | falling           | ita1730   |
| noni                                 | ninth<br>(masc, plural)  | flat              | ita1732   |
|                                      |                          | rising            | ita1733   |
|                                      |                          | falling           | ita1734   |
| decimi                               | tenth<br>(masc, plural)  | flat              | ita1736   |
|                                      |                          | rising            | ita1737   |
|                                      |                          | falling           | ita1738   |
| prima                                | first<br>(fem, sing)     | flat              | ita1740   |
|                                      |                          | rising            | ita1741   |
|                                      |                          | falling           | ita1742   |
| seconda                              | second<br>(fem, sing)    | flat              | ita1744   |
|                                      |                          | rising            | ita1745   |
|                                      |                          | falling           | ita1746   |
| terza                                | third<br>(fem, sing)     | flat              | ita1748   |
|                                      |                          | rising            | ita1749   |
|                                      |                          | falling           | ita1750   |
| quarta                               | fourth<br>(fem, sing)    | flat              | ita1752   |
|                                      |                          | rising            | ita1753   |
|                                      |                          | falling           | ita1754   |
| quinta                               | fifth<br>(fem, sing)     | flat              | ita1756   |
|                                      |                          | rising            | ita1757   |
|                                      |                          | falling           | ita1758   |
| sesta                                | sixth<br>(fem, sing)     | flat              | ita1760   |
|                                      |                          | rising            | ita1761   |
|                                      |                          | falling           | ita1762   |

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| Italian phrase or English equivalent | English                 | Phrase intonation | File name |
|--------------------------------------|-------------------------|-------------------|-----------|
| settima                              | seventh<br>(fem, sing)  | flat              | ita1764   |
|                                      |                         | rising            | ita1765   |
|                                      |                         | falling           | ita1766   |
| ottava                               | eighth<br>(fem, sing)   | flat              | ita1768   |
|                                      |                         | rising            | ita1769   |
|                                      |                         | falling           | ita1770   |
| nona                                 | ninth<br>(fem, sing)    | flat              | ita1772   |
|                                      |                         | rising            | ita1773   |
|                                      |                         | falling           | ita1774   |
| decima                               | tenth<br>(fem, sing)    | flat              | ita1776   |
|                                      |                         | rising            | ita1777   |
|                                      |                         | falling           | ita1778   |
| prime                                | first<br>(fem, plural)  | flat              | ita1780   |
|                                      |                         | rising            | ita1781   |
|                                      |                         | falling           | ita1782   |
| seconde                              | second<br>(fem, plural) | flat              | ita1784   |
|                                      |                         | rising            | ita1785   |
|                                      |                         | falling           | ita1786   |
| terze                                | third<br>(fem, plural)  | flat              | ita1788   |
|                                      |                         | rising            | ita1789   |
|                                      |                         | falling           | ita1790   |
| quarte                               | fourth<br>(fem, plural) | flat              | ita1792   |
|                                      |                         | rising            | ita1793   |
|                                      |                         | falling           | ita1794   |
| quinte                               | fifth<br>(fem, plural)  | flat              | ita1796   |
|                                      |                         | rising            | ita1797   |
|                                      |                         | falling           | ita1798   |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|--------------------------|--------------------------|------------------|
| seste                                       | sixth<br>(fem, plural)   | flat                     | ita1800          |
|                                             |                          | rising                   | ita1801          |
|                                             |                          | falling                  | ita1802          |
| settime                                     | seventh<br>(fem, plural) | flat                     | ita1804          |
|                                             |                          | rising                   | ita1805          |
|                                             |                          | falling                  | ita1806          |
| ottave                                      | eighth<br>(fem, plural)  | flat                     | ita1808          |
|                                             |                          | rising                   | ita1809          |
|                                             |                          | falling                  | ita1810          |
| none                                        | ninth<br>(fem, plural)   | flat                     | ita1812          |
|                                             |                          | rising                   | ita1813          |
|                                             |                          | falling                  | ita1814          |
| decime                                      | tenth<br>(fem, plural)   | flat                     | ita1816          |
|                                             |                          | rising                   | ita1817          |
|                                             |                          | falling                  | ita1818          |
| unesimo                                     | first<br>(masc, sing)    | flat                     | ita1820          |
|                                             |                          | rising                   | ita1821          |
|                                             |                          | falling                  | ita1822          |
| duesimo                                     | second<br>(masc, sing)   | flat                     | ita1824          |
|                                             |                          | rising                   | ita1825          |
|                                             |                          | falling                  | ita1826          |
| treesimo                                    | third<br>(masc, sing)    | flat                     | ita1828          |
|                                             |                          | rising                   | ita1829          |
|                                             |                          | falling                  | ita1830          |
| quatresimo                                  | fourth<br>(masc, sing)   | flat                     | ita1832          |
|                                             |                          | rising                   | ita1833          |
|                                             |                          | falling                  | ita1834          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>                                           | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------------------------------------------------|--------------------------|------------------|
| cinquesimo                                  | fifth<br>(masc, sing)                                    | flat                     | ita1836          |
|                                             |                                                          | rising                   | ita1837          |
|                                             |                                                          | falling                  | ita1838          |
| seiesimo                                    | sixth<br>(masc, sing)                                    | flat                     | ita1840          |
|                                             |                                                          | rising                   | ita1841          |
|                                             |                                                          | falling                  | ita1842          |
| settesimo                                   | seventh<br>(masc, sing)                                  | flat                     | ita1844          |
|                                             |                                                          | rising                   | itat1845         |
|                                             |                                                          | falling                  | ita1846          |
| ottesimo                                    | eighth<br>(masc, sing)                                   | flat                     | ita1848          |
|                                             |                                                          | rising                   | ita1849          |
|                                             |                                                          | falling                  | ita1850          |
| novesimo                                    | ninth<br>(masc, sing)                                    | flat                     | ita1852          |
|                                             |                                                          | rising                   | ita1853          |
|                                             |                                                          | falling                  | ita1854          |
| unesimi                                     | first<br>(masc, plural) used as part<br>of other numbers | flat                     | ita1856          |
|                                             |                                                          | rising                   | ita1857          |
|                                             |                                                          | falling                  | ita1858          |
| duesimi                                     | second<br>(masc, plural)                                 | flat                     | ita1860          |
|                                             |                                                          | rising                   | ita1861          |
|                                             |                                                          | falling                  | ita1862          |
| treesimi                                    | third<br>(masc, plural)                                  | flat                     | ita1864          |
|                                             |                                                          | rising                   | ita1865          |
|                                             |                                                          | falling                  | ita1866          |
| quatresimi                                  | fourth<br>(masc, plural)                                 | flat                     | ita1868          |
|                                             |                                                          | rising                   | ita1869          |
|                                             |                                                          | falling                  | ita1870          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>               | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------------------|--------------------------|------------------|
| cinquesimi                                  | fifth<br>(masc, plural)      | flat                     | ita1872          |
|                                             |                              | rising                   | ita1873          |
|                                             |                              | falling                  | ita1874          |
| seiesimi                                    | sixth<br>(masc, plural)      | flat                     | ita1876          |
|                                             |                              | rising                   | ita1877          |
|                                             |                              | falling                  | ita1878          |
| settesimi                                   | seventh<br>(masc, plural)    | flat                     | ita1880          |
|                                             |                              | rising                   | ita1881          |
|                                             |                              | falling                  | ita1882          |
| ottesimi                                    | eighth<br>(masc, plural)     | flat                     | ita1884          |
|                                             |                              | rising                   | ita1885          |
|                                             |                              | falling                  | ita1886          |
| novesimi                                    | ninth<br>(masc, plural)      | flat                     | ita1888          |
|                                             |                              | rising                   | ita1889          |
|                                             |                              | falling                  | ita1890          |
| undicesimi                                  | eleventh<br>(masc, plural)   | flat                     | ita1896          |
|                                             |                              | rising                   | ita1897          |
|                                             |                              | falling                  | ita1898          |
| dodicesimi                                  | twelfth<br>(masc, plural)    | flat                     | ita1900          |
|                                             |                              | rising                   | ita1901          |
|                                             |                              | falling                  | ita1902          |
| tredicesimi                                 | thirteenth<br>(masc, plural) | flat                     | ita1904          |
|                                             |                              | rising                   | ita1905          |
|                                             |                              | falling                  | ita1906          |
| quattordicesi                               | fourteenth<br>(masc, plural) | flat                     | ita1908          |
|                                             |                              | rising                   | ita1909          |
|                                             |                              | falling                  | ita1910          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>                | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-------------------------------|--------------------------|------------------|
| quindicesimi                                | fifteenth<br>(masc, plural)   | flat                     | ita1912          |
|                                             |                               | rising                   | ita1913          |
|                                             |                               | falling                  | ita1914          |
| sedicesimi                                  | sixteenth<br>(masc, plural)   | flat                     | ita1916          |
|                                             |                               | rising                   | ita1917          |
|                                             |                               | falling                  | ita1918          |
| diciassettesimi                             | seventeenth<br>(masc, plural) | flat                     | ita1920          |
|                                             |                               | rising                   | ita1921          |
|                                             |                               | falling                  | ita1922          |
| diciottesimi                                | eighteenth<br>(masc, plural)  | flat                     | ita1924          |
|                                             |                               | rising                   | ita1925          |
|                                             |                               | falling                  | ita1926          |
| diciannovesimi                              | nineteenth<br>(masc, plural)  | flat                     | ita1928          |
|                                             |                               | rising                   | ita1929          |
|                                             |                               | falling                  | ita1930          |
| ventesimi                                   | twentieth<br>(masc, plural)   | flat                     | ita1932          |
|                                             |                               | rising                   | ita1933          |
|                                             |                               | falling                  | ita1934          |
| trentesimi                                  | thirtieth<br>(masc, plural)   | flat                     | ita1936          |
|                                             |                               | rising                   | ita1937          |
|                                             |                               | falling                  | ita1938          |
| quarantesimi                                | fortieth<br>(masc, plural)    | flat                     | ita1940          |
|                                             |                               | rising                   | ita1941          |
|                                             |                               | falling                  | ita1942          |
| cinquantesimi                               | fiftieth<br>(masc, plural)    | flat                     | ita1944          |
|                                             |                               | rising                   | ita1945          |
|                                             |                               | falling                  | ita1946          |

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| Italian phrase or English equivalent | English                      | Phrase intonation | File name |
|--------------------------------------|------------------------------|-------------------|-----------|
| sessantesimi                         | sixtieth<br>(masc, plural)   | flat              | ita1948   |
|                                      |                              | rising            | ita1949   |
|                                      |                              | falling           | ita1950   |
| settantesimi                         | seventieth<br>(masc, plural) | flat              | ita1952   |
|                                      |                              | rising            | ita1953   |
|                                      |                              | falling           | ita1954   |
| ottantesimi                          | eightieth<br>(masc, plural)  | flat              | ita1956   |
|                                      |                              | rising            | ita1957   |
|                                      |                              | falling           | ita1958   |
| novantesimi                          | nintieth<br>(masc, plural)   | flat              | ita1960   |
|                                      |                              | rising            | ita1961   |
|                                      |                              | falling           | ita1962   |
| centesimi                            | hundredth<br>(masc, plural)  | flat              | ita1964   |
|                                      |                              | rising            | ita1965   |
|                                      |                              | falling           | ita1966   |
| millesimi                            | thousandth<br>(masc, plural) | flat              | ita1968   |
|                                      |                              | rising            | ita1969   |
|                                      |                              | falling           | ita1970   |
| millionesimi                         | millionth<br>(masc, plural)  | flat              | ita1972   |
|                                      |                              | rising            | ita1973   |
|                                      |                              | falling           | ita1974   |
| billionesimi                         | billionth<br>(masc, plural)  | flat              | ita1976   |
|                                      |                              | rising            | ita1977   |
|                                      |                              | falling           | ita1978   |
| unesima                              | first<br>(fem, sing)         | flat              | ita1980   |
|                                      |                              | rising            | ita1981   |
|                                      |                              | falling           | ita1982   |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>          | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-------------------------|--------------------------|------------------|
| duesima                                     | second<br>(fem, sing)   | flat                     | ita1984          |
|                                             |                         | rising                   | ita1985          |
|                                             |                         | falling                  | ita1986          |
| treesima                                    | third<br>(fem, sing)    | flat                     | ita1988          |
|                                             |                         | rising                   | ita1989          |
|                                             |                         | falling                  | ita1990          |
| quattresima                                 | fourth<br>(fem, sing)   | flat                     | ita1992          |
|                                             |                         | rising                   | ita1993          |
|                                             |                         | falling                  | ita1994          |
| cinquesima                                  | fifth<br>(fem, sing)    | flat                     | ita1996          |
|                                             |                         | rising                   | ita1997          |
|                                             |                         | falling                  | ita1998          |
| seiesima                                    | sixth<br>(fem, sing)    | flat                     | ita2000          |
|                                             |                         | rising                   | ita2001          |
|                                             |                         | falling                  | ita2002          |
| settesima                                   | seventh<br>(fem, sing)  | flat                     | ita2004          |
|                                             |                         | rising                   | ita2005          |
|                                             |                         | falling                  | ita2006          |
| ottesima                                    | eighth<br>(fem, sing)   | flat                     | ita2008          |
|                                             |                         | rising                   | ita2009          |
|                                             |                         | falling                  | ita2010          |
| novesima                                    | ninth<br>(fem, sing)    | flat                     | ita2012          |
|                                             |                         | rising                   | ita2013          |
|                                             |                         | falling                  | ita2014          |
| undicesima                                  | eleventh<br>(fem, sing) | flat                     | ita2020          |
|                                             |                         | rising                   | ita2021          |
|                                             |                         | falling                  | ita2022          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>             | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------------------|--------------------------|------------------|
| dodicesima                                  | twelfth<br>(fem, sing)     | flat                     | ita2024          |
|                                             |                            | rising                   | ita2025          |
|                                             |                            | falling                  | ita2026          |
| tredicesima                                 | thirteenth<br>(fem, sing)  | flat                     | ita2028          |
|                                             |                            | rising                   | ita2029          |
|                                             |                            | falling                  | ita2030          |
| quattordicesima                             | fourteenth<br>(fem, sing)  | flat                     | ita2032          |
|                                             |                            | rising                   | ita2033          |
|                                             |                            | falling                  | ita2034          |
| quindicesima                                | fifteenth<br>(fem, sing)   | flat                     | ita2036          |
|                                             |                            | rising                   | ita2037          |
|                                             |                            | falling                  | ita2038          |
| sedicesima                                  | sixteenth<br>(fem, sing)   | flat                     | ita2040          |
|                                             |                            | rising                   | ita2041          |
|                                             |                            | falling                  | ita2042          |
| diciassettesima                             | seventeenth<br>(fem, sing) | flat                     | ita2044          |
|                                             |                            | rising                   | ita2045          |
|                                             |                            | falling                  | ita2046          |
| diciottesima                                | eighteenth<br>(fem, sing)  | flat                     | ita2048          |
|                                             |                            | rising                   | ita2049          |
|                                             |                            | falling                  | ita2050          |
| diciannovesima                              | nineteenth<br>(fem, sing)  | flat                     | ita2052          |
|                                             |                            | rising                   | ita2053          |
|                                             |                            | falling                  | ita2054          |
| ventesima                                   | twentieth<br>(fem, sing)   | flat                     | ita2056          |
|                                             |                            | rising                   | ita2057          |
|                                             |                            | falling                  | ita2058          |

**Italian audio (Sheet 31 of 44)**

| <b>Italian phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------------|--------------------------|------------------|
| trentesima                                  | thirtieth<br>(fem, sing)  | flat                     | ita2060          |
|                                             |                           | rising                   | ita2061          |
|                                             |                           | falling                  | ita2062          |
| quarantesima                                | fortieth<br>(fem, sing)   | flat                     | ita2064          |
|                                             |                           | rising                   | ita2065          |
|                                             |                           | falling                  | ita2066          |
| cinquantesima                               | fiftieth<br>(fem, sing)   | flat                     | ita2068          |
|                                             |                           | rising                   | ita2069          |
|                                             |                           | falling                  | ita2070          |
| sessantesima                                | sixtieth<br>(fem, sing)   | flat                     | ita2072          |
|                                             |                           | rising                   | ita2073          |
|                                             |                           | falling                  | ita2074          |
| settantesima                                | seventieth<br>(fem, sing) | flat                     | ita2076          |
|                                             |                           | rising                   | ita2077          |
|                                             |                           | falling                  | ita2078          |
| ottantesima                                 | eightieth<br>(fem, sing)  | flat                     | ita2080          |
|                                             |                           | rising                   | ita2081          |
|                                             |                           | falling                  | ita2082          |
| novantessima                                | nintieth<br>(fem, sing)   | flat                     | ita2084          |
|                                             |                           | rising                   | ita2085          |
|                                             |                           | falling                  | ita2086          |
| centesima                                   | hundredth<br>(fem, sing)  | flat                     | ita2088          |
|                                             |                           | rising                   | ita2089          |
|                                             |                           | falling                  | ita2090          |
| millesima                                   | thousandth<br>(fem, sing) | flat                     | ita2092          |
|                                             |                           | rising                   | ita2093          |
|                                             |                           | falling                  | ita2094          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------------|--------------------------|------------------|
| millionesima                                | millionth<br>(fem, sing)  | flat                     | ita2096          |
|                                             |                           | rising                   | ita2097          |
|                                             |                           | falling                  | ita2098          |
| billionesima                                | billionth<br>(fem, sing)  | flat                     | ita2100          |
|                                             |                           | rising                   | ita2101          |
|                                             |                           | falling                  | ita2102          |
| unesime                                     | first<br>(plural, fem)    | flat                     | ita2104          |
|                                             |                           | rising                   | ita2105          |
|                                             |                           | falling                  | ita2106          |
| duesime                                     | secondth<br>(plural, fem) | flat                     | ita2108          |
|                                             |                           | rising                   | ita2109          |
|                                             |                           | falling                  | ita2110          |
| treesime                                    | third<br>(plural, fem)    | flat                     | ita2112          |
|                                             |                           | rising                   | ita2113          |
|                                             |                           | falling                  | ita2114          |
| quatresime                                  | fourth<br>(plural, fem)   | flat                     | ita2116          |
|                                             |                           | rising                   | ita2117          |
|                                             |                           | falling                  | ita2118          |
| cinquesime                                  | fifth<br>(plural, fem)    | flat                     | ita2120          |
|                                             |                           | rising                   | ita2121          |
|                                             |                           | falling                  | ita2122          |
| seiesime                                    | sixth<br>(plural, fem)    | flat                     | ita2124          |
|                                             |                           | rising                   | ita2125          |
|                                             |                           | falling                  | ita2126          |
| settesime                                   | seventh<br>(plural, fem)  | flat                     | ita2128          |
|                                             |                           | rising                   | ita2129          |
|                                             |                           | falling                  | ita2130          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>               | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------------------|--------------------------|------------------|
| ottesime                                    | eighth<br>(plural, fem)      | flat                     | ita2132          |
|                                             |                              | rising                   | ita2133          |
|                                             |                              | falling                  | ita2134          |
| novesime                                    | ninth<br>(plural, fem)       | flat                     | ita2136          |
|                                             |                              | rising                   | ita2137          |
|                                             |                              | falling                  | ita2138          |
| undicesime                                  | eleventh<br>(plural, fem)    | flat                     | ita2144          |
|                                             |                              | rising                   | ita2145          |
|                                             |                              | falling                  | ita2146          |
| dodicesime                                  | twelfth<br>(plural, fem)     | flat                     | ita2148          |
|                                             |                              | rising                   | ita2149          |
|                                             |                              | falling                  | ita2150          |
| tredicesime                                 | thirteenth<br>(plural, fem)  | flat                     | ita2152          |
|                                             |                              | rising                   | ita2153          |
|                                             |                              | falling                  | ita2154          |
| quattordicesime                             | fourteenth<br>(plural, fem)  | flat                     | ita2156          |
|                                             |                              | rising                   | ita2157          |
|                                             |                              | falling                  | ita2158          |
| quindicesime                                | fifteenth<br>(plural, fem)   | flat                     | ita2160          |
|                                             |                              | rising                   | ita2161          |
|                                             |                              | falling                  | ita2162          |
| sedicesime                                  | sixteenth<br>(plural, fem)   | flat                     | ita2164          |
|                                             |                              | rising                   | ita2165          |
|                                             |                              | falling                  | ita2166          |
| diciassettesime                             | seventeenth<br>(plural, fem) | flat                     | ita2168          |
|                                             |                              | rising                   | ita2169          |
|                                             |                              | falling                  | ita2170          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>              | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------------------|--------------------------|------------------|
| diciottesime                                | eighteenth<br>(plural, fem) | flat                     | ita2172          |
|                                             |                             | rising                   | ita2173          |
|                                             |                             | falling                  | ita2174          |
| diciannovesime                              | nineteenth<br>(plural, fem) | flat                     | ita2176          |
|                                             |                             | rising                   | ita2177          |
|                                             |                             | falling                  | ita2178          |
| ventesime                                   | twentieth<br>(plural, fem)  | flat                     | ita2180          |
|                                             |                             | rising                   | ita2181          |
|                                             |                             | falling                  | ita2182          |
| trentesime                                  | thirtieth<br>(plural, fem)  | flat                     | ita2184          |
|                                             |                             | rising                   | ita2185          |
|                                             |                             | falling                  | ita2186          |
| quarantesime                                | fortieth<br>(plural, fem)   | flat                     | ita2188          |
|                                             |                             | rising                   | ita2189          |
|                                             |                             | falling                  | ita2190          |
| cinquantesime                               | fiftieth<br>(plural, fem)   | flat                     | ita2192          |
|                                             |                             | rising                   | ita2193          |
|                                             |                             | falling                  | ita2194          |
| sessantesime                                | sixtieth<br>(plural, fem)   | flat                     | ita2196          |
|                                             |                             | rising                   | ita2197          |
|                                             |                             | falling                  | ita2198          |
| settantesime                                | seventieth<br>(plural, fem) | flat                     | ita2200          |
|                                             |                             | rising                   | ita2201          |
|                                             |                             | falling                  | ita2202          |
| ottantesime                                 | eightieth<br>(plural, fem)  | flat                     | ita2204          |
|                                             |                             | rising                   | ita2205          |
|                                             |                             | falling                  | ita2206          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>              | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------------------|--------------------------|------------------|
| novantesime                                 | ninetieth<br>(plural, fem)  | flat                     | ita2208          |
|                                             |                             | rising                   | ita2209          |
|                                             |                             | falling                  | ita2210          |
| centesime                                   | hundredth<br>(plural, fem)  | flat                     | ita2212          |
|                                             |                             | rising                   | ita2213          |
|                                             |                             | falling                  | ita2214          |
| millesime                                   | thousandth<br>(plural, fem) | flat                     | ita2216          |
|                                             |                             | rising                   | ita2217          |
|                                             |                             | falling                  | ita2218          |
| millionesime                                | millionth<br>(plural, fem)  | flat                     | ita2220          |
|                                             |                             | rising                   | ita2221          |
|                                             |                             | falling                  | ita2222          |
| billionesime                                | billionth<br>(plural, fem)  | flat                     | ita2224          |
|                                             |                             | rising                   | ita2225          |
|                                             |                             | falling                  | ita2226          |
| quadrato                                    | pound sign<br>(#)           | flat                     | ita896           |
|                                             |                             | rising                   | ita897           |
|                                             |                             | falling                  | ita898           |
| stella                                      | asterisk<br>(*)             | flat                     | ita900           |
|                                             |                             | rising                   | ita901           |
|                                             |                             | falling                  | ita902           |
| dollar                                      | dollar<br>(US)              | flat                     | ita1200          |
|                                             |                             | rising                   | ita1201          |
|                                             |                             | falling                  | ita1202          |
| dollars                                     | dollars<br>(US)             | flat                     | ita1204          |
|                                             |                             | rising                   | ita1205          |
|                                             |                             | falling                  | ita1206          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| cent                                        | cent           | flat                     | ita1208          |
|                                             | (US)           | rising                   | ita1209          |
|                                             |                | falling                  | ita1210          |
| cents                                       | cents          | flat                     | ita1212          |
|                                             | (US)           | rising                   | ita1213          |
|                                             |                | falling                  | ita1214          |
| mark                                        | mark           | flat                     | ita1216          |
|                                             | (Germany)      | rising                   | ita1217          |
|                                             |                | falling                  | ita1218          |
| marks                                       | marks          | flat                     | ita1220          |
|                                             | (Germany)      | rising                   | ita1221          |
|                                             |                | falling                  | ita1222          |
| pfennig                                     | pfennig        | flat                     | ita1224          |
|                                             | (Germany)      | rising                   | ita1225          |
|                                             |                | falling                  | ita1226          |
| pfennigs                                    | pfennigs       | flat                     | ita1228          |
|                                             | (Germany)      | rising                   | ita1229          |
|                                             |                | falling                  | ita1230          |
| yen                                         | yen            | flat                     | ita1232          |
|                                             | (Japan)        | rising                   | ita1233          |
|                                             |                | falling                  | ita1234          |
| yens                                        | yens           | flat                     | ita1236          |
|                                             | (Japan)        | rising                   | ita1237          |
|                                             |                | falling                  | ita1238          |
| lira                                        | lira           | flat                     | ita1240          |
|                                             | (Italy)        | rising                   | ita1241          |
|                                             |                | falling                  | ita1242          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------------|--------------------------|------------------|
| liras                                       | liras<br>(Italy)          | flat                     | ita1244          |
|                                             |                           | rising                   | ita1245          |
|                                             |                           | falling                  | ita1246          |
| guilder                                     | guilder<br>(Netherlands)  | flat                     | ita1248          |
|                                             |                           | rising                   | ita1249          |
|                                             |                           | falling                  | ita1250          |
| guilders                                    | guilders<br>(Netherlands) | flat                     | ita1252          |
|                                             |                           | rising                   | ita1253          |
|                                             |                           | falling                  | ita1254          |
| cent                                        | cent<br>(Netherlands)     | flat                     | ita1256          |
|                                             |                           | rising                   | ita1257          |
|                                             |                           | falling                  | ita1258          |
| cents                                       | cents<br>(Netherlands)    | flat                     | ita1260          |
|                                             |                           | rising                   | ita1261          |
|                                             |                           | falling                  | ita1262          |
| pound                                       | pound<br>(UK)             | flat                     | ita1264          |
|                                             |                           | rising                   | ita1265          |
|                                             |                           | falling                  | ita1266          |
| pounds                                      | pounds<br>(UK)            | flat                     | ita1268          |
|                                             |                           | rising                   | ita1269          |
|                                             |                           | falling                  | ita1270          |
| penny                                       | penny<br>(UK)             | flat                     | ita1272          |
|                                             |                           | rising                   | ita1273          |
|                                             |                           | falling                  | ita1274          |
| pence                                       | pence<br>(UK)             | flat                     | ita1276          |
|                                             |                           | rising                   | ita1277          |
|                                             |                           | falling                  | ita1278          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| euro                                        | euro           | flat                     | ita1280          |
|                                             | (Euro)         | rising                   | ita1281          |
|                                             |                | falling                  | ita1282          |
| euros                                       | euros          | flat                     | ita1284          |
|                                             | (Euro)         | rising                   | ita1285          |
|                                             |                | falling                  | ita1286          |
| eurocent                                    | eurocent       | flat                     | ita1288          |
|                                             | (Euro)         | rising                   | ita1289          |
|                                             |                | falling                  | ita1290          |
| eurocents                                   | eurocents      | flat                     | ita1292          |
|                                             | (Euro)         | rising                   | ita1293          |
|                                             |                | falling                  | ita1294          |
| franc                                       | franc          | flat                     | ita1296          |
|                                             | (France)       | rising                   | ita1297          |
|                                             |                | falling                  | ita1298          |
| francs                                      | francs         | flat                     | ita1300          |
|                                             | (France)       | rising                   | ita1301          |
|                                             |                | falling                  | ita1302          |
| centime                                     | centime        | flat                     | ita1304          |
|                                             | (France)       | rising                   | ita1305          |
|                                             |                | falling                  | ita1306          |
| centimes                                    | centimes       | flat                     | ita1308          |
|                                             | (France)       | rising                   | ita1309          |
|                                             |                | falling                  | ita1310          |
| peseta                                      | peseta         | flat                     | ita1312          |
|                                             | (Spain)        | rising                   | ita1313          |
|                                             |                | falling                  | ita1314          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------------|--------------------------|------------------|
| pesetas                                     | pesetas<br>(Spain)        | flat                     | ita1316          |
|                                             |                           | rising                   | ita1317          |
|                                             |                           | falling                  | ita1318          |
| peso                                        | peso<br>(Philippines)     | flat                     | ita1328          |
|                                             |                           | rising                   | ita1329          |
|                                             |                           | falling                  | ita1330          |
| pesos                                       | pesos<br>(Philippines)    | flat                     | ita1332          |
|                                             |                           | rising                   | ita1333          |
|                                             |                           | falling                  | ita1334          |
| centavo                                     | centavo<br>(Philippines)  | flat                     | ita1336          |
|                                             |                           | rising                   | ita1337          |
|                                             |                           | falling                  | ita1338          |
| centavos                                    | centavos<br>(Philippines) | flat                     | ita1340          |
|                                             |                           | rising                   | ita1341          |
|                                             |                           | falling                  | ita1342          |
| ringgit                                     | ringgit<br>(Malaysia)     | flat                     | ita1344          |
|                                             |                           | rising                   | ita1345          |
|                                             |                           | falling                  | ita1346          |
| ringgits                                    | ringgits<br>(Malaysia)    | flat                     | ita1348          |
|                                             |                           | rising                   | ita1349          |
|                                             |                           | falling                  | ita1350          |
| sen                                         | sen<br>(Malaysia)         | flat                     | ita1352          |
|                                             |                           | rising                   | ita1353          |
|                                             |                           | falling                  | ita1354          |
| sens                                        | sens<br>(Malaysia)        | flat                     | ita1356          |
|                                             |                           | rising                   | ita1357          |
|                                             |                           | falling                  | ita1358          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------------|--------------------------|------------------|
| baht                                        | baht<br>(Thailand)    | flat                     | ita1360          |
|                                             |                       | rising                   | ita1361          |
|                                             |                       | falling                  | ita1362          |
| bahts                                       | bahts<br>(Thailand)   | flat                     | ita1364          |
|                                             |                       | rising                   | ita1365          |
|                                             |                       | falling                  | ita1366          |
| satang                                      | satang<br>(Thailand)  | flat                     | ita1368          |
|                                             |                       | rising                   | ita1369          |
|                                             |                       | falling                  | ita1370          |
| satangs                                     | satangs<br>(Thailand) | flat                     | ita1372          |
|                                             |                       | rising                   | ita1373          |
|                                             |                       | falling                  | ita1374          |
| won                                         | won<br>(Korea)        | flat                     | ita1376          |
|                                             |                       | rising                   | ita1377          |
|                                             |                       | falling                  | ita1378          |
| wons                                        | wons<br>(Korea)       | flat                     | ita1380          |
|                                             |                       | rising                   | ita1381          |
|                                             |                       | falling                  | ita1382          |
| franc                                       | franc<br>(Belgium)    | flat                     | ita1384          |
|                                             |                       | rising                   | ita1385          |
|                                             |                       | falling                  | ita1386          |
| francs                                      | francs<br>(Belgium)   | flat                     | ita 1388         |
|                                             |                       | rising                   | ita1389          |
|                                             |                       | falling                  | ita1390          |
| centime                                     | centime<br>(Belgium)  | flat                     | ita1392          |
|                                             |                       | rising                   | ita1393          |
|                                             |                       | falling                  | ita1394          |

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| <b>Italian phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------------|--------------------------|------------------|
| centimes                                    | centimes<br>(Belgium)  | flat                     | ita1396          |
|                                             |                        | rising                   | ita1397          |
|                                             |                        | falling                  | ita1398          |
| dollar                                      | dollar<br>(Canada)     | flat                     | ita1400          |
|                                             |                        | rising                   | ita1401          |
|                                             |                        | falling                  | ita1402          |
| dollars                                     | dollars<br>(Canada)    | flat                     | ita1404          |
|                                             |                        | rising                   | ita1405          |
|                                             |                        | falling                  | ita1406          |
| cent                                        | cent<br>(Canada)       | flat                     | ita1408          |
|                                             |                        | rising                   | ita1409          |
|                                             |                        | falling                  | ita1410          |
| cents                                       | cents<br>(Canada)      | flat                     | ita1412          |
|                                             |                        | rising                   | ita1413          |
|                                             |                        | falling                  | ita1414          |
| dollar                                      | dollar<br>(Hong Kong)  | flat                     | ita1416          |
|                                             |                        | rising                   | ita1417          |
|                                             |                        | falling                  | ita1418          |
| dollars                                     | dollars<br>(Hong Kong) | flat                     | ita1420          |
|                                             |                        | rising                   | ita1421          |
|                                             |                        | falling                  | ita1422          |
| cent                                        | cent<br>(Hong Kong)    | flat                     | ita1424          |
|                                             |                        | rising                   | ita1425          |
|                                             |                        | falling                  | ita1426          |
| cents                                       | cents<br>(Hong Kong)   | flat                     | ita1428          |
|                                             |                        | rising                   | ita1429          |
|                                             |                        | falling                  | ita1430          |

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| Italian phrase or English equivalent | English                | Phrase intonation | File name |
|--------------------------------------|------------------------|-------------------|-----------|
| gok                                  | gok<br>(Hong Kong)     | flat              | ita1488   |
|                                      |                        | rising            | ita1489   |
|                                      |                        | falling           | ita1490   |
| goks                                 | goks<br>(Hong Kong)    | flat              | ita1492   |
|                                      |                        | rising            | ita1493   |
|                                      |                        | falling           | ita1494   |
| escudo                               | escudo<br>(Portugal)   | flat              | ita1432   |
|                                      |                        | rising            | ita1433   |
|                                      |                        | falling           | ita1434   |
| escudos                              | escudos<br>(Portugal)  | flat              | ita1436   |
|                                      |                        | rising            | ita1437   |
|                                      |                        | falling           | ita1438   |
| centavo                              | centavo<br>(Portugal)  | flat              | ita1440   |
|                                      |                        | rising            | ita1441   |
|                                      |                        | falling           | ita1442   |
| centavos                             | centavos<br>(Portugal) | flat              | ita1444   |
|                                      |                        | rising            | ita1445   |
|                                      |                        | falling           | ita1446   |
| yuan                                 | yuan<br>(China)        | flat              | ita1448   |
|                                      |                        | rising            | ita1449   |
|                                      |                        | falling           | ita1450   |
| yuans                                | yuans<br>(China)       | flat              | ita1452   |
|                                      |                        | rising            | ita1453   |
|                                      |                        | falling           | ita1454   |
| jiao                                 | jiao<br>(China)        | flat              | ita1456   |
|                                      |                        | rising            | ita1457   |
|                                      |                        | falling           | ita1458   |

**Italian audio (Sheet 43 of 44)**

| <b>Italian phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------|--------------------------|------------------|
| jiaos                                       | jiaos<br>(China)    | flat                     | ita1460          |
|                                             |                     | rising                   | ita1461          |
|                                             |                     | falling                  | ita1462          |
| fen                                         | fen<br>(China)      | flat                     | ita1464          |
|                                             |                     | rising                   | ita1465          |
|                                             |                     | falling                  | ita1466          |
| fens                                        | fens<br>(China)     | flat                     | ita1468          |
|                                             |                     | rising                   | ita1469          |
|                                             |                     | falling                  | ita1470          |
| pound                                       | pound<br>(Ireland)  | flat                     | ita1472          |
|                                             |                     | rising                   | ita1473          |
|                                             |                     | falling                  | ita1474          |
| pounds                                      | pounds<br>(Ireland) | flat                     | ita1476          |
|                                             |                     | rising                   | ita1477          |
|                                             |                     | falling                  | ita1478          |
| penny                                       | penny<br>(Ireland)  | flat                     | ita1480          |
|                                             |                     | rising                   | ita1481          |
|                                             |                     | falling                  | ita1482          |
| pence                                       | pence<br>(Ireland)  | flat                     | ita1484          |
|                                             |                     | rising                   | ita1485          |
|                                             |                     | falling                  | ita1486          |
| un'ora                                      | one O'clock         | flat                     | ita1592          |
|                                             |                     | rising                   | ita1593          |
|                                             |                     | falling                  | ita1594          |
| della (di) sera                             | "in the evening"    | flat                     | ita1596          |
|                                             |                     | rising                   | ita1597          |
|                                             |                     | falling                  | ita1598          |

**Italian audio (Sheet 44 of 44)**

| <b>Italian phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|--------------------|--------------------------|------------------|
| del pomeriggio                              | "in the afternoon" | flat                     | ita1600          |
|                                             |                    | rising                   | ita1601          |
|                                             |                    | falling                  | ita1602          |
| del mattino                                 | "in the morning"   | flat                     | ita1604          |
|                                             |                    | rising                   | ita1605          |
|                                             |                    | falling                  | ita1606          |
| della notte                                 | "in the night"     | flat                     | ita1608          |
|                                             |                    | rising                   | ita1609          |
|                                             |                    | falling                  | ita1610          |

## Japanese audio files

**Note 1:** Audio file names jpn508–jpn610, and jpn620–jpn622 are optional. Only record this audio if you provision the strings functionality on the system.

**Note 2:** Record audio file names jpn1200–jpn1486 only if you provision currency on the system.

### Japanese audio (Sheet 1 of 16)

| Japanese phrase or English equivalent | English | Phrase intonation | File name |
|---------------------------------------|---------|-------------------|-----------|
| zero                                  | zero    | flat              | jpn0      |
|                                       |         | rising            | jpn1      |
|                                       |         | falling           | jpn2      |
| ichi                                  | one     | flat              | jpn8      |
|                                       |         | rising            | jpn9      |
|                                       |         | falling           | jpn10     |
| ni                                    | two     | flat              | jpn12     |
|                                       |         | rising            | jpn13     |
|                                       |         | falling           | jpn14     |
| san                                   | three   | flat              | jpn16     |
|                                       |         | rising            | jpn17     |
|                                       |         | falling           | jpn18     |
| yon                                   | four    | flat              | jpn20     |
|                                       |         | rising            | jpn21     |
|                                       |         | falling           | jpn22     |
| go                                    | five    | flat              | jpn24     |
|                                       |         | rising            | jpn25     |
|                                       |         | falling           | jpn26     |

**Japanese audio (Sheet 2 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| roku                                         | six            | flat                     | jpn28            |
|                                              |                | rising                   | jpn29            |
|                                              |                | falling                  | jpn30            |
| nana                                         | seven          | flat                     | jpn32            |
|                                              |                | rising                   | jpn33            |
|                                              |                | falling                  | jpn34            |
| hachi                                        | eight          | flat                     | jpn36            |
|                                              |                | rising                   | jpn37            |
|                                              |                | falling                  | jpn38            |
| kyuu                                         | nine           | flat                     | jpn40            |
|                                              |                | rising                   | jpn41            |
|                                              |                | falling                  | jpn42            |
| jyuu                                         | ten            | flat                     | jpn56            |
|                                              |                | rising                   | jpn57            |
|                                              |                | falling                  | jpn58            |
| hyaku                                        | one-hundred    | flat                     | jpn132           |
|                                              |                | rising                   | jpn133           |
|                                              |                | falling                  | jpn134           |
| ni hyaku                                     | two-hundred    | flat                     | jpn136           |
|                                              |                | rising                   | jpn137           |
|                                              |                | falling                  | jpn138           |
| san byaku                                    | three-hundred  | flat                     | jpn140           |
|                                              |                | rising                   | jpn141           |
|                                              |                | falling                  | jpn142           |
| yon hyaku                                    | four-hundred   | flat                     | jpn144           |
|                                              |                | rising                   | jpn145           |
|                                              |                | falling                  | jpn146           |

**Japanese audio (Sheet 3 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| go hyaku                                     | five-hundred   | flat                     | jpn148           |
|                                              |                | rising                   | jpn149           |
|                                              |                | falling                  | jpn150           |
| roku pyaku                                   | six-hundred    | flat                     | jpn152           |
|                                              |                | rising                   | jpn153           |
|                                              |                | falling                  | jpn154           |
| nana hyaku                                   | seven-hundred  | flat                     | jpn156           |
|                                              |                | rising                   | jpn157           |
|                                              |                | falling                  | jpn158           |
| hachi pyaku                                  | eight-hundred  | flat                     | jpn160           |
|                                              |                | rising                   | jpn161           |
|                                              |                | falling                  | jpn162           |
| kyuu hyaku                                   | nine-hundred   | flat                     | jpn164           |
|                                              |                | rising                   | jpn165           |
|                                              |                | falling                  | jpn166           |
| sen                                          | thousand       | flat                     | jpn496           |
|                                              |                | rising                   | jpn497           |
|                                              |                | falling                  | jpn498           |
| ni sen                                       | two-thousand   | flat                     | jpn176           |
|                                              |                | rising                   | jpn177           |
|                                              |                | falling                  | jpn178           |
| sanzen                                       | three-thousand | flat                     | jpn180           |
|                                              |                | rising                   | jpn181           |
|                                              |                | falling                  | jpn182           |
| yon sen                                      | four-thousand  | flat                     | jpn184           |
|                                              |                | rising                   | jpn185           |
|                                              |                | falling                  | jpn186           |

**Japanese audio (Sheet 4 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| go sen                                       | five-thousand  | flat                     | jpn188           |
|                                              |                | rising                   | jpn189           |
|                                              |                | falling                  | jpn190           |
| roku sen                                     | six-thousand   | flat                     | jpn192           |
|                                              |                | rising                   | jpn193           |
|                                              |                | falling                  | jpn194           |
| nana sen                                     | seven-thousand | flat                     | jpn196           |
|                                              |                | rising                   | jpn197           |
|                                              |                | falling                  | jpn198           |
| hassen                                       | eight-thousand | flat                     | jpn200           |
|                                              |                | rising                   | jpn201           |
|                                              |                | falling                  | jpn202           |
| kyuu sen                                     | nine-thousand  | flat                     | jpn204           |
|                                              |                | rising                   | jpn205           |
|                                              |                | falling                  | jpn206           |
| optional                                     | a              | flat                     | jpn508           |
|                                              |                | rising                   | jpn509           |
|                                              |                | falling                  | jpn510           |
| optional                                     | b              | flat                     | jpn512           |
|                                              |                | rising                   | jpn513           |
|                                              |                | falling                  | jpn514           |
| optional                                     | c              | flat                     | jpn516           |
|                                              |                | rising                   | jpn517           |
|                                              |                | falling                  | jpn518           |
| optional                                     | d              | flat                     | jpn520           |
|                                              |                | rising                   | jpn521           |
|                                              |                | falling                  | jpn522           |

**Japanese audio (Sheet 5 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| optional                                     | e              | flat                     | jpn524           |
|                                              |                | rising                   | jpn525           |
|                                              |                | falling                  | jpn526           |
| optional                                     | f              | flat                     | jpn528           |
|                                              |                | rising                   | jpn529           |
|                                              |                | falling                  | jpn530           |
| optional                                     | g              | flat                     | jpn532           |
|                                              |                | rising                   | jpn533           |
|                                              |                | falling                  | jpn534           |
| optional                                     | h              | flat                     | jpn536           |
|                                              |                | rising                   | jpn537           |
|                                              |                | falling                  | jpn538           |
| optional                                     | i              | flat                     | jpn540           |
|                                              |                | rising                   | jpn541           |
|                                              |                | falling                  | jpn542           |
| optional                                     | j              | flat                     | jpn544           |
|                                              |                | rising                   | jpn545           |
|                                              |                | falling                  | jpn546           |
| optional                                     | k              | flat                     | jpn548           |
|                                              |                | rising                   | jpn549           |
|                                              |                | falling                  | jpn550           |
| optional                                     | l              | flat                     | jpn552           |
|                                              |                | rising                   | jpn553           |
|                                              |                | falling                  | jpn554           |
| optional                                     | m              | flat                     | jpn556           |
|                                              |                | rising                   | jpn557           |
|                                              |                | falling                  | jpn558           |

**Japanese audio (Sheet 6 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| optional                                     | n              | flat                     | jpn560           |
|                                              |                | rising                   | jpn561           |
|                                              |                | falling                  | jpn562           |
| optional                                     | o              | flat                     | jpn564           |
|                                              |                | rising                   | jpn565           |
|                                              |                | falling                  | jpn566           |
| optional                                     | p              | flat                     | jpn568           |
|                                              |                | rising                   | jpn569           |
|                                              |                | falling                  | jpn570           |
| optional                                     | q              | flat                     | jpn572           |
|                                              |                | rising                   | jpn573           |
|                                              |                | falling                  | jpn574           |
| optional                                     | r              | flat                     | jpn576           |
|                                              |                | rising                   | jpn577           |
|                                              |                | falling                  | jpn578           |
| optional                                     | s              | flat                     | jpn580           |
|                                              |                | rising                   | jpn581           |
|                                              |                | falling                  | jpn582           |
| optional                                     | t              | flat                     | jpn584           |
|                                              |                | rising                   | jpn585           |
|                                              |                | falling                  | jpn586           |
| optional                                     | u              | flat                     | jpn588           |
|                                              |                | rising                   | jpn589           |
|                                              |                | falling                  | jpn590           |
| optional                                     | v              | flat                     | jpn592           |
|                                              |                | rising                   | jpn593           |
|                                              |                | falling                  | jpn594           |

**Japanese audio (Sheet 7 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| optional                                     | w              | flat                     | jpn596           |
|                                              |                | rising                   | jpn597           |
|                                              |                | falling                  | jpn598           |
| optional                                     | x              | flat                     | jpn600           |
|                                              |                | rising                   | jpn601           |
|                                              |                | falling                  | jpn602           |
| optional                                     | y              | flat                     | jpn604           |
|                                              |                | rising                   | jpn605           |
|                                              |                | falling                  | jpn606           |
| optional                                     | z              | flat                     | jpn608           |
|                                              |                | rising                   | jpn609           |
|                                              |                | falling                  | jpn610           |
| mainasu                                      | negative       | flat                     | jpn616           |
|                                              |                | rising                   | jpn617           |
|                                              |                | falling                  | jpn618           |
| to                                           | and            | flat                     | jpn620           |
|                                              |                | rising                   | jpn621           |
|                                              |                | falling                  | jpn622           |
| ji                                           | hour           | flat                     | jpn624           |
|                                              |                | rising                   | jpn625           |
|                                              |                | falling                  | jpn626           |
| byou                                         | second         | flat                     | jpn640           |
|                                              |                | rising                   | jpn641           |
|                                              |                | falling                  | jpn642           |
| nichi youbi                                  | Sunday         | flat                     | jpn696           |
|                                              |                | rising                   | jpn697           |
|                                              |                | falling                  | jpn698           |

**Japanese audio (Sheet 8 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|-------------------|--------------------------|------------------|
| getsu youbi                                  | Monday            | flat                     | jpn700           |
|                                              |                   | rising                   | jpn701           |
|                                              |                   | falling                  | jpn702           |
| ka youbi                                     | Tuesday           | flat                     | jpn704           |
|                                              |                   | rising                   | jpn705           |
|                                              |                   | falling                  | jpn706           |
| sui youbi                                    | Wednesday         | flat                     | jpn708           |
|                                              |                   | rising                   | jpn709           |
|                                              |                   | falling                  | jpn710           |
| moku youbi                                   | Thursday          | flat                     | jpn712           |
|                                              |                   | rising                   | jpn713           |
|                                              |                   | falling                  | jpn714           |
| kin youbi                                    | Friday            | flat                     | jpn716           |
|                                              |                   | rising                   | jpn717           |
|                                              |                   | falling                  | jpn718           |
| do youbi                                     | Saturday          | flat                     | jpn720           |
|                                              |                   | rising                   | jpn721           |
|                                              |                   | falling                  | jpn722           |
| shaapu                                       | pound sign<br>(#) | flat                     | jpn896           |
|                                              |                   | rising                   | jpn897           |
|                                              |                   | falling                  | jpn898           |
| sutaa                                        | asterisk<br>(*)   | flat                     | jpn900           |
|                                              |                   | rising                   | jpn901           |
|                                              |                   | falling                  | jpn902           |
| gozen                                        | a.m.              | flat                     | jpn908           |
|                                              |                   | rising                   | jpn909           |
|                                              |                   | falling                  | jpn910           |

**Japanese audio (Sheet 9 of 16)**

| Japanese phrase or English equivalent | English                                                 | Phrase intonation | File name |
|---------------------------------------|---------------------------------------------------------|-------------------|-----------|
| gogo                                  | p.m.                                                    | flat              | jpn912    |
|                                       |                                                         | rising            | jpn913    |
|                                       |                                                         | falling           | jpn914    |
| rei                                   | zero (used with o'clock, minutes, seconds)              | flat              | jpn920    |
|                                       |                                                         | rising            | jpn921    |
|                                       |                                                         | falling           | jpn922    |
| ippun                                 | one<br>(one minute)                                     | flat              | jpn924    |
|                                       |                                                         | rising            | jpn925    |
|                                       |                                                         | falling           | jpn926    |
| fun                                   | minutes (used with number ending with 2, 5, 7, 9)       | flat              | jpn928    |
|                                       |                                                         | rising            | jpn929    |
|                                       |                                                         | falling           | jpn930    |
| pun                                   | minutes (used with number ending with 1, 3, 4, 6, 8, 0) | flat              | jpn932    |
|                                       |                                                         | rising            | jpn933    |
|                                       |                                                         | falling           | jpn934    |
| rop                                   | six minutes                                             | flat              | jpn936    |
|                                       |                                                         | rising            | jpn937    |
|                                       |                                                         | falling           | jpn938    |
| hap                                   | eight minutes                                           | flat              | jpn940    |
|                                       |                                                         | rising            | jpn941    |
|                                       |                                                         | falling           | jpn942    |
| jyu                                   | ten minutes                                             | flat              | jpn944    |
|                                       |                                                         | rising            | jpn945    |
|                                       |                                                         | falling           | jpn946    |
| shichi                                | seven (used with 17th, 27th day of month)               | flat              | jpn952    |
|                                       |                                                         | rising            | jpn953    |
|                                       |                                                         | falling           | jpn954    |

**Japanese audio (Sheet 10 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b>                                    | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|---------------------------------------------------|--------------------------|------------------|
| kyuu                                         | nine (used with o'clock, 19th, 29th day of month) | flat                     | jpn956           |
|                                              |                                                   | rising                   | jpn957           |
|                                              |                                                   | falling                  | jpn958           |
| man                                          | ten thousand                                      | flat                     | jpn960           |
|                                              |                                                   | rising                   | jpn961           |
|                                              |                                                   | falling                  | jpn962           |
| oku                                          | 100 million                                       | flat                     | jpn964           |
|                                              |                                                   | rising                   | jpn965           |
|                                              |                                                   | falling                  | jpn966           |
| is                                           | one (used with 100 million)                       | flat                     | jpn968           |
|                                              |                                                   | rising                   | jpn969           |
|                                              |                                                   | falling                  | jpn970           |
| tsuitach                                     | first (day of month)                              | flat                     | jpn980           |
|                                              |                                                   | rising                   | jpn981           |
|                                              |                                                   | falling                  | jpn982           |
| futsuka                                      | second (day of month)                             | flat                     | jpn984           |
|                                              |                                                   | rising                   | jpn985           |
|                                              |                                                   | falling                  | jpn986           |
| mikka                                        | third (day of month)                              | flat                     | jpn988           |
|                                              |                                                   | rising                   | jpn989           |
|                                              |                                                   | falling                  | jpn990           |
| yokka                                        | fourth (day of month)                             | flat                     | jpn992           |
|                                              |                                                   | rising                   | jpn993           |
|                                              |                                                   | falling                  | jpn994           |
| itsuka                                       | fifth                                             | flat                     | jpn996           |
|                                              |                                                   | rising                   | jpn997           |
|                                              |                                                   | falling                  | jpn998           |

**Japanese audio (Sheet 11 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b>                 | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|--------------------------------|--------------------------|------------------|
| muika                                        | sixth                          | flat                     | jpn1000          |
|                                              |                                | rising                   | jpn1001          |
|                                              |                                | falling                  | jpn1002          |
| nanoka                                       | seventh                        | flat                     | jpn1004          |
|                                              |                                | rising                   | jpn1005          |
|                                              |                                | falling                  | jpn1006          |
| youka                                        | eighth                         | flat                     | jpn1008          |
|                                              |                                | rising                   | jpn1009          |
|                                              |                                | falling                  | jpn1010          |
| kokonoka                                     | ninth                          | flat                     | jpn1012          |
|                                              |                                | rising                   | jpn1013          |
|                                              |                                | falling                  | jpn1014          |
| touka                                        | tenth                          | flat                     | jpn1016          |
|                                              |                                | rising                   | jpn1017          |
|                                              |                                | falling                  | jpn1018          |
| hatsuka                                      | twentieth                      | flat                     | jpn1020          |
|                                              |                                | rising                   | jpn1021          |
|                                              |                                | falling                  | jpn1022          |
| nichi                                        | th (to make days of the month) | flat                     | jpn1024          |
|                                              |                                | rising                   | jpn1025          |
|                                              |                                | falling                  | jpn1026          |
| gatsu                                        | month                          | flat                     | jpn1028          |
|                                              |                                | rising                   | jpn1029          |
|                                              |                                | falling                  | jpn1030          |
| nen                                          | year (used for year)           | flat                     | jpn1032          |
|                                              |                                | rising                   | jpn1033          |
|                                              |                                | falling                  | jpn1034          |

**Japanese audio (Sheet 12 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b>              | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|-----------------------------|--------------------------|------------------|
| banme                                        | th (rank)                   | flat                     | jpn1036          |
|                                              |                             | rising                   | jpn1037          |
|                                              |                             | falling                  | jpn1038          |
| jikan                                        | hour(s) (used for duration) | flat                     | jpn1040          |
|                                              |                             | rising                   | jpn1041          |
|                                              |                             | falling                  | jpn1042          |
| Dollar                                       | dollar<br>(US)              | flat                     | jpn1200          |
|                                              |                             | rising                   | jpn1201          |
|                                              |                             | falling                  | jpn1202          |
| Cent                                         | cent<br>(US)                | flat                     | jpn1208          |
|                                              |                             | rising                   | jpn1209          |
|                                              |                             | falling                  | jpn1210          |
| mark                                         | mark<br>(Germany)           | flat                     | jpn1216          |
|                                              |                             | rising                   | jpn1217          |
|                                              |                             | falling                  | jpn1218          |
| pfennig                                      | pfennig<br>(Germany)        | flat                     | jpn1224          |
|                                              |                             | rising                   | jpn1225          |
|                                              |                             | falling                  | jpn1226          |
| yen                                          | yen<br>(Japan)              | flat                     | jpn1232          |
|                                              |                             | rising                   | jpn1233          |
|                                              |                             | falling                  | jpn1234          |
| lira                                         | lira<br>(Italy)             | flat                     | jpn1240          |
|                                              |                             | rising                   | jpn1241          |
|                                              |                             | falling                  | jpn1242          |
| guilder                                      | guilder<br>(Netherlands)    | flat                     | jpn1248          |
|                                              |                             | rising                   | jpn1249          |
|                                              |                             | falling                  | jpn1250          |

**Japanese audio (Sheet 13 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|-----------------------|--------------------------|------------------|
| cent                                         | cent<br>(Netherlands) | flat                     | jpn1256          |
|                                              |                       | rising                   | jpn1257          |
|                                              |                       | falling                  | jpn1258          |
| pound                                        | pound<br>(UK)         | flat                     | jpn1264          |
|                                              |                       | rising                   | jpn1265          |
|                                              |                       | falling                  | jpn1266          |
| pence                                        | pence<br>(UK)         | flat                     | jpn1276          |
|                                              |                       | rising                   | jpn1277          |
|                                              |                       | falling                  | jpn1278          |
| euro                                         | euro<br>(Euro)        | flat                     | jpn1280          |
|                                              |                       | rising                   | jpn1281          |
|                                              |                       | falling                  | jpn1282          |
| eurocent                                     | eurocent<br>(Euro)    | flat                     | jpn1288          |
|                                              |                       | rising                   | jpn1289          |
|                                              |                       | falling                  | jpn1290          |
| franc                                        | franc<br>(France)     | flat                     | jpn1296          |
|                                              |                       | rising                   | jpn1297          |
|                                              |                       | falling                  | jpn1298          |
| centime                                      | centime<br>(France)   | flat                     | jpn1304          |
|                                              |                       | rising                   | jpn1305          |
|                                              |                       | falling                  | jpn1306          |
| peseta                                       | peseta<br>(Spain)     | flat                     | jpn1312          |
|                                              |                       | rising                   | jpn1313          |
|                                              |                       | falling                  | jpn1314          |
| peso                                         | peso<br>(Philippines) | flat                     | jpn1328          |
|                                              |                       | rising                   | jpn1329          |
|                                              |                       | falling                  | jpn1330          |

**Japanese audio (Sheet 14 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|--------------------------|--------------------------|------------------|
| centavo                                      | centavo<br>(Philippines) | flat                     | jpn1336          |
|                                              |                          | rising                   | jpn1337          |
|                                              |                          | falling                  | jpn1338          |
| ringgit                                      | ringgit<br>(Malaysia)    | flat                     | jpn1344          |
|                                              |                          | rising                   | jpn1345          |
|                                              |                          | falling                  | jpn1346          |
| sen                                          | sen<br>(Malaysia)        | flat                     | jpn1352          |
|                                              |                          | rising                   | jpn1353          |
|                                              |                          | falling                  | jpn1354          |
| baht                                         | baht<br>(Thailand)       | flat                     | jpn1360          |
|                                              |                          | rising                   | jpn1361          |
|                                              |                          | falling                  | jpn1362          |
| satang                                       | satang<br>(Thailand)     | flat                     | jpn1368          |
|                                              |                          | rising                   | jpn1369          |
|                                              |                          | falling                  | jpn1370          |
| won                                          | won<br>(Korea)           | flat                     | jpn1376          |
|                                              |                          | rising                   | jpn1377          |
|                                              |                          | falling                  | jpn1378          |
| franc                                        | franc<br>(Belgium)       | flat                     | jpn1384          |
|                                              |                          | rising                   | jpn1385          |
|                                              |                          | falling                  | jpn1386          |
| centime                                      | centime<br>(Belgium)     | flat                     | jpn1392          |
|                                              |                          | rising                   | jpn1393          |
|                                              |                          | falling                  | jpn1394          |
| dollar                                       | dollar<br>(Canada)       | flat                     | jpn1400          |
|                                              |                          | rising                   | jpn1401          |
|                                              |                          | falling                  | jpn1402          |

**Japanese audio (Sheet 15 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|-----------------------|--------------------------|------------------|
| cent                                         | cent<br>(Canada)      | flat                     | jpn1408          |
|                                              |                       | rising                   | jpn1409          |
|                                              |                       | falling                  | jpn1410          |
| dollar                                       | dollar<br>(Hong Kong) | flat                     | jpn1416          |
|                                              |                       | rising                   | jpn1417          |
|                                              |                       | falling                  | jpn1418          |
| cent                                         | cent<br>(Hong Kong)   | flat                     | jpn1424          |
|                                              |                       | rising                   | jpn1425          |
|                                              |                       | falling                  | jpn1426          |
| Gok                                          | gok<br>(Hong Kong)    | flat                     | jpn1488          |
|                                              |                       | rising                   | jpn1489          |
|                                              |                       | falling                  | jpn1490          |
| escudo                                       | escudo<br>(Portugal)  | flat                     | jpn1432          |
|                                              |                       | rising                   | jpn1433          |
|                                              |                       | falling                  | jpn1434          |
| centavo                                      | centavo<br>(Portugal) | flat                     | jpn1440          |
|                                              |                       | rising                   | jpn1441          |
|                                              |                       | falling                  | jpn1442          |
| yuan                                         | yuan<br>(China)       | flat                     | jpn1448          |
|                                              |                       | rising                   | jpn1449          |
|                                              |                       | falling                  | jpn1450          |
| jiao                                         | jiao<br>(China)       | flat                     | jpn1456          |
|                                              |                       | rising                   | jpn1457          |
|                                              |                       | falling                  | jpn1458          |
| fen                                          | fen<br>(China)        | flat                     | jpn1464          |
|                                              |                       | rising                   | jpn1465          |
|                                              |                       | falling                  | jpn1466          |

**Japanese audio (Sheet 16 of 16)**

| <b>Japanese phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|--------------------|--------------------------|------------------|
| pound                                        | pound<br>(Ireland) | flat                     | jpn1472          |
|                                              |                    | rising                   | jpn1473          |
|                                              |                    | falling                  | jpn1474          |
| pence                                        | pence<br>(Ireland) | flat                     | jpn1484          |
|                                              |                    | rising                   | jpn1485          |
|                                              |                    | falling                  | jpn1486          |

## Korean audio files

**Note 1:** Audio file names kor508–kor610 are optional. Only record this audio if you provision the strings functionality on the system.

**Note 2:** Audio file names kor920–kor994 are used for ordinal numbers and to modify the noun, “hour(s).”

**Note 3:** Record audio file names kor1200–kor1486 only if you provision currency on the system.

### Korean audio (Sheet 1 of 14)

| Korean phrase or English equivalent | English | Phrase intonation | File name |
|-------------------------------------|---------|-------------------|-----------|
| young                               | zero    | flat              | kor0      |
|                                     |         | rising            | kor1      |
|                                     |         | falling           | kor2      |
| il                                  | one     | flat              | kor8      |
|                                     |         | rising            | kor9      |
|                                     |         | falling           | kor10     |
| i                                   | two     | flat              | kor12     |
|                                     |         | rising            | kor13     |
|                                     |         | falling           | kor14     |
| sam                                 | three   | flat              | kor16     |
|                                     |         | rising            | kor17     |
|                                     |         | falling           | kor18     |
| sa                                  | four    | flat              | kor20     |
|                                     |         | rising            | kor21     |
|                                     |         | falling           | kor22     |
| o                                   | five    | flat              | kor24     |
|                                     |         | rising            | kor25     |
|                                     |         | falling           | kor26     |

**Korean audio (Sheet 2 of 14)**

| <b>Korean phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| yook                                       | six            | flat                     | kor28            |
|                                            |                | rising                   | kor29            |
|                                            |                | falling                  | kor30            |
| chil                                       | seven          | flat                     | kor32            |
|                                            |                | rising                   | kor33            |
|                                            |                | falling                  | kor34            |
| pal                                        | eight          | flat                     | kor36            |
|                                            |                | rising                   | kor37            |
|                                            |                | falling                  | kor38            |
| gu                                         | nine           | flat                     | kor40            |
|                                            |                | rising                   | kor41            |
|                                            |                | falling                  | kor42            |
| ship                                       | ten            | flat                     | kor56            |
|                                            |                | rising                   | kor57            |
|                                            |                | falling                  | kor58            |
| baek                                       | hundred        | flat                     | kor132           |
|                                            |                | rising                   | kor133           |
|                                            |                | falling                  | kor134           |
| ch'on                                      | thousand       | flat                     | kor496           |
|                                            |                | rising                   | kor497           |
|                                            |                | falling                  | kor498           |
| optional                                   | a              | flat                     | kor508           |
|                                            |                | rising                   | kor509           |
|                                            |                | falling                  | kor510           |
| optional                                   | b              | flat                     | kor512           |
|                                            |                | rising                   | kor513           |
|                                            |                | falling                  | kor514           |

**Korean audio (Sheet 3 of 14)**

| <b>Korean phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | c              | flat                     | kor516           |
|                                            |                | rising                   | kor517           |
|                                            |                | falling                  | kor518           |
| optional                                   | d              | flat                     | kor520           |
|                                            |                | rising                   | kor521           |
|                                            |                | falling                  | kor522           |
| optional                                   | e              | flat                     | kor524           |
|                                            |                | rising                   | kor525           |
|                                            |                | falling                  | kor526           |
| optional                                   | f              | flat                     | kor528           |
|                                            |                | rising                   | kor529           |
|                                            |                | falling                  | kor530           |
| optional                                   | g              | flat                     | kor532           |
|                                            |                | rising                   | kor533           |
|                                            |                | falling                  | kor534           |
| optional                                   | h              | flat                     | kor536           |
|                                            |                | rising                   | kor537           |
|                                            |                | falling                  | kor538           |
| optional                                   | i              | flat                     | kor540           |
|                                            |                | rising                   | kor541           |
|                                            |                | falling                  | kor542           |
| optional                                   | j              | flat                     | kor544           |
|                                            |                | rising                   | kor545           |
|                                            |                | falling                  | kor546           |
| optional                                   | k              | flat                     | kor548           |
|                                            |                | rising                   | kor549           |
|                                            |                | falling                  | kor550           |

**Korean audio (Sheet 4 of 14)**

| <b>Korean phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | l              | flat                     | kor552           |
|                                            |                | rising                   | kor553           |
|                                            |                | falling                  | kor554           |
| optional                                   | m              | flat                     | kor556           |
|                                            |                | rising                   | kor557           |
|                                            |                | falling                  | kor558           |
| optional                                   | n              | flat                     | kor560           |
|                                            |                | rising                   | kor561           |
|                                            |                | falling                  | kor562           |
| optional                                   | o              | flat                     | kor564           |
|                                            |                | rising                   | kor565           |
|                                            |                | falling                  | kor566           |
| optional                                   | p              | flat                     | kor568           |
|                                            |                | rising                   | kor569           |
|                                            |                | falling                  | kor570           |
| optional                                   | q              | flat                     | kor572           |
|                                            |                | rising                   | kor573           |
|                                            |                | falling                  | kor574           |
| optional                                   | r              | flat                     | kor576           |
|                                            |                | rising                   | kor577           |
|                                            |                | falling                  | kor578           |
| optional                                   | s              | flat                     | kor580           |
|                                            |                | rising                   | kor581           |
|                                            |                | falling                  | kor582           |
| optional                                   | t              | flat                     | kor584           |
|                                            |                | rising                   | kor585           |
|                                            |                | falling                  | kor586           |

**Korean audio (Sheet 5 of 14)**

| <b>Korean phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| optional                                   | u              | flat                     | kor588           |
|                                            |                | rising                   | kor589           |
|                                            |                | falling                  | kor590           |
| optional                                   | v              | flat                     | kor592           |
|                                            |                | rising                   | kor593           |
|                                            |                | falling                  | kor594           |
| optional                                   | w              | flat                     | kor596           |
|                                            |                | rising                   | kor597           |
|                                            |                | falling                  | kor598           |
| optional                                   | x              | flat                     | kor600           |
|                                            |                | rising                   | kor601           |
|                                            |                | falling                  | kor602           |
| optional                                   | y              | flat                     | kor604           |
|                                            |                | rising                   | kor605           |
|                                            |                | falling                  | kor606           |
| optional                                   | z              | flat                     | kor608           |
|                                            |                | rising                   | kor609           |
|                                            |                | falling                  | kor610           |
| minus                                      | negative       | flat                     | kor616           |
|                                            |                | rising                   | kor617           |
|                                            |                | falling                  | kor618           |
| mit                                        | and            | flat                     | kor620           |
|                                            |                | rising                   | kor621           |
|                                            |                | falling                  | kor622           |
| si                                         | hour           | flat                     | kor624           |
|                                            |                | rising                   | kor625           |
|                                            |                | falling                  | kor626           |

**Korean audio (Sheet 6 of 14)**

| <b>Korean phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| boon                                       | minute         | flat                     | kor632           |
|                                            |                | rising                   | kor633           |
|                                            |                | falling                  | kor634           |
| cho                                        | second         | flat                     | kor640           |
|                                            |                | rising                   | kor641           |
|                                            |                | falling                  | kor642           |
| il-yo-il                                   | Sunday         | flat                     | kor696           |
|                                            |                | rising                   | kor697           |
|                                            |                | falling                  | kor698           |
| wol-yo-il                                  | Monday         | flat                     | kor700           |
|                                            |                | rising                   | kor701           |
|                                            |                | falling                  | kor702           |
| hwa-yo-il                                  | Tuesday        | flat                     | kor704           |
|                                            |                | rising                   | kor705           |
|                                            |                | falling                  | kor706           |
| soo-yo-il                                  | Wednesday      | flat                     | kor708           |
|                                            |                | rising                   | kor709           |
|                                            |                | falling                  | kor710           |
| mok-yo-il                                  | Thursday       | flat                     | kor712           |
|                                            |                | rising                   | kor713           |
|                                            |                | falling                  | kor714           |
| geum-yo-il                                 | Friday         | flat                     | kor716           |
|                                            |                | rising                   | kor717           |
|                                            |                | falling                  | kor718           |
| to-yo-il                                   | Saturday       | flat                     | kor720           |
|                                            |                | rising                   | kor721           |
|                                            |                | falling                  | kor722           |

**Korean audio (Sheet 7 of 14)**

| <b>Korean phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-------------------|--------------------------|------------------|
| pound                                      | pound sign<br>(#) | flat                     | kor896           |
|                                            |                   | rising                   | kor897           |
|                                            |                   | falling                  | kor898           |
| byul                                       | asterisk<br>(*)   | flat                     | kor900           |
|                                            |                   | rising                   | kor901           |
|                                            |                   | falling                  | kor902           |
| o-jeon                                     | a.m.              | flat                     | kor908           |
|                                            |                   | rising                   | kor909           |
|                                            |                   | falling                  | kor910           |
| o-hoo                                      | p.m.              | flat                     | kor912           |
|                                            |                   | rising                   | kor913           |
|                                            |                   | falling                  | kor914           |
| han                                        | one               | flat                     | kor920           |
|                                            |                   | rising                   | kor921           |
|                                            |                   | falling                  | kor922           |
| doo                                        | two               | flat                     | kor924           |
|                                            |                   | rising                   | kor925           |
|                                            |                   | falling                  | kor926           |
| se                                         | three             | flat                     | kor928           |
|                                            |                   | rising                   | kor929           |
|                                            |                   | falling                  | kor930           |
| ne                                         | four              | flat                     | kor932           |
|                                            |                   | rising                   | kor933           |
|                                            |                   | falling                  | kor934           |
| da-sut                                     | five              | flat                     | kor936           |
|                                            |                   | rising                   | kor937           |
|                                            |                   | falling                  | kor938           |

**Korean audio (Sheet 8 of 14)**

| <b>Korean phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| yeo-sut                                    | six            | flat                     | kor940           |
|                                            |                | rising                   | kor941           |
|                                            |                | falling                  | kor942           |
| il-gop                                     | seven          | flat                     | kor944           |
|                                            |                | rising                   | kor945           |
|                                            |                | falling                  | kor946           |
| yeo-dul                                    | eight          | flat                     | kor948           |
|                                            |                | rising                   | kor949           |
|                                            |                | falling                  | kor950           |
| a-hop                                      | nine           | flat                     | kor952           |
|                                            |                | rising                   | kor953           |
|                                            |                | falling                  | kor954           |
| yeol                                       | ten            | flat                     | kor956           |
|                                            |                | rising                   | kor957           |
|                                            |                | falling                  | kor958           |
| sumul                                      | twenty         | flat                     | kor960           |
|                                            |                | rising                   | kor961           |
|                                            |                | falling                  | kor962           |
| se-reum                                    | thirty         | flat                     | kor964           |
|                                            |                | rising                   | kor965           |
|                                            |                | falling                  | kor966           |
| ma-heun                                    | forty          | flat                     | kor968           |
|                                            |                | rising                   | kor969           |
|                                            |                | falling                  | kor970           |
| shin                                       | fifty          | flat                     | kor972           |
|                                            |                | rising                   | kor973           |
|                                            |                | falling                  | kor974           |

**Korean audio (Sheet 9 of 14)**

| <b>Korean phrase or English equivalent</b> | <b>English</b>          | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-------------------------|--------------------------|------------------|
| ye-shun                                    | sixty                   | flat                     | kor976           |
|                                            |                         | rising                   | kor977           |
|                                            |                         | falling                  | kor978           |
| il-heun                                    | seventy                 | flat                     | kor980           |
|                                            |                         | rising                   | kor981           |
|                                            |                         | falling                  | kor982           |
| yu-deun                                    | eighty                  | flat                     | kor984           |
|                                            |                         | rising                   | kor985           |
|                                            |                         | falling                  | kor986           |
| a-heun                                     | ninety                  | flat                     | kor988           |
|                                            |                         | rising                   | kor989           |
|                                            |                         | falling                  | kor990           |
| chut                                       | first (used as ordinal) | flat                     | kor992           |
|                                            |                         | rising                   | kor993           |
|                                            |                         | falling                  | kor994           |
| man                                        | ten-thousand            | flat                     | kor996           |
|                                            |                         | rising                   | kor997           |
|                                            |                         | falling                  | kor998           |
| ock                                        | hundred-million         | flat                     | kor1000          |
|                                            |                         | rising                   | kor1001          |
|                                            |                         | falling                  | kor1002          |
| wol                                        | month                   | flat                     | kor1004          |
|                                            |                         | rising                   | kor1005          |
|                                            |                         | falling                  | kor1006          |
| nyeon                                      | year                    | flat                     | kor1008          |
|                                            |                         | rising                   | kor1009          |
|                                            |                         | falling                  | kor1010          |

**Korean audio (Sheet 10 of 14)**

| <b>Korean phrase or English equivalent</b> | <b>English</b>             | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------------------|--------------------------|------------------|
| b'on-che                                   | rank (ordinal)             | flat                     | kor1012          |
|                                            |                            | rising                   | kor1013          |
|                                            |                            | falling                  | kor1014          |
| sigan                                      | hours (used with duration) | flat                     | kor1016          |
|                                            |                            | rising                   | kor1017          |
|                                            |                            | falling                  | kor1018          |
| Dollar                                     | dollar<br>(US)             | flat                     | kor1200          |
|                                            |                            | rising                   | kor1201          |
|                                            |                            | falling                  | kor1202          |
| Cent                                       | cent<br>(US)               | flat                     | kor1208          |
|                                            |                            | rising                   | kor1209          |
|                                            |                            | falling                  | kor1210          |
| mark                                       | mark<br>(Germany)          | flat                     | kor1216          |
|                                            |                            | rising                   | kor1217          |
|                                            |                            | falling                  | kor1218          |
| pfennig                                    | pfennig<br>(Germany)       | flat                     | kor1224          |
|                                            |                            | rising                   | kor1225          |
|                                            |                            | falling                  | kor1226          |
| yen                                        | yen<br>(Japan)             | flat                     | kor1232          |
|                                            |                            | rising                   | kor1233          |
|                                            |                            | falling                  | kor1234          |
| lira                                       | lira<br>(Italy)            | flat                     | kor1240          |
|                                            |                            | rising                   | kor1241          |
|                                            |                            | falling                  | kor1242          |
| guilder                                    | guilder<br>(Netherlands)   | flat                     | kor1248          |
|                                            |                            | rising                   | kor1249          |
|                                            |                            | falling                  | kor1250          |

**Korean audio (Sheet 11 of 14)**

| <b>Korean phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|-----------------------|--------------------------|------------------|
| cent                                       | cent<br>(Netherlands) | flat                     | kor1256          |
|                                            |                       | rising                   | kor1257          |
|                                            |                       | falling                  | kor1258          |
| pound                                      | pound<br>(UK)         | flat                     | kor1264          |
|                                            |                       | rising                   | kor1265          |
|                                            |                       | falling                  | kor1266          |
| pence                                      | pence<br>(UK)         | flat                     | kor1276          |
|                                            |                       | rising                   | kor1277          |
|                                            |                       | falling                  | kor1278          |
| euro                                       | euro<br>(Euro)        | flat                     | kor1280          |
|                                            |                       | rising                   | kor1281          |
|                                            |                       | falling                  | kor1282          |
| eurocent                                   | eurocent<br>(Euro)    | flat                     | kor1288          |
|                                            |                       | rising                   | kor1289          |
|                                            |                       | falling                  | kor1290          |
| franc                                      | franc<br>(France)     | flat                     | kor1296          |
|                                            |                       | rising                   | kor1297          |
|                                            |                       | falling                  | kor1298          |
| centime                                    | centime<br>(France)   | flat                     | kor1304          |
|                                            |                       | rising                   | kor1305          |
|                                            |                       | falling                  | kor1306          |
| peseta                                     | peseta<br>(Spain)     | flat                     | kor1312          |
|                                            |                       | rising                   | kor1313          |
|                                            |                       | falling                  | kor1314          |
| peso                                       | peso<br>(Philippines) | flat                     | kor1328          |
|                                            |                       | rising                   | kor1329          |
|                                            |                       | falling                  | kor1330          |

**Korean audio (Sheet 12 of 14)**

| <b>Korean phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|--------------------------|--------------------------|------------------|
| centavo                                    | centavo<br>(Philippines) | flat                     | kor1336          |
|                                            |                          | rising                   | kor1337          |
|                                            |                          | falling                  | kor1338          |
| ringgit                                    | ringgit<br>(Malaysia)    | flat                     | kor1344          |
|                                            |                          | rising                   | kor1345          |
|                                            |                          | falling                  | kor1346          |
| sen                                        | sen<br>(Malaysia)        | flat                     | kor1352          |
|                                            |                          | rising                   | kor1353          |
|                                            |                          | falling                  | kor1354          |
| baht                                       | baht<br>(Thailand)       | flat                     | kor1360          |
|                                            |                          | rising                   | kor1361          |
|                                            |                          | falling                  | kor1362          |
| satang                                     | satang<br>(Thailand)     | flat                     | kor1368          |
|                                            |                          | rising                   | kor1369          |
|                                            |                          | falling                  | kor1370          |
| won                                        | won<br>(Korea)           | flat                     | kor1376          |
|                                            |                          | rising                   | kor1377          |
|                                            |                          | falling                  | kor1378          |
| franc                                      | franc<br>(Belgium)       | flat                     | kor1384          |
|                                            |                          | rising                   | kor1385          |
|                                            |                          | falling                  | kor1386          |
| centime                                    | centime<br>(Belgium)     | flat                     | kor1392          |
|                                            |                          | rising                   | kor1393          |
|                                            |                          | falling                  | kor1394          |
| dollar                                     | dollar<br>(Canada)       | flat                     | kor1400          |
|                                            |                          | rising                   | kor1401          |
|                                            |                          | falling                  | kor1402          |

**Korean audio (Sheet 13 of 14)**

| <b>Korean phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|----------------|--------------------------|------------------|
| cent                                       | cent           | flat                     | kor1408          |
|                                            | (Canada)       | rising                   | kor1409          |
|                                            |                | falling                  | kor1410          |
| dollar                                     | dollar         | flat                     | kor1416          |
|                                            | (Hong Kong)    | rising                   | kor1417          |
|                                            |                | falling                  | kor1418          |
| cent                                       | cent           | flat                     | kor1424          |
|                                            | (Hong Kong)    | rising                   | kor1425          |
|                                            |                | falling                  | kor1426          |
| Gok                                        | gok            | flat                     | kor1488          |
|                                            | (Hong Kong)    | rising                   | kor1489          |
|                                            |                | falling                  | kor1490          |
| escudo                                     | escudo         | flat                     | kor1432          |
|                                            | (Portugal)     | rising                   | kor1433          |
|                                            |                | falling                  | kor1434          |
| centavo                                    | centavo        | flat                     | kor1440          |
|                                            | (Portugal)     | rising                   | kor1441          |
|                                            |                | falling                  | kor1442          |
| yuan                                       | yuan           | flat                     | kor1448          |
|                                            | (China)        | rising                   | kor1449          |
|                                            |                | falling                  | kor1450          |
| jiao                                       | jiao           | flat                     | kor1456          |
|                                            | (China)        | rising                   | kor1457          |
|                                            |                | falling                  | kor1458          |
| fen                                        | fen            | flat                     | kor1464          |
|                                            | (China)        | rising                   | kor1465          |
|                                            |                | falling                  | kor1466          |

**Korean audio (Sheet 14 of 14)**

| <b>Korean phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|--------------------------------------------|--------------------|--------------------------|------------------|
| pound                                      | pound<br>(Ireland) | flat                     | kor1472          |
|                                            |                    | rising                   | kor1473          |
|                                            |                    | falling                  | kor1474          |
| pence                                      | pence<br>(Ireland) | flat                     | kor1484          |
|                                            |                    | rising                   | kor1485          |
|                                            |                    | falling                  | kor1486          |

## Malay audio files

**Note 1:** Audio file names msa508–msa610 are optional. Only record this audio if you provision the strings functionality on the system.

**Note 2:** Record audio file names msa1200–msa1486 only if you provision currency on the system.

### Malay audio (Sheet 1 of 14)

| Malay phrase or English equivalent | English | Phrase intonation | File name |
|------------------------------------|---------|-------------------|-----------|
| kosong                             | zero    | flat              | msa0      |
|                                    |         | rising            | msa1      |
|                                    |         | falling           | msa2      |
| satu                               | one     | flat              | msa8      |
|                                    |         | rising            | msa9      |
|                                    |         | falling           | msa10     |
| dua                                | two     | flat              | msa12     |
|                                    |         | rising            | msa13     |
|                                    |         | falling           | msa14     |
| tiga                               | three   | flat              | msa16     |
|                                    |         | rising            | msa17     |
|                                    |         | falling           | msa18     |
| empat                              | four    | flat              | msa20     |
|                                    |         | rising            | msa21     |
|                                    |         | falling           | msa22     |
| lima                               | five    | flat              | msa24     |
|                                    |         | rising            | msa25     |
|                                    |         | falling           | msa26     |
| enam                               | six     | flat              | msa28     |
|                                    |         | rising            | msa29     |
|                                    |         | falling           | msa30     |

**Malay audio (Sheet 2 of 14)**

| <b>Malay phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| tujuh                                     | seven          | flat                     | msa32            |
|                                           |                | rising                   | msa33            |
|                                           |                | falling                  | msa34            |
| lapan                                     | eight          | flat                     | msa36            |
|                                           |                | rising                   | msa37            |
|                                           |                | falling                  | msa38            |
| sembilan                                  | nine           | flat                     | msa40            |
|                                           |                | rising                   | msa41            |
|                                           |                | falling                  | msa42            |
| sepuluh                                   | ten            | flat                     | msa56            |
|                                           |                | rising                   | msa57            |
|                                           |                | falling                  | msa58            |
| sebelas                                   | eleven         | flat                     | msa60            |
|                                           |                | rising                   | msa61            |
|                                           |                | falling                  | msa62            |
| ratus                                     | hundred        | flat                     | msa132           |
|                                           |                | rising                   | msa133           |
|                                           |                | falling                  | msa134           |
| ribu                                      | thousand       | flat                     | msa496           |
|                                           |                | rising                   | msa497           |
|                                           |                | falling                  | msa498           |
| juta                                      | million        | flat                     | msa500           |
|                                           |                | rising                   | msa501           |
|                                           |                | falling                  | msa502           |
| bilion                                    | billion        | flat                     | msa504           |
|                                           |                | rising                   | msa505           |
|                                           |                | falling                  | msa506           |

**Malay audio (Sheet 3 of 14)**

| <b>Malay phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| optional                                  | a              | flat                     | msa508           |
|                                           |                | rising                   | msa509           |
|                                           |                | falling                  | msa510           |
| optional                                  | b              | flat                     | msa512           |
|                                           |                | rising                   | msa513           |
|                                           |                | falling                  | msa514           |
| optional                                  | c              | flat                     | msa516           |
|                                           |                | rising                   | msa517           |
|                                           |                | falling                  | msa518           |
| optional                                  | d              | flat                     | msa520           |
|                                           |                | rising                   | msa521           |
|                                           |                | falling                  | msa522           |
| optional                                  | e              | flat                     | msa524           |
|                                           |                | rising                   | msa525           |
|                                           |                | falling                  | msa526           |
| optional                                  | f              | flat                     | msa528           |
|                                           |                | rising                   | msa529           |
|                                           |                | falling                  | msa530           |
| optional                                  | g              | flat                     | msa532           |
|                                           |                | rising                   | msa533           |
|                                           |                | falling                  | msa534           |
| optional                                  | h              | flat                     | msa536           |
|                                           |                | rising                   | msa537           |
|                                           |                | falling                  | msa538           |
| optional                                  | i              | flat                     | msa540           |
|                                           |                | rising                   | msa541           |
|                                           |                | falling                  | msa542           |

**Malay audio (Sheet 4 of 14)**

| <b>Malay phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| optional                                  | j              | flat                     | msa544           |
|                                           |                | rising                   | msa545           |
|                                           |                | falling                  | msa546           |
| optional                                  | k              | flat                     | msa548           |
|                                           |                | rising                   | msa549           |
|                                           |                | falling                  | msa550           |
| optional                                  | l              | flat                     | msa552           |
|                                           |                | rising                   | msa553           |
|                                           |                | falling                  | msa554           |
| optional                                  | m              | flat                     | msa556           |
|                                           |                | rising                   | msa557           |
|                                           |                | falling                  | msa558           |
| optional                                  | n              | flat                     | msa560           |
|                                           |                | rising                   | msa561           |
|                                           |                | falling                  | msa562           |
| optional                                  | o              | flat                     | msa564           |
|                                           |                | rising                   | msa565           |
|                                           |                | falling                  | msa566           |
| optional                                  | p              | flat                     | msa568           |
|                                           |                | rising                   | msa569           |
|                                           |                | falling                  | msa570           |
| optional                                  | q              | flat                     | msa572           |
|                                           |                | rising                   | msa573           |
|                                           |                | falling                  | msa574           |
| optional                                  | r              | flat                     | msa576           |
|                                           |                | rising                   | msa577           |
|                                           |                | falling                  | msa578           |

**Malay audio (Sheet 5 of 14)**

| <b>Malay phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| optional                                  | s              | flat                     | msa580           |
|                                           |                | rising                   | msa581           |
|                                           |                | falling                  | msa582           |
| optional                                  | t              | flat                     | msa584           |
|                                           |                | rising                   | msa585           |
|                                           |                | falling                  | msa586           |
| optional                                  | u              | flat                     | msa588           |
|                                           |                | rising                   | msa589           |
|                                           |                | falling                  | msa590           |
| optional                                  | v              | flat                     | msa592           |
|                                           |                | rising                   | msa593           |
|                                           |                | falling                  | msa594           |
| optional                                  | w              | flat                     | msa596           |
|                                           |                | rising                   | msa597           |
|                                           |                | falling                  | msa598           |
| optional                                  | x              | flat                     | msa600           |
|                                           |                | rising                   | msa601           |
|                                           |                | falling                  | msa602           |
| optional                                  | y              | flat                     | msa604           |
|                                           |                | rising                   | msa605           |
|                                           |                | falling                  | msa606           |
| optional                                  | z              | flat                     | msa608           |
|                                           |                | rising                   | msa609           |
|                                           |                | falling                  | msa610           |
| negatif                                   | negative       | flat                     | msa616           |
|                                           |                | rising                   | msa617           |
|                                           |                | falling                  | msa618           |

**Malay audio (Sheet 6 of 14)**

| <b>Malay phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| dan                                       | and            | flat                     | msa620           |
|                                           |                | rising                   | msa621           |
|                                           |                | falling                  | msa622           |
| jam                                       | hour           | flat                     | msa624           |
|                                           |                | rising                   | msa625           |
|                                           |                | falling                  | msa626           |
| minit                                     | minute         | flat                     | msa632           |
|                                           |                | rising                   | msa633           |
|                                           |                | falling                  | msa634           |
| saat                                      | second         | flat                     | msa640           |
|                                           |                | rising                   | msa641           |
|                                           |                | falling                  | msa642           |
| janeiro                                   | January        | flat                     | msa648           |
|                                           |                | rising                   | msa649           |
|                                           |                | falling                  | msa650           |
| februari                                  | February       | flat                     | msa652           |
|                                           |                | rising                   | msa653           |
|                                           |                | falling                  | msa654           |
| mac                                       | March          | flat                     | msa656           |
|                                           |                | rising                   | msa657           |
|                                           |                | falling                  | msa658           |
| april                                     | April          | flat                     | msa660           |
|                                           |                | rising                   | msa661           |
|                                           |                | falling                  | msa662           |
| mei                                       | May            | flat                     | msa664           |
|                                           |                | rising                   | msa665           |
|                                           |                | falling                  | msa666           |

**Malay audio (Sheet 7 of 14)**

| <b>Malay phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|----------------|--------------------------|------------------|
| jun                                       | June           | flat                     | msa668           |
|                                           |                | rising                   | msa669           |
|                                           |                | falling                  | msa670           |
| julai                                     | July           | flat                     | msa672           |
|                                           |                | rising                   | msa673           |
|                                           |                | falling                  | msa674           |
| ogos                                      | August         | flat                     | msa676           |
|                                           |                | rising                   | msa677           |
|                                           |                | falling                  | msa678           |
| september                                 | September      | flat                     | msa680           |
|                                           |                | rising                   | msa681           |
|                                           |                | falling                  | msa682           |
| oktober                                   | October        | flat                     | msa684           |
|                                           |                | rising                   | msa685           |
|                                           |                | falling                  | msa686           |
| november                                  | November       | flat                     | msa688           |
|                                           |                | rising                   | msa689           |
|                                           |                | falling                  | msa690           |
| disember                                  | December       | flat                     | msa692           |
|                                           |                | rising                   | msa693           |
|                                           |                | falling                  | msa694           |
| ahad                                      | Sunday         | flat                     | msa696           |
|                                           |                | rising                   | msa697           |
|                                           |                | falling                  | msa698           |
| ismin                                     | Monday         | flat                     | msa700           |
|                                           |                | rising                   | msa701           |
|                                           |                | falling                  | msa702           |

**Malay audio (Sheet 8 of 14)**

| <b>Malay phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-------------------|--------------------------|------------------|
| selasa                                    | Tuesday           | flat                     | msa704           |
|                                           |                   | rising                   | msa705           |
|                                           |                   | falling                  | msa706           |
| rabu                                      | Wednesday         | flat                     | msa708           |
|                                           |                   | rising                   | msa709           |
|                                           |                   | falling                  | msa710           |
| khamis                                    | Thursday          | flat                     | msa712           |
|                                           |                   | rising                   | msa713           |
|                                           |                   | falling                  | msa714           |
| jumaat                                    | Friday            | flat                     | msa716           |
|                                           |                   | rising                   | msa717           |
|                                           |                   | falling                  | msa718           |
| sabtu                                     | Saturday          | flat                     | msa720           |
|                                           |                   | rising                   | msa721           |
|                                           |                   | falling                  | msa722           |
| pertama                                   | first             | flat                     | msa728           |
|                                           |                   | rising                   | msa729           |
|                                           |                   | falling                  | msa730           |
| paun                                      | pound sign<br>(#) | flat                     | msa896           |
|                                           |                   | rising                   | msa897           |
|                                           |                   | falling                  | msa898           |
| bintang                                   | asterisk<br>(*)   | flat                     | msa900           |
|                                           |                   | rising                   | msa901           |
|                                           |                   | falling                  | msa902           |
| pagi                                      | a.m.              | flat                     | msa908           |
|                                           |                   | rising                   | msa909           |
|                                           |                   | falling                  | msa910           |

**Malay audio (Sheet 9 of 14)**

| <b>Malay phrase or English equivalent</b> | <b>English</b>                     | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|------------------------------------|--------------------------|------------------|
| petang                                    | p.m.                               | flat                     | msa912           |
|                                           |                                    | rising                   | msa913           |
|                                           |                                    | falling                  | msa914           |
| hari                                      | day                                | flat                     | msa920           |
|                                           |                                    | rising                   | msa921           |
|                                           |                                    | falling                  | msa922           |
| bulan                                     | month                              | flat                     | msa924           |
|                                           |                                    | rising                   | msa925           |
|                                           |                                    | falling                  | msa926           |
| tahun                                     | year                               | flat                     | msa928           |
|                                           |                                    | rising                   | msa929           |
|                                           |                                    | falling                  | msa930           |
| seratus                                   | one-hundred                        | flat                     | msa932           |
|                                           |                                    | rising                   | msa933           |
|                                           |                                    | falling                  | msa934           |
| seribu                                    | one-thousand                       | flat                     | msa936           |
|                                           |                                    | rising                   | msa937           |
|                                           |                                    | falling                  | msa938           |
| sejuta                                    | one-million                        | flat                     | msa940           |
|                                           |                                    | rising                   | msa941           |
|                                           |                                    | falling                  | msa942           |
| belas                                     | teen (to make numbers 11-19)       | flat                     | msa944           |
|                                           |                                    | rising                   | msa945           |
|                                           |                                    | falling                  | msa946           |
| puluh                                     | tens (to make numbers 20, 30 - 90) | flat                     | msa948           |
|                                           |                                    | rising                   | msa949           |
|                                           |                                    | falling                  | msa950           |

**Malay audio (Sheet 10 of 14)**

| <b>Malay phrase or English equivalent</b> | <b>English</b>                          | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-----------------------------------------|--------------------------|------------------|
| pukul                                     | time (to represent time)                | flat                     | msa952           |
|                                           |                                         | rising                   | msa953           |
|                                           |                                         | falling                  | msa954           |
| tengah hari                               | noon                                    | flat                     | msa956           |
|                                           |                                         | rising                   | msa957           |
|                                           |                                         | falling                  | msa958           |
| malam                                     | evening                                 | flat                     | msa960           |
|                                           |                                         | rising                   | msa961           |
|                                           |                                         | falling                  | msa962           |
| tengah malam                              | midnight                                | flat                     | msa964           |
|                                           |                                         | rising                   | msa965           |
|                                           |                                         | falling                  | msa966           |
| suku                                      | 15 mins (used with time)                | flat                     | msa968           |
|                                           |                                         | rising                   | msa969           |
|                                           |                                         | falling                  | msa970           |
| setengah                                  | 30 mins (used with time)                | flat                     | msa972           |
|                                           |                                         | rising                   | msa973           |
|                                           |                                         | falling                  | msa974           |
| ke                                        | th (rank; used to make ordinal numbers) | flat                     | msa976           |
|                                           |                                         | rising                   | msa977           |
|                                           |                                         | falling                  | msa978           |
| Dollar                                    | dollar<br>(US)                          | flat                     | msa1200          |
|                                           |                                         | rising                   | msa1201          |
|                                           |                                         | falling                  | msa1202          |
| Cent                                      | cent<br>(US)                            | flat                     | msa1208          |
|                                           |                                         | rising                   | msa1209          |
|                                           |                                         | falling                  | msa1210          |

**Malay audio (Sheet 11 of 14)**

| <b>Malay phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|--------------------------|--------------------------|------------------|
| mark                                      | mark<br>(Germany)        | flat                     | msa1216          |
|                                           |                          | rising                   | msa1217          |
|                                           |                          | falling                  | msa1218          |
| pfennig                                   | pfennig<br>(Germany)     | flat                     | msa1224          |
|                                           |                          | rising                   | msa1225          |
|                                           |                          | falling                  | msa1226          |
| yen                                       | yen<br>(Japan)           | flat                     | msa1232          |
|                                           |                          | rising                   | msa1233          |
|                                           |                          | falling                  | msa1234          |
| lira                                      | lira<br>(Italy)          | flat                     | msa1240          |
|                                           |                          | rising                   | msa1241          |
|                                           |                          | falling                  | msa1242          |
| guilder                                   | guilder<br>(Netherlands) | flat                     | msa1248          |
|                                           |                          | rising                   | msa1249          |
|                                           |                          | falling                  | msa1250          |
| cent                                      | cent<br>(Netherlands)    | flat                     | msa1256          |
|                                           |                          | rising                   | msa1257          |
|                                           |                          | falling                  | msa1258          |
| pound                                     | pound<br>(UK)            | flat                     | msa1264          |
|                                           |                          | rising                   | msa1265          |
|                                           |                          | falling                  | msa1266          |
| pence                                     | pence<br>(UK)            | flat                     | msa1276          |
|                                           |                          | rising                   | msa1277          |
|                                           |                          | falling                  | msa1278          |
| euro                                      | euro<br>(Euro)           | flat                     | msa1280          |
|                                           |                          | rising                   | msa1281          |
|                                           |                          | falling                  | msa1282          |

**Malay audio (Sheet 12 of 14)**

| <b>Malay phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|--------------------------|--------------------------|------------------|
| eurocent                                  | eurocent<br>(Euro)       | flat                     | msa1288          |
|                                           |                          | rising                   | msa1289          |
|                                           |                          | falling                  | msa1290          |
| franc                                     | franc<br>(France)        | flat                     | msa1296          |
|                                           |                          | rising                   | msa1297          |
|                                           |                          | falling                  | msa1298          |
| centime                                   | centime<br>(France)      | flat                     | msa1304          |
|                                           |                          | rising                   | msa1305          |
|                                           |                          | falling                  | msa1306          |
| peseta                                    | peseta<br>(Spain)        | flat                     | msa1312          |
|                                           |                          | rising                   | msa1313          |
|                                           |                          | falling                  | msa1314          |
| peso                                      | peso<br>(Philippines)    | flat                     | msa1328          |
|                                           |                          | rising                   | msa1329          |
|                                           |                          | falling                  | msa1330          |
| centavo                                   | centavo<br>(Philippines) | flat                     | msa1336          |
|                                           |                          | rising                   | msa1337          |
|                                           |                          | falling                  | msa1338          |
| ringgit                                   | ringgit<br>(Malaysia)    | flat                     | msa1344          |
|                                           |                          | rising                   | msa1345          |
|                                           |                          | falling                  | msa1346          |
| sen                                       | sen<br>(Malaysia)        | flat                     | msa1352          |
|                                           |                          | rising                   | msa1353          |
|                                           |                          | falling                  | msa1354          |
| baht                                      | baht<br>(Thailand)       | flat                     | msa1360          |
|                                           |                          | rising                   | msa1361          |
|                                           |                          | falling                  | msa1362          |

**Malay audio (Sheet 13 of 14)**

| <b>Malay phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-----------------------|--------------------------|------------------|
| satang                                    | satang<br>(Thailand)  | flat                     | msa1368          |
|                                           |                       | rising                   | msa1369          |
|                                           |                       | falling                  | msa1370          |
| won                                       | won<br>(msaea)        | flat                     | msa1376          |
|                                           |                       | rising                   | msa1377          |
|                                           |                       | falling                  | msa1378          |
| franc                                     | franc<br>(Belgium)    | flat                     | msa1384          |
|                                           |                       | rising                   | msa1385          |
|                                           |                       | falling                  | msa1386          |
| centime                                   | centime<br>(Belgium)  | flat                     | msa1392          |
|                                           |                       | rising                   | msa1393          |
|                                           |                       | falling                  | msa1394          |
| dollar                                    | dollar<br>(Canada)    | flat                     | msa1400          |
|                                           |                       | rising                   | msa1401          |
|                                           |                       | falling                  | msa1402          |
| cent                                      | cent<br>(Canada)      | flat                     | msa1408          |
|                                           |                       | rising                   | msa1409          |
|                                           |                       | falling                  | msa1410          |
| dollar                                    | dollar<br>(Hong Kong) | flat                     | msa1416          |
|                                           |                       | rising                   | msa1417          |
|                                           |                       | falling                  | msa1418          |
| cent                                      | cent<br>(Hong Kong)   | flat                     | msa1424          |
|                                           |                       | rising                   | msa1425          |
|                                           |                       | falling                  | msa1426          |
| escudo                                    | escudo<br>(Portugal)  | flat                     | msa1432          |
|                                           |                       | rising                   | msa1433          |
|                                           |                       | falling                  | msa1434          |

**Malay audio (Sheet 14 of 14)**

| <b>Malay phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------|-----------------------|--------------------------|------------------|
| centavo                                   | centavo<br>(Portugal) | flat                     | msa1440          |
|                                           |                       | rising                   | msa1441          |
|                                           |                       | falling                  | msa1442          |
| yuan                                      | yuan<br>(China)       | flat                     | msa1448          |
|                                           |                       | rising                   | msa1449          |
|                                           |                       | falling                  | msa1450          |
| jiao                                      | jiao<br>(China)       | flat                     | msa1456          |
|                                           |                       | rising                   | msa1457          |
|                                           |                       | falling                  | msa1458          |
| fen                                       | fen<br>(China)        | flat                     | msa1464          |
|                                           |                       | rising                   | msa1465          |
|                                           |                       | falling                  | msa1466          |
| pound                                     | pound<br>(Ireland)    | flat                     | msa1472          |
|                                           |                       | rising                   | msa1473          |
|                                           |                       | falling                  | msa1474          |
| pence                                     | pence<br>(Ireland)    | flat                     | msa1484          |
|                                           |                       | rising                   | msa1485          |
|                                           |                       | falling                  | msa1486          |

## Mandarin audio files

**Note 1:** Audio file names zho508–zho610 are optional. Only record the files when the user provisions the string functionality on the system.

**Note 2:** Record audio file names zho908–zho1486 if you provision currency on the system.

### Mandarin audio (Sheet 1 of 12)

| Mandarin phrase or English equivalent | English | Phrase intonation | File name |
|---------------------------------------|---------|-------------------|-----------|
| ling                                  | zero    | flat              | zho0      |
|                                       |         | rising            | zho1      |
|                                       |         | falling           | zho2      |
| yi                                    | one     | flat              | zho8      |
|                                       |         | rising            | zho9      |
|                                       |         | falling           | zho10     |
| er                                    | two     | flat              | zho12     |
|                                       |         | rising            | zho13     |
|                                       |         | falling           | zho14     |
| san                                   | three   | flat              | zho16     |
|                                       |         | rising            | zho17     |
|                                       |         | falling           | zho18     |
| si                                    | four    | flat              | zho20     |
|                                       |         | rising            | zho21     |
|                                       |         | falling           | zho22     |
| wu                                    | five    | flat              | zho24     |
|                                       |         | rising            | zho25     |
|                                       |         | falling           | zho26     |

**Mandarin audio (Sheet 2 of 12)**

| <b>Mandarin phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| liu                                          | six            | flat                     | zho28            |
|                                              |                | rising                   | zho29            |
|                                              |                | falling                  | zho30            |
| qi                                           | seven          | flat                     | zho32            |
|                                              |                | rising                   | zho34            |
|                                              |                | falling                  | zho35            |
| ba                                           | eight          | flat                     | zho36            |
|                                              |                | rising                   | zho37            |
|                                              |                | falling                  | zho38            |
| jui                                          | nine           | flat                     | zho40            |
|                                              |                | rising                   | zho41            |
|                                              |                | falling                  | zho42            |
| shi                                          | ten            | flat                     | zho56            |
|                                              |                | rising                   | zho57            |
|                                              |                | falling                  | zho58            |
| bai                                          | hundred        | flat                     | zho132           |
|                                              |                | rising                   | zho133           |
|                                              |                | falling                  | zho134           |
| qian                                         | thousand       | flat                     | zho496           |
|                                              |                | rising                   | zho497           |
|                                              |                | falling                  | zho498           |
| optional                                     | a              | flat                     | zho508           |
|                                              |                | rising                   | zho509           |
|                                              |                | falling                  | zho510           |
| optional                                     | b              | flat                     | zho512           |
|                                              |                | rising                   | zho513           |
|                                              |                | falling                  | zho514           |

**Mandarin audio (Sheet 3 of 12)**

| <b>Mandarin phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| optional                                     | c              | flat                     | zho516           |
|                                              |                | rising                   | zho517           |
|                                              |                | falling                  | zho518           |
| optional                                     | d              | flat                     | zho520           |
|                                              |                | rising                   | zho521           |
|                                              |                | falling                  | zho522           |
| optional                                     | e              | flat                     | zho524           |
|                                              |                | rising                   | zho525           |
|                                              |                | falling                  | zho526           |
| optional                                     | f              | flat                     | zho528           |
|                                              |                | rising                   | zho529           |
|                                              |                | falling                  | zho530           |
| optional                                     | g              | flat                     | zho532           |
|                                              |                | rising                   | zho533           |
|                                              |                | falling                  | zho534           |
| optional                                     | h              | flat                     | zho536           |
|                                              |                | rising                   | zho537           |
|                                              |                | falling                  | zho538           |
| optional                                     | i              | flat                     | zho540           |
|                                              |                | rising                   | zho541           |
|                                              |                | falling                  | zho542           |
| optional                                     | j              | flat                     | zho544           |
|                                              |                | rising                   | zho545           |
|                                              |                | falling                  | zho546           |
| optional                                     | k              | flat                     | zho548           |
|                                              |                | rising                   | zho549           |
|                                              |                | falling                  | zho550           |

**Mandarin audio (Sheet 4 of 12)**

| <b>Mandarin phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| optional                                     | l              | flat                     | zho552           |
|                                              |                | rising                   | zho553           |
|                                              |                | falling                  | zho554           |
| optional                                     | m              | flat                     | zho556           |
|                                              |                | rising                   | zho557           |
|                                              |                | falling                  | zho558           |
| optional                                     | n              | flat                     | zho560           |
|                                              |                | rising                   | zho561           |
|                                              |                | falling                  | zho562           |
| optional                                     | o              | flat                     | zho564           |
|                                              |                | rising                   | zho565           |
|                                              |                | falling                  | zho566           |
| optional                                     | p              | flat                     | zho568           |
|                                              |                | rising                   | zho569           |
|                                              |                | falling                  | zho570           |
| optional                                     | q              | flat                     | zho572           |
|                                              |                | rising                   | zho573           |
|                                              |                | falling                  | zho574           |
| optional                                     | r              | flat                     | zho576           |
|                                              |                | rising                   | zho577           |
|                                              |                | falling                  | zho578           |
| optional                                     | s              | flat                     | zho580           |
|                                              |                | rising                   | zho581           |
|                                              |                | falling                  | zho582           |
| optional                                     | t              | flat                     | zho584           |
|                                              |                | rising                   | zho585           |
|                                              |                | falling                  | zho586           |

**Mandarin audio (Sheet 5 of 12)**

| <b>Mandarin phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| optional                                     | u              | flat                     | zho588           |
|                                              |                | rising                   | zho589           |
|                                              |                | falling                  | zho590           |
| optional                                     | v              | flat                     | zho592           |
|                                              |                | rising                   | zho593           |
|                                              |                | falling                  | zho594           |
| optional                                     | w              | flat                     | zho596           |
|                                              |                | rising                   | zho597           |
|                                              |                | falling                  | zho598           |
| optional                                     | x              | flat                     | zho600           |
|                                              |                | rising                   | zho601           |
|                                              |                | falling                  | zho602           |
| optional                                     | y              | flat                     | zho604           |
|                                              |                | rising                   | zho605           |
|                                              |                | falling                  | zho606           |
| optional                                     | z              | flat                     | zho608           |
|                                              |                | rising                   | zho609           |
|                                              |                | falling                  | zho610           |
| fu                                           | negative       | flat                     | zho616           |
|                                              |                | rising                   | zho617           |
|                                              |                | falling                  | zho618           |
| he                                           | and            | flat                     | zho620           |
|                                              |                | rising                   | zho621           |
|                                              |                | falling                  | zho622           |
| xiao shi                                     | hour           | flat                     | zho624           |
|                                              |                | rising                   | zho625           |
|                                              |                | falling                  | zho626           |

## Mandarin audio (Sheet 6 of 12)

| Mandarin phrase or English equivalent | English           | Phrase intonation | File name |
|---------------------------------------|-------------------|-------------------|-----------|
| fen                                   | minute            | flat              | zho632    |
|                                       |                   | rising            | zho633    |
|                                       |                   | falling           | zho634    |
| miao                                  | second            | flat              | zho640    |
|                                       |                   | rising            | zho641    |
|                                       |                   | falling           | zho642    |
| jing zi jian                          | pound sign<br>(#) | flat              | zho896    |
|                                       |                   | rising            | zho897    |
|                                       |                   | falling           | zho898    |
| xing hao jian                         | asterisk<br>(*)   | flat              | zho900    |
|                                       |                   | rising            | zho901    |
|                                       |                   | falling           | zho902    |
| wu qian                               | a.m.              | flat              | zho908    |
|                                       |                   | rising            | zho909    |
|                                       |                   | falling           | zho910    |
| wu hou                                | p.m.              | flat              | zho912    |
|                                       |                   | rising            | zho913    |
|                                       |                   | falling           | zho914    |
| Dollar                                | dollar<br>(US)    | flat              | zho1200   |
|                                       |                   | rising            | zho1201   |
|                                       |                   | falling           | zho1202   |
| Cent                                  | cent<br>(US)      | flat              | zho1208   |
|                                       |                   | rising            | zho1209   |
|                                       |                   | falling           | zho1210   |
| Mark                                  | mark<br>(Germany) | flat              | zho1216   |
|                                       |                   | rising            | zho1217   |
|                                       |                   | falling           | zho1218   |

**Mandarin audio (Sheet 7 of 12)**

| <b>Mandarin phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|--------------------------|--------------------------|------------------|
| Pfennig                                      | pfennig<br>(Germany)     | flat                     | zho1224          |
|                                              |                          | rising                   | zho1225          |
|                                              |                          | falling                  | zho1226          |
| Yen                                          | yen<br>(Japan)           | flat                     | zho1232          |
|                                              |                          | rising                   | zho1233          |
|                                              |                          | falling                  | zho1234          |
| Lira                                         | lira<br>(Italy)          | flat                     | zho1240          |
|                                              |                          | rising                   | zho1241          |
|                                              |                          | falling                  | zho1242          |
| Guilder                                      | guilder<br>(Netherlands) | flat                     | zho1248          |
|                                              |                          | rising                   | zho1249          |
|                                              |                          | falling                  | zho1250          |
| Cent                                         | cent<br>(Netherlands)    | flat                     | zho1256          |
|                                              |                          | rising                   | zho1257          |
|                                              |                          | falling                  | zho1258          |
| Pound                                        | pound<br>(UK)            | flat                     | zho1264          |
|                                              |                          | rising                   | zho1265          |
|                                              |                          | falling                  | zho1266          |
| pence                                        | pence<br>(UK)            | flat                     | zho1276          |
|                                              |                          | rising                   | zho1277          |
|                                              |                          | falling                  | zho1278          |
| euro                                         | euro<br>(Euro)           | flat                     | zho1280          |
|                                              |                          | rising                   | zho1281          |
|                                              |                          | falling                  | zho1282          |
| eurocent                                     | eurocent<br>(Euro)       | flat                     | zho1288          |
|                                              |                          | rising                   | zho1289          |
|                                              |                          | falling                  | zho1290          |

**Mandarin audio (Sheet 8 of 12)**

| <b>Mandarin phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|--------------------------|--------------------------|------------------|
| franc                                        | franc<br>(France)        | flat                     | zho1296          |
|                                              |                          | rising                   | zho1297          |
|                                              |                          | falling                  | zho1298          |
| centime                                      | centime<br>(France)      | flat                     | zho1304          |
|                                              |                          | rising                   | zho1305          |
|                                              |                          | falling                  | zho1306          |
| peseta                                       | peseta<br>(Spain)        | flat                     | zho1312          |
|                                              |                          | rising                   | zho1313          |
|                                              |                          | falling                  | zho1314          |
| peso                                         | peso<br>(Philippines)    | flat                     | zho1328          |
|                                              |                          | rising                   | zho1329          |
|                                              |                          | falling                  | zho1330          |
| centavo                                      | centavo<br>(Philippines) | flat                     | zho1336          |
|                                              |                          | rising                   | zho1337          |
|                                              |                          | falling                  | zho1338          |
| ringgit                                      | ringgit<br>(Malaysia)    | flat                     | zho1344          |
|                                              |                          | rising                   | zho1345          |
|                                              |                          | falling                  | zho1346          |
| sen                                          | sen<br>(Malaysia)        | flat                     | zho1352          |
|                                              |                          | rising                   | zho1353          |
|                                              |                          | falling                  | zho1354          |
| baht                                         | baht<br>(Thailand)       | flat                     | zho1360          |
|                                              |                          | rising                   | zho1361          |
|                                              |                          | falling                  | zho1362          |
| satang                                       | satang<br>(Thailand)     | flat                     | zho1368          |
|                                              |                          | rising                   | zho1369          |
|                                              |                          | falling                  | zho1370          |

**Mandarin audio (Sheet 9 of 12)**

| <b>Mandarin phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|----------------|--------------------------|------------------|
| won                                          | won            | flat                     | zho1376          |
|                                              | (Korea)        | rising                   | zho1377          |
|                                              |                | falling                  | zho1378          |
| franc                                        | franc          | flat                     | zho1384          |
|                                              | (Belgium)      | rising                   | zho1385          |
|                                              |                | falling                  | zho1386          |
| centime                                      | centime        | flat                     | zho1392          |
|                                              | (Belgium)      | rising                   | zho1393          |
|                                              |                | falling                  | zho1394          |
| dollar                                       | dollar         | flat                     | zho1400          |
|                                              | (Canada)       | rising                   | zho1401          |
|                                              |                | falling                  | zho1402          |
| cent                                         | cent           | flat                     | zho1408          |
|                                              | (Canada)       | rising                   | zho1409          |
|                                              |                | falling                  | zho1410          |
| dollar                                       | dollar         | flat                     | zho1416          |
|                                              | (Hong Kong)    | rising                   | zho1417          |
|                                              |                | falling                  | zho1418          |
| cent                                         | cent           | flat                     | zho1424          |
|                                              | (Hong Kong)    | rising                   | zho1425          |
|                                              |                | falling                  | zho1426          |
| gok                                          | gok            | flat                     | zho1488          |
|                                              | (Hong Kong)    | rising                   | zho1489          |
|                                              |                | falling                  | zho1490          |
| escudo                                       | escudo         | flat                     | zho1432          |
|                                              | (Portugal)     | rising                   | zho1433          |
|                                              |                | falling                  | zho1434          |

**Mandarin audio (Sheet 10 of 12)**

| <b>Mandarin phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|-----------------------|--------------------------|------------------|
| centavo                                      | centavo<br>(Portugal) | flat                     | zho1440          |
|                                              |                       | rising                   | zho1441          |
|                                              |                       | falling                  | zho1442          |
| yuan                                         | yuan<br>(China)       | flat                     | zho1448          |
|                                              |                       | rising                   | zho1449          |
|                                              |                       | falling                  | zho1450          |
| jiao                                         | jiao<br>(China)       | flat                     | zho1456          |
|                                              |                       | rising                   | zho1457          |
|                                              |                       | falling                  | zho1458          |
| fen                                          | fen<br>(China)        | flat                     | zho1464          |
|                                              |                       | rising                   | zho1465          |
|                                              |                       | falling                  | zho1466          |
| pound                                        | pound<br>(Ireland)    | flat                     | zho1472          |
|                                              |                       | rising                   | zho1473          |
|                                              |                       | falling                  | zho1474          |
| pence                                        | pence<br>(Ireland)    | flat                     | zho1484          |
|                                              |                       | rising                   | zho1485          |
|                                              |                       | falling                  | zho1486          |
| xing qi                                      | week                  | flat                     | zho920           |
|                                              |                       | rising                   | zho921           |
|                                              |                       | falling                  | zho922           |
| yue                                          | month                 | flat                     | zho924           |
|                                              |                       | rising                   | zho925           |
|                                              |                       | falling                  | zho926           |
| nian                                         | year                  | flat                     | zho928           |
|                                              |                       | rising                   | zho929           |
|                                              |                       | falling                  | zho930           |

**Mandarin audio (Sheet 11 of 12)**

| <b>Mandarin phrase or English equivalent</b> | <b>English</b>                                 | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|------------------------------------------------|--------------------------|------------------|
| hao                                          | day                                            | flat                     | zho932           |
|                                              |                                                | rising                   | zho933           |
|                                              |                                                | falling                  | zho934           |
| ri                                           | day (for Sunday)                               | flat                     | zho936           |
|                                              |                                                | rising                   | zho937           |
|                                              |                                                | falling                  | zho938           |
| di                                           | prefix for ordinal                             | flat                     | zho940           |
|                                              |                                                | rising                   | zho941           |
|                                              |                                                | falling                  | zho942           |
| ge                                           | suffix for ordinal                             | flat                     | zho944           |
|                                              |                                                | rising                   | zho945           |
|                                              |                                                | falling                  | zho946           |
| wan                                          | ten-thousand                                   | flat                     | zho948           |
|                                              |                                                | rising                   | zho949           |
|                                              |                                                | falling                  | zho950           |
| yi                                           | hundred-million                                | flat                     | zho952           |
|                                              |                                                | rising                   | zho953           |
|                                              |                                                | falling                  | zho954           |
| dian                                         | hour used in telling time                      | flat                     | zho956           |
|                                              |                                                | rising                   | zho957           |
|                                              |                                                | falling                  | zho958           |
| ling chen                                    | used for telling time from midnight to 5:59 am | flat                     | zho960           |
|                                              |                                                | rising                   | zho961           |
|                                              |                                                | falling                  | zho962           |
| shang wu                                     | used for telling time from 6 am to 11:59 am    | flat                     | zho964           |
|                                              |                                                | rising                   | zho965           |
|                                              |                                                | falling                  | zho966           |

**Mandarin audio (Sheet 12 of 12)**

| <b>Mandarin phrase or English equivalent</b> | <b>English</b>                                 | <b>Phrase intonation</b> | <b>File name</b> |
|----------------------------------------------|------------------------------------------------|--------------------------|------------------|
| zhong wu                                     | used for telling time from noon to 12:59 pm    | flat                     | zho968           |
|                                              |                                                | rising                   | zho969           |
|                                              |                                                | falling                  | zho970           |
| xia wu                                       | used for telling time from 1 pm to 5:59 pm     | flat                     | zho972           |
|                                              |                                                | rising                   | zho973           |
|                                              |                                                | falling                  | zho974           |
| wan shang                                    | used for telling time from 6 pm to 11:59 pm    | flat                     | zho976           |
|                                              |                                                | rising                   | zho977           |
|                                              |                                                | falling                  | zho978           |
| zheng                                        | word for “o’clock”, used when minutes are zero | flat                     | zho980           |
|                                              |                                                | rising                   | zho981           |
|                                              |                                                | falling                  | zho982           |

## Netherlands Dutch audio files

**Note 1:** Audio file names nld508–nld610 are optional. Only record this audio if you provision the strings functionality on the system

**Note 2:** Record audio file names nld1200–nld1486 only if you provision currency on the system.

**Note 3:** Netherlands Dutch does not have a 12-hour format or an equivalent to the English a.m. or p.m. The flexibility of the UAS software allows 12-hour time to be provisioned. Audio file names nld908–nld914 are required if you provision the 12-hour functionality on the system.

### Netherlands Dutch audio (Sheet 1 of 27)

| Netherlands Dutch phrase or English equivalent | English                     | Phrase intonation | File name |
|------------------------------------------------|-----------------------------|-------------------|-----------|
| nul                                            | zero                        | flat              | nld0      |
|                                                |                             | rising            | nld1      |
|                                                |                             | falling           | nld2      |
| e'e'n                                          | one<br>(neutral - counting) | flat              | nld8      |
|                                                |                             | rising            | nld9      |
|                                                |                             | falling           | nld10     |
| twee                                           | two                         | flat              | nld12     |
|                                                |                             | rising            | nld13     |
|                                                |                             | falling           | nld14     |
| drie                                           | three                       | flat              | nld16     |
|                                                |                             | rising            | nld17     |
|                                                |                             | falling           | nld18     |
| vier                                           | four                        | flat              | nld20     |
|                                                |                             | rising            | nld21     |
|                                                |                             | falling           | nld22     |

## Netherlands Dutch audio (Sheet 2 of 27)

| Netherlands Dutch phrase or English equivalent | English  | Phrase intonation | File name |
|------------------------------------------------|----------|-------------------|-----------|
| vijf                                           | five     | flat              | nld24     |
|                                                |          | rising            | nld25     |
|                                                |          | falling           | nld26     |
| zes                                            | six      | flat              | nld28     |
|                                                |          | rising            | nld29     |
|                                                |          | falling           | nld30     |
| zeven                                          | seven    | flat              | nld32     |
|                                                |          | rising            | nld33     |
|                                                |          | falling           | nld34     |
| acht                                           | eight    | flat              | nld36     |
|                                                |          | rising            | nld37     |
|                                                |          | falling           | nld38     |
| negen                                          | nine     | flat              | nld40     |
|                                                |          | rising            | nld41     |
|                                                |          | falling           | nld42     |
| tien                                           | ten      | flat              | nld56     |
|                                                |          | rising            | nld57     |
|                                                |          | falling           | nld58     |
| elf                                            | eleven   | flat              | nld60     |
|                                                |          | rising            | nld61     |
|                                                |          | falling           | nld62     |
| twaalf                                         | twelve   | flat              | nld64     |
|                                                |          | rising            | nld65     |
|                                                |          | falling           | nld66     |
| dertien                                        | thirteen | flat              | nld68     |
|                                                |          | rising            | nld69     |
|                                                |          | falling           | nld70     |

## Netherlands Dutch audio (Sheet 3 of 27)

| Netherlands Dutch phrase or English equivalent | English   | Phrase intonation | File name |
|------------------------------------------------|-----------|-------------------|-----------|
| veertien                                       | fourteen  | flat              | nld72     |
|                                                |           | rising            | nld73     |
|                                                |           | falling           | nld74     |
| vijftien                                       | fifteen   | flat              | nld76     |
|                                                |           | rising            | nld77     |
|                                                |           | falling           | nld78     |
| zestien                                        | sixteen   | flat              | nld80     |
|                                                |           | rising            | nld81     |
|                                                |           | falling           | nld82     |
| zeventien                                      | seventeen | flat              | nld84     |
|                                                |           | rising            | nld85     |
|                                                |           | falling           | nld86     |
| achttien                                       | eighteen  | flat              | nld88     |
|                                                |           | rising            | nld89     |
|                                                |           | falling           | nld90     |
| negentien                                      | nineteen  | flat              | nld92     |
|                                                |           | rising            | nld93     |
|                                                |           | falling           | nld94     |
| twintig                                        | twenty    | flat              | nld96     |
|                                                |           | rising            | nld97     |
|                                                |           | falling           | nld98     |
| dertig                                         | thirty    | flat              | nld100    |
|                                                |           | rising            | nld101    |
|                                                |           | falling           | nld102    |
| veertig                                        | forty     | flat              | nld104    |
|                                                |           | rising            | nld105    |
|                                                |           | falling           | nld106    |

## Netherlands Dutch audio (Sheet 4 of 27)

| Netherlands Dutch phrase or English equivalent | English       | Phrase intonation | File name |
|------------------------------------------------|---------------|-------------------|-----------|
| vijftig                                        | fifty         | flat              | nld108    |
|                                                |               | rising            | nld109    |
|                                                |               | falling           | nld110    |
| zestig                                         | sixty         | flat              | nld112    |
|                                                |               | rising            | nld113    |
|                                                |               | falling           | nld114    |
| zeventig                                       | seventy       | flat              | nld116    |
|                                                |               | rising            | nld117    |
|                                                |               | falling           | nld118    |
| tachtig                                        | eighty        | flat              | nld120    |
|                                                |               | rising            | nld121    |
|                                                |               | falling           | nld122    |
| negentig                                       | ninety        | flat              | nld124    |
|                                                |               | rising            | nld125    |
|                                                |               | falling           | nld126    |
| honderd                                        | one-hundred   | flat              | nld132    |
|                                                |               | rising            | nld133    |
|                                                |               | falling           | nld134    |
| tweehonderd                                    | two-hundred   | flat              | nld136    |
|                                                |               | rising            | nld137    |
|                                                |               | falling           | nld138    |
| driehonderd                                    | three-hundred | flat              | nld140    |
|                                                |               | rising            | nld141    |
|                                                |               | falling           | nld142    |
| vierhonderd                                    | four-hundred  | flat              | nld144    |
|                                                |               | rising            | nld145    |
|                                                |               | falling           | nld146    |

## Netherlands Dutch audio (Sheet 5 of 27)

| Netherlands Dutch phrase or English equivalent | English        | Phrase intonation | File name |
|------------------------------------------------|----------------|-------------------|-----------|
| vijfhonderd                                    | five-hundred   | flat              | nld148    |
|                                                |                | rising            | nld149    |
|                                                |                | falling           | nld150    |
| zeshonderd                                     | six-hundred    | flat              | nld152    |
|                                                |                | rising            | nld153    |
|                                                |                | falling           | nld154    |
| zevenhonderd                                   | seven-hundred  | flat              | nld156    |
|                                                |                | rising            | nld157    |
|                                                |                | falling           | nld158    |
| achthonderd                                    | eight-hundred  | flat              | nld160    |
|                                                |                | rising            | nld161    |
|                                                |                | falling           | nld162    |
| negenhonderd                                   | nine-hundred   | flat              | nld164    |
|                                                |                | rising            | nld165    |
|                                                |                | falling           | nld166    |
| duizend                                        | thousand       | flat              | nld496    |
|                                                |                | rising            | nld497    |
|                                                |                | falling           | nld498    |
| duizend                                        | one-thousand   | flat              | nld172    |
|                                                |                | rising            | nld173    |
|                                                |                | falling           | nld174    |
| tweeduizend                                    | two-thousand   | flat              | nld176    |
|                                                |                | rising            | nld177    |
|                                                |                | falling           | nld178    |
| drieduizend                                    | three-thousand | flat              | nld180    |
|                                                |                | rising            | nld181    |
|                                                |                | falling           | nld182    |

## Netherlands Dutch audio (Sheet 6 of 27)

| Netherlands Dutch phrase or English equivalent | English        | Phrase intonation | File name |
|------------------------------------------------|----------------|-------------------|-----------|
| vierduizend                                    | four-thousand  | flat              | nld184    |
|                                                |                | rising            | nld185    |
|                                                |                | falling           | nld186    |
| vijfduizend                                    | five-thousand  | flat              | nld188    |
|                                                |                | rising            | nld189    |
|                                                |                | falling           | nld190    |
| zesduizend                                     | six-thousand   | flat              | nld192    |
|                                                |                | rising            | nld193    |
|                                                |                | falling           | nld194    |
| zevenduizend                                   | seven-thousand | flat              | nld196    |
|                                                |                | rising            | nld197    |
|                                                |                | falling           | nld198    |
| achtduizend                                    | eight-thousand | flat              | nld200    |
|                                                |                | rising            | nld201    |
|                                                |                | falling           | nld202    |
| negenduizend                                   | nine-thousand  | flat              | nld204    |
|                                                |                | rising            | nld205    |
|                                                |                | falling           | nld206    |
| miljoen                                        | million        | flat              | nld500    |
|                                                |                | rising            | nld501    |
|                                                |                | falling           | nld502    |
| Billion/Millarde                               | billion        | flat              | nld504    |
|                                                |                | rising            | nld505    |
|                                                |                | falling           | nld506    |
| eeenen                                         | "1 and"        | flat              | nld1508   |
|                                                |                | rising            | nld1509   |
|                                                |                | falling           | nld1510   |

## Netherlands Dutch audio (Sheet 7 of 27)

| Netherlands Dutch phrase or English equivalent | English | Phrase intonation | File name |
|------------------------------------------------|---------|-------------------|-----------|
| tweeen                                         | "2 and" | flat              | nld1512   |
|                                                |         | rising            | nld1513   |
|                                                |         | falling           | nld1514   |
| drieen                                         | "3 and" | flat              | nld1516   |
|                                                |         | rising            | nld1517   |
|                                                |         | falling           | nld1518   |
| vieren                                         | "4 and" | flat              | nld1520   |
|                                                |         | rising            | nld1521   |
|                                                |         | falling           | nld1522   |
| vijfen                                         | "5 and" | flat              | nld1524   |
|                                                |         | rising            | nld1525   |
|                                                |         | falling           | nld1526   |
| zesen                                          | "6 and" | flat              | nld1528   |
|                                                |         | rising            | nld1529   |
|                                                |         | falling           | nld1530   |
| zevenen                                        | "7 and" | flat              | nld1532   |
|                                                |         | rising            | nld1533   |
|                                                |         | falling           | nld1534   |
| achten                                         | "8 and" | flat              | nld1536   |
|                                                |         | rising            | nld1537   |
|                                                |         | falling           | nld1538   |
| negenen                                        | "9 and" | flat              | nld1540   |
|                                                |         | rising            | nld1541   |
|                                                |         | falling           | nld1542   |
| optional                                       | a       | flat              | nld508    |
|                                                |         | rising            | nld509    |
|                                                |         | falling           | nld510    |

## Netherlands Dutch audio (Sheet 8 of 27)

| Netherlands Dutch phrase or English equivalent | English | Phrase intonation | File name |
|------------------------------------------------|---------|-------------------|-----------|
| optional                                       | b       | flat              | nld512    |
|                                                |         | rising            | nld513    |
|                                                |         | falling           | nld514    |
| optional                                       | c       | flat              | nld516    |
|                                                |         | rising            | nld517    |
|                                                |         | falling           | nld518    |
| optional                                       | d       | flat              | nld520    |
|                                                |         | rising            | nld521    |
|                                                |         | falling           | nld522    |
| optional                                       | e       | flat              | nld524    |
|                                                |         | rising            | nld525    |
|                                                |         | falling           | nld526    |
| optional                                       | f       | flat              | nld528    |
|                                                |         | rising            | nld529    |
|                                                |         | falling           | nld530    |
| optional                                       | g       | flat              | nld532    |
|                                                |         | rising            | nld533    |
|                                                |         | falling           | nld534    |
| optional                                       | h       | flat              | nld536    |
|                                                |         | rising            | nld537    |
|                                                |         | falling           | nld538    |
| optional                                       | i       | flat              | nld540    |
|                                                |         | rising            | nld541    |
|                                                |         | falling           | nld542    |
| optional                                       | j       | flat              | nld544    |
|                                                |         | rising            | nld545    |
|                                                |         | falling           | nld546    |

## Netherlands Dutch audio (Sheet 9 of 27)

| Netherlands Dutch phrase or English equivalent | English | Phrase intonation | File name |
|------------------------------------------------|---------|-------------------|-----------|
| optional                                       | k       | flat              | nld548    |
|                                                |         | rising            | nld549    |
|                                                |         | falling           | nld550    |
| optional                                       | l       | flat              | nld552    |
|                                                |         | rising            | nld553    |
|                                                |         | falling           | nld554    |
| optional                                       | m       | flat              | nld556    |
|                                                |         | rising            | nld557    |
|                                                |         | falling           | nld558    |
| optional                                       | n       | flat              | nld560    |
|                                                |         | rising            | nld561    |
|                                                |         | falling           | nld562    |
| optional                                       | o       | flat              | nld564    |
|                                                |         | rising            | nld565    |
|                                                |         | falling           | nld566    |
| optional                                       | p       | flat              | nld568    |
|                                                |         | rising            | nld569    |
|                                                |         | falling           | nld570    |
| optional                                       | q       | flat              | nld572    |
|                                                |         | rising            | nld573    |
|                                                |         | falling           | nld574    |
| optional                                       | r       | flat              | nld576    |
|                                                |         | rising            | nld577    |
|                                                |         | falling           | nld578    |
| optional                                       | s       | flat              | nld580    |
|                                                |         | rising            | nld581    |
|                                                |         | falling           | nld582    |

## Netherlands Dutch audio (Sheet 10 of 27)

| Netherlands Dutch phrase or English equivalent | English  | Phrase intonation | File name |
|------------------------------------------------|----------|-------------------|-----------|
| optional                                       | t        | flat              | nld584    |
|                                                |          | rising            | nld585    |
|                                                |          | falling           | nld586    |
| optional                                       | u        | flat              | nld588    |
|                                                |          | rising            | nld589    |
|                                                |          | falling           | nld590    |
| optional                                       | v        | flat              | nld592    |
|                                                |          | rising            | nld593    |
|                                                |          | falling           | nld594    |
| optional                                       | w        | flat              | nld596    |
|                                                |          | rising            | nld597    |
|                                                |          | falling           | nld598    |
| optional                                       | x        | flat              | nld600    |
|                                                |          | rising            | nld601    |
|                                                |          | falling           | nld602    |
| optional                                       | y        | flat              | nld604    |
|                                                |          | rising            | nld605    |
|                                                |          | falling           | nld606    |
| optional                                       | z        | flat              | nld608    |
|                                                |          | rising            | nld609    |
|                                                |          | falling           | nld610    |
| negatief                                       | negative | flat              | nld616    |
|                                                |          | rising            | nld617    |
|                                                |          | falling           | nld618    |
| en                                             | and      | flat              | nld620    |
|                                                |          | rising            | nld621    |
|                                                |          | falling           | nld622    |

## Netherlands Dutch audio (Sheet 11 of 27)

| Netherlands Dutch phrase or English equivalent | English  | Phrase intonation | File name |
|------------------------------------------------|----------|-------------------|-----------|
| uur                                            | hour     | flat              | nld624    |
|                                                |          | rising            | nld625    |
|                                                |          | falling           | nld626    |
| ren                                            | hours    | flat              | nld628    |
|                                                |          | rising            | nld629    |
|                                                |          | falling           | nld630    |
| minuut                                         | minute   | flat              | nld632    |
|                                                |          | rising            | nld633    |
|                                                |          | falling           | nld634    |
| minuten                                        | minutes  | flat              | nld636    |
|                                                |          | rising            | nld637    |
|                                                |          | falling           | nld638    |
| seconde                                        | second   | flat              | nld640    |
|                                                |          | rising            | nld641    |
|                                                |          | falling           | nld642    |
| seconden                                       | seconds  | flat              | nld644    |
|                                                |          | rising            | nld645    |
|                                                |          | falling           | nld646    |
| januari                                        | January  | flat              | nld648    |
|                                                |          | rising            | nld649    |
|                                                |          | falling           | nld650    |
| februari                                       | February | flat              | nld652    |
|                                                |          | rising            | nld653    |
|                                                |          | falling           | nld654    |
| maart                                          | March    | flat              | nld656    |
|                                                |          | rising            | nld657    |
|                                                |          | falling           | nld658    |

## Netherlands Dutch audio (Sheet 12 of 27)

| Netherlands Dutch phrase or English equivalent | English   | Phrase intonation | File name |
|------------------------------------------------|-----------|-------------------|-----------|
| april                                          | April     | flat              | nld660    |
|                                                |           | rising            | nld661    |
|                                                |           | falling           | nld662    |
| mei                                            | May       | flat              | nld664    |
|                                                |           | rising            | nld665    |
|                                                |           | falling           | nld666    |
| juni                                           | June      | flat              | nld668    |
|                                                |           | rising            | nld669    |
|                                                |           | falling           | nld670    |
| juli                                           | July      | flat              | nld672    |
|                                                |           | rising            | nld673    |
|                                                |           | falling           | nld674    |
| augustus                                       | August    | flat              | nld676    |
|                                                |           | rising            | nld677    |
|                                                |           | falling           | nld678    |
| september                                      | September | flat              | nld680    |
|                                                |           | rising            | nld681    |
|                                                |           | falling           | nld682    |
| oktober                                        | October   | flat              | nld684    |
|                                                |           | rising            | nld685    |
|                                                |           | falling           | nld686    |
| november                                       | November  | flat              | nld688    |
|                                                |           | rising            | nld689    |
|                                                |           | falling           | nld690    |
| december                                       | December  | flat              | nld692    |
|                                                |           | rising            | nld693    |
|                                                |           | falling           | nld694    |

**Netherlands Dutch audio (Sheet 13 of 27)**

| <b>Netherlands Dutch phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------------------|-----------------|--------------------------|------------------|
| zondag                                                | Sunday          | flat                     | nld696           |
|                                                       |                 | rising                   | nld697           |
|                                                       |                 | falling                  | nld698           |
| maandag                                               | Monday          | flat                     | nld700           |
|                                                       |                 | rising                   | nld701           |
|                                                       |                 | falling                  | nld702           |
| dinsdag                                               | Tuesday         | flat                     | nld704           |
|                                                       |                 | rising                   | nld705           |
|                                                       |                 | falling                  | nld706           |
| woensdag                                              | Wednesday       | flat                     | nld708           |
|                                                       |                 | rising                   | nld709           |
|                                                       |                 | falling                  | nld710           |
| donderdag                                             | Thursday        | flat                     | nld712           |
|                                                       |                 | rising                   | nld713           |
|                                                       |                 | falling                  | nld714           |
| vrijdag                                               | Friday          | flat                     | nld716           |
|                                                       |                 | rising                   | nld717           |
|                                                       |                 | falling                  | nld718           |
| zaterdag                                              | Saturday        | flat                     | nld720           |
|                                                       |                 | rising                   | nld721           |
|                                                       |                 | falling                  | nld722           |
| eerste                                                | first<br>(masc) | flat                     | nld728           |
|                                                       |                 | rising                   | nld729           |
|                                                       |                 | falling                  | nld730           |
| tweede                                                | second          | flat                     | nld732           |
|                                                       |                 | rising                   | nld733           |
|                                                       |                 | falling                  | nld734           |

## Netherlands Dutch audio (Sheet 14 of 27)

| Netherlands Dutch phrase or English equivalent | English  | Phrase intonation | File name |
|------------------------------------------------|----------|-------------------|-----------|
| derde                                          | third    | flat              | nld736    |
|                                                |          | rising            | nld737    |
|                                                |          | falling           | nld738    |
| vierde                                         | fourth   | flat              | nld740    |
|                                                |          | rising            | nld741    |
|                                                |          | falling           | nld742    |
| vijfde                                         | fifth    | flat              | nld744    |
|                                                |          | rising            | nld745    |
|                                                |          | falling           | nld746    |
| zesde                                          | sixth    | flat              | nld748    |
|                                                |          | rising            | nld749    |
|                                                |          | falling           | nld750    |
| zevende                                        | seventh  | flat              | nld752    |
|                                                |          | rising            | nld753    |
|                                                |          | falling           | nld754    |
| achtste                                        | eighth   | flat              | nld756    |
|                                                |          | rising            | nld757    |
|                                                |          | falling           | nld758    |
| negende                                        | ninth    | flat              | nld760    |
|                                                |          | rising            | nld761    |
|                                                |          | falling           | nld762    |
| tiende                                         | tenth    | flat              | nld764    |
|                                                |          | rising            | nld765    |
|                                                |          | falling           | nld766    |
| elfde                                          | eleventh | flat              | nld768    |
|                                                |          | rising            | nld769    |
|                                                |          | falling           | nld770    |

## Netherlands Dutch audio (Sheet 15 of 27)

| Netherlands Dutch phrase or English equivalent | English     | Phrase intonation | File name |
|------------------------------------------------|-------------|-------------------|-----------|
| twaalfde                                       | twelfth     | flat              | nld772    |
|                                                |             | rising            | nld773    |
|                                                |             | falling           | nld774    |
| dertiede                                       | thirteenth  | flat              | nld776    |
|                                                |             | rising            | nld777    |
|                                                |             | falling           | nld778    |
| veertiende                                     | fourteenth  | flat              | nld780    |
|                                                |             | rising            | nld781    |
|                                                |             | falling           | nld782    |
| vijftiede                                      | fifteenth   | flat              | nld784    |
|                                                |             | rising            | nld785    |
|                                                |             | falling           | nld786    |
| zestiende                                      | sixteenth   | flat              | nld788    |
|                                                |             | rising            | nld789    |
|                                                |             | falling           | nld790    |
| zeventiende                                    | seventeenth | flat              | nld792    |
|                                                |             | rising            | nld793    |
|                                                |             | falling           | nld794    |
| achttiende                                     | eighteenth  | flat              | nld796    |
|                                                |             | rising            | nld797    |
|                                                |             | falling           | nld798    |
| negentiende                                    | nineteenth  | flat              | nld800    |
|                                                |             | rising            | nld801    |
|                                                |             | falling           | nld802    |
| twintigste                                     | twentieth   | flat              | nld804    |
|                                                |             | rising            | nld805    |
|                                                |             | falling           | nld806    |

## Netherlands Dutch audio (Sheet 16 of 27)

| Netherlands Dutch phrase or English equivalent | English       | Phrase intonation | File name |
|------------------------------------------------|---------------|-------------------|-----------|
| dertigste                                      | thirtieth     | flat              | nld808    |
|                                                |               | rising            | nld809    |
|                                                |               | falling           | nld810    |
| veertigste                                     | fortieth      | flat              | nld812    |
|                                                |               | rising            | nld813    |
|                                                |               | falling           | nld814    |
| vijftigste                                     | fiftieth      | flat              | nld816    |
|                                                |               | rising            | nld817    |
|                                                |               | falling           | nld818    |
| zestigste                                      | sixtieth      | flat              | nld820    |
|                                                |               | rising            | nld821    |
|                                                |               | falling           | nld822    |
| zeventigste                                    | seventieth    | flat              | nld824    |
|                                                |               | rising            | nld825    |
|                                                |               | falling           | nld826    |
| tachtigste                                     | eightieth     | flat              | nld828    |
|                                                |               | rising            | nld829    |
|                                                |               | falling           | nld830    |
| negentigste                                    | ninetieth     | flat              | nld832    |
|                                                |               | rising            | nld833    |
|                                                |               | falling           | nld834    |
| honderdste                                     | one-hundredth | flat              | nld836    |
|                                                |               | rising            | nld837    |
|                                                |               | falling           | nld838    |
| tweehonderdste                                 | two-hundredth | flat              | nld840    |
|                                                |               | rising            | nld841    |
|                                                |               | falling           | nld842    |

## Netherlands Dutch audio (Sheet 17 of 27)

| Netherlands Dutch phrase or English equivalent | English         | Phrase intonation | File name |
|------------------------------------------------|-----------------|-------------------|-----------|
| driehonderdste                                 | three-hundredth | flat              | nld844    |
|                                                |                 | rising            | nld845    |
|                                                |                 | falling           | nld846    |
| vierhonderdste                                 | four-hundredth  | flat              | nld848    |
|                                                |                 | rising            | nld849    |
|                                                |                 | falling           | nld850    |
| vijfhonderdste                                 | five-hundredth  | flat              | nld852    |
|                                                |                 | rising            | nld853    |
|                                                |                 | falling           | nld854    |
| zeshonderdste                                  | six-hundredth   | flat              | nld856    |
|                                                |                 | rising            | nld857    |
|                                                |                 | falling           | nld858    |
| zevenhonderdste                                | seven-hundredth | flat              | nld860    |
|                                                |                 | rising            | nld861    |
|                                                |                 | falling           | nld862    |
| achthonderdste                                 | eight-hundredth | flat              | nld864    |
|                                                |                 | rising            | nld865    |
|                                                |                 | falling           | nld866    |
| negenhonderdste                                | nine-hundredth  | flat              | nld868    |
|                                                |                 | rising            | nld869    |
|                                                |                 | falling           | nld870    |
| duizendste                                     | thousandth      | flat              | nld872    |
|                                                |                 | rising            | nld873    |
|                                                |                 | falling           | nld874    |
| duizend                                        | one-thousandth  | flat              | nld1548   |
|                                                |                 | rising            | nld1549   |
|                                                |                 | falling           | nld1550   |

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| Netherlands Dutch phrase or English equivalent | English          | Phrase intonation | File name |
|------------------------------------------------|------------------|-------------------|-----------|
| tweeduizend                                    | two-thousandth   | flat              | nld1552   |
|                                                |                  | rising            | nld1553   |
|                                                |                  | falling           | nld1554   |
| drieduizend                                    | three-thousandth | flat              | nld1556   |
|                                                |                  | rising            | nld1557   |
|                                                |                  | falling           | nld1558   |
| vierduizend                                    | four-thousandth  | flat              | nld1560   |
|                                                |                  | rising            | nld1561   |
|                                                |                  | falling           | nld1562   |
| vijfduizend                                    | five-thousandth  | flat              | nld1564   |
|                                                |                  | rising            | nld1565   |
|                                                |                  | falling           | nld1566   |
| zesduizend                                     | six-thousandth   | flat              | nld1568   |
|                                                |                  | rising            | nld1569   |
|                                                |                  | falling           | nld1570   |
| zevenduizend                                   | seven-thousandth | flat              | nld1572   |
|                                                |                  | rising            | nld1573   |
|                                                |                  | falling           | nld1574   |
| achtduizend                                    | eight-thousandth | flat              | nld1576   |
|                                                |                  | rising            | nld1577   |
|                                                |                  | falling           | nld1578   |
| negenduizend                                   | nine-thousandth  | flat              | nld1580   |
|                                                |                  | rising            | nld1581   |
|                                                |                  | falling           | nld1582   |
| miljoenste                                     | millionth        | flat              | nld880    |
|                                                |                  | rising            | nld881    |
|                                                |                  | falling           | nld882    |

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| <b>Netherlands Dutch phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------------------|----------------|--------------------------|------------------|
| miljardste                                            |                | flat                     | nld888           |
|                                                       |                | rising                   | nld889           |
|                                                       |                | falling                  | nld890           |
| pond                                                  | pound sign (#) | flat                     | nld896           |
|                                                       |                | rising                   | nld897           |
|                                                       |                | falling                  | nld898           |
| ster                                                  | asterisk (*)   | flat                     | nld900           |
|                                                       |                | rising                   | nld901           |
|                                                       |                | falling                  | nld902           |
| a.m.                                                  | a.m.           | flat                     | nld908           |
|                                                       |                | rising                   | nld909           |
|                                                       |                | falling                  | nld910           |
| p.m.                                                  | p.m.           | flat                     | nld912           |
|                                                       |                | rising                   | nld913           |
|                                                       |                | falling                  | nld914           |
| Dollar                                                | dollar (US)    | flat                     | nld1200          |
|                                                       |                | rising                   | nld1201          |
|                                                       |                | falling                  | nld1202          |
| Dollars                                               | dollars (US)   | flat                     | nld1204          |
|                                                       |                | rising                   | nld1205          |
|                                                       |                | falling                  | nld1206          |
| Cent                                                  | cent (US)      | flat                     | nld1208          |
|                                                       |                | rising                   | nld1209          |
|                                                       |                | falling                  | nld1210          |
| Cents                                                 | cents (US)     | flat                     | nld1212          |
|                                                       |                | rising                   | nld1213          |
|                                                       |                | falling                  | nld1214          |

## Netherlands Dutch audio (Sheet 20 of 27)

| Netherlands Dutch phrase or English equivalent | English                  | Phrase intonation | File name |
|------------------------------------------------|--------------------------|-------------------|-----------|
| mark                                           | mark<br>(Germany)        | flat              | nld1216   |
|                                                |                          | rising            | nld1217   |
|                                                |                          | falling           | nld1218   |
| marks                                          | marks<br>(Germany)       | flat              | nld1220   |
|                                                |                          | rising            | nld1221   |
|                                                |                          | falling           | nld1222   |
| pfennig                                        | pfennig<br>(Germany)     | flat              | nld1224   |
|                                                |                          | rising            | nld1225   |
|                                                |                          | falling           | nld1226   |
| pfennigs                                       | pfennigs<br>(Germany)    | flat              | nld1228   |
|                                                |                          | rising            | nld1229   |
|                                                |                          | falling           | nld1230   |
| yen                                            | yen<br>(Japan)           | flat              | nld1232   |
|                                                |                          | rising            | nld1233   |
|                                                |                          | falling           | nld1234   |
| yens                                           | yens<br>(Japan)          | flat              | nld1236   |
|                                                |                          | rising            | nld1237   |
|                                                |                          | falling           | nld1238   |
| lira                                           | lira<br>(Italy)          | flat              | nld1240   |
|                                                |                          | rising            | nld1241   |
|                                                |                          | falling           | nld1242   |
| lire                                           | liras<br>(Italy)         | flat              | nld1244   |
|                                                |                          | rising            | nld1245   |
|                                                |                          | falling           | nld1246   |
| guilder                                        | guilder<br>(Netherlands) | flat              | nld1248   |
|                                                |                          | rising            | nld1249   |
|                                                |                          | falling           | nld1250   |

## Netherlands Dutch audio (Sheet 21 of 27)

| <b>Netherlands Dutch phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------------------|---------------------------|--------------------------|------------------|
| guilders                                              | guilders<br>(Netherlands) | flat                     | nld1252          |
|                                                       |                           | rising                   | nld1253          |
|                                                       |                           | falling                  | nld1254          |
| cent                                                  | cent<br>(Netherlands)     | flat                     | nld1256          |
|                                                       |                           | rising                   | nld1257          |
|                                                       |                           | falling                  | nld1258          |
| cent                                                  | cents<br>(Netherlands)    | flat                     | nld1260          |
|                                                       |                           | rising                   | nld1261          |
|                                                       |                           | falling                  | nld1262          |
| pound                                                 | pound<br>(UK)             | flat                     | nld1264          |
|                                                       |                           | rising                   | nld1265          |
|                                                       |                           | falling                  | nld1266          |
| pounds                                                | pounds<br>(UK)            | flat                     | nld1268          |
|                                                       |                           | rising                   | nld1269          |
|                                                       |                           | falling                  | nld1270          |
| penny                                                 | penny<br>(UK)             | flat                     | nld1272          |
|                                                       |                           | rising                   | nld1273          |
|                                                       |                           | falling                  | nld1274          |
| pence                                                 | pence<br>(UK)             | flat                     | nld1276          |
|                                                       |                           | rising                   | nld1277          |
|                                                       |                           | falling                  | nld1278          |
| euro                                                  | euro<br>(Euro)            | flat                     | nld1280          |
|                                                       |                           | rising                   | nld1281          |
|                                                       |                           | falling                  | nld1282          |
| euros                                                 | euros<br>(Euro)           | flat                     | nld1284          |
|                                                       |                           | rising                   | nld1285          |
|                                                       |                           | falling                  | nld1286          |

## Netherlands Dutch audio (Sheet 22 of 27)

| <b>Netherlands Dutch phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------------------|-----------------------|--------------------------|------------------|
| eurocent                                              | eurocent<br>(Euro)    | flat                     | nld1288          |
|                                                       |                       | rising                   | nld1289          |
|                                                       |                       | falling                  | nld1290          |
| eurocents                                             | eurocents<br>(Euro)   | flat                     | nld1292          |
|                                                       |                       | rising                   | nld1293          |
|                                                       |                       | falling                  | nld1294          |
| franc                                                 | franc<br>(France)     | flat                     | nld1296          |
|                                                       |                       | rising                   | nld1297          |
|                                                       |                       | falling                  | nld1298          |
| francs                                                | francs<br>(France)    | flat                     | nld1300          |
|                                                       |                       | rising                   | nld1301          |
|                                                       |                       | falling                  | nld1302          |
| centime                                               | centime<br>(France)   | flat                     | nld1304          |
|                                                       |                       | rising                   | nld1305          |
|                                                       |                       | falling                  | nld1306          |
| centimes                                              | centimes<br>(France)  | flat                     | nld1308          |
|                                                       |                       | rising                   | nld1309          |
|                                                       |                       | falling                  | nld1310          |
| peseta                                                | peseta<br>(Spain)     | flat                     | nld1312          |
|                                                       |                       | rising                   | nld1313          |
|                                                       |                       | falling                  | nld1314          |
| pesetas                                               | pesetas<br>(Spain)    | flat                     | nld1316          |
|                                                       |                       | rising                   | nld1317          |
|                                                       |                       | falling                  | nld1318          |
| peso                                                  | peso<br>(Philippines) | flat                     | nld1328          |
|                                                       |                       | rising                   | nld1329          |
|                                                       |                       | falling                  | nld1330          |

## Netherlands Dutch audio (Sheet 23 of 27)

| Netherlands Dutch phrase or English equivalent | English                   | Phrase intonation | File name |
|------------------------------------------------|---------------------------|-------------------|-----------|
| pesos                                          | pesos<br>(Philippines)    | flat              | nld1332   |
|                                                |                           | rising            | nld1333   |
|                                                |                           | falling           | nld1334   |
| centavo                                        | centavo<br>(Philippines)  | flat              | nld1336   |
|                                                |                           | rising            | nld1337   |
|                                                |                           | falling           | nld1338   |
| centavos                                       | centavos<br>(Philippines) | flat              | nld1340   |
|                                                |                           | rising            | nld1341   |
|                                                |                           | falling           | nld1342   |
| ringgit                                        | ringgit<br>(Malaysia)     | flat              | nld1344   |
|                                                |                           | rising            | nld1345   |
|                                                |                           | falling           | nld1346   |
| ringgits                                       | ringgits<br>(Malaysia)    | flat              | nld1348   |
|                                                |                           | rising            | nld1349   |
|                                                |                           | falling           | nld1350   |
| sen                                            | sen<br>(Malaysia)         | flat              | nld1352   |
|                                                |                           | rising            | nld1353   |
|                                                |                           | falling           | nld1354   |
| sens                                           | sens<br>(Malaysia)        | flat              | nld1356   |
|                                                |                           | rising            | nld1357   |
|                                                |                           | falling           | nld1358   |
| baht                                           | baht<br>(Thailand)        | flat              | nld1360   |
|                                                |                           | rising            | nld1361   |
|                                                |                           | falling           | nld1362   |
| bahts                                          | bahts<br>(Thailand)       | flat              | nld1364   |
|                                                |                           | rising            | nld1365   |
|                                                |                           | falling           | nld1366   |

## Netherlands Dutch audio (Sheet 24 of 27)

| <b>Netherlands Dutch phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------------------|-----------------------|--------------------------|------------------|
| satang                                                | satang<br>(Thailand)  | flat                     | nld1368          |
|                                                       |                       | rising                   | nld1369          |
|                                                       |                       | falling                  | nld1370          |
| satangs                                               | satangs<br>(Thailand) | flat                     | nld1372          |
|                                                       |                       | rising                   | nld1373          |
|                                                       |                       | falling                  | nld1374          |
| won                                                   | won<br>(Korea)        | flat                     | nld1376          |
|                                                       |                       | rising                   | nld1377          |
|                                                       |                       | falling                  | nld1378          |
| wons                                                  | wons<br>(Korea)       | flat                     | nld1380          |
|                                                       |                       | rising                   | nld1381          |
|                                                       |                       | falling                  | nld1382          |
| franc                                                 | franc<br>(Belgium)    | flat                     | nld1384          |
|                                                       |                       | rising                   | nld1385          |
|                                                       |                       | falling                  | nld1386          |
| francs                                                | francs<br>(Belgium)   | flat                     | nld1388          |
|                                                       |                       | rising                   | nld1389          |
|                                                       |                       | falling                  | nld1390          |
| centime                                               | centime<br>(Belgium)  | flat                     | nld1392          |
|                                                       |                       | rising                   | nld1393          |
|                                                       |                       | falling                  | nld1394          |
| centimes                                              | centimes<br>(Belgium) | flat                     | nld1396          |
|                                                       |                       | rising                   | nld1397          |
|                                                       |                       | falling                  | nld1398          |
| dollar                                                | dollar<br>(Canada)    | flat                     | nld1400          |
|                                                       |                       | rising                   | nld1401          |
|                                                       |                       | falling                  | nld1402          |

## Netherlands Dutch audio (Sheet 25 of 27)

| Netherlands Dutch phrase or English equivalent | English                | Phrase intonation | File name |
|------------------------------------------------|------------------------|-------------------|-----------|
| dollars                                        | dollars<br>(Canada)    | flat              | nld1404   |
|                                                |                        | rising            | nld1405   |
|                                                |                        | falling           | nld1406   |
| cent                                           | cent<br>(Canada)       | flat              | nld1408   |
|                                                |                        | rising            | nld1409   |
|                                                |                        | falling           | nld1410   |
| cents                                          | cents<br>(Canada)      | flat              | nld1412   |
|                                                |                        | rising            | nld1413   |
|                                                |                        | falling           | nld1414   |
| dollar                                         | dollar<br>(Hong Kong)  | flat              | nld1416   |
|                                                |                        | rising            | nld1417   |
|                                                |                        | falling           | nld1418   |
| dollars                                        | dollars<br>(Hong Kong) | flat              | nld1420   |
|                                                |                        | rising            | nld1421   |
|                                                |                        | falling           | nld1422   |
| cent                                           | cent<br>(Hong Kong)    | flat              | nld1424   |
|                                                |                        | rising            | nld1425   |
|                                                |                        | falling           | nld1426   |
| cents                                          | cents<br>(Hong Kong)   | flat              | nld1428   |
|                                                |                        | rising            | nld1429   |
|                                                |                        | falling           | nld1430   |
| Gok                                            | gok<br>(Hong Kong)     | flat              | nld1488   |
|                                                |                        | rising            | nld1489   |
|                                                |                        | falling           | nld1490   |
| Goks                                           | goks<br>(Hong Kong)    | flat              | nld1492   |
|                                                |                        | rising            | nld1493   |
|                                                |                        | falling           | nld1494   |

## Netherlands Dutch audio (Sheet 26 of 27)

| Netherlands Dutch phrase or English equivalent | English                | Phrase intonation | File name |
|------------------------------------------------|------------------------|-------------------|-----------|
| escudo                                         | escudo<br>(Portugal)   | flat              | nld1432   |
|                                                |                        | rising            | nld1433   |
|                                                |                        | falling           | nld1434   |
| escudos                                        | escudos<br>(Portugal)  | flat              | nld1436   |
|                                                |                        | rising            | nld1437   |
|                                                |                        | falling           | nld1438   |
| centavo                                        | centavo<br>(Portugal)  | flat              | nld1440   |
|                                                |                        | rising            | nld1441   |
|                                                |                        | falling           | nld1442   |
| centavos                                       | centavos<br>(Portugal) | flat              | nld1444   |
|                                                |                        | rising            | nld1445   |
|                                                |                        | falling           | nld1446   |
| yuan                                           | yuan<br>(China)        | flat              | nld1448   |
|                                                |                        | rising            | nld1449   |
|                                                |                        | falling           | nld1450   |
| yuans                                          | yuans<br>(China)       | flat              | nld1452   |
|                                                |                        | rising            | nld1453   |
|                                                |                        | falling           | nld1454   |
| jiao                                           | jiao<br>(China)        | flat              | nld1456   |
|                                                |                        | rising            | nld1457   |
|                                                |                        | falling           | nld1458   |
| jiaos                                          | jiaos<br>(China)       | flat              | nld1460   |
|                                                |                        | rising            | nld1461   |
|                                                |                        | falling           | nld1462   |
| fen                                            | fen<br>(China)         | flat              | nld1464   |
|                                                |                        | rising            | nld1465   |
|                                                |                        | falling           | nld1466   |

**Netherlands Dutch audio (Sheet 27 of 27)**

| <b>Netherlands Dutch phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|-------------------------------------------------------|---------------------|--------------------------|------------------|
| fens                                                  | fens<br>(China)     | flat                     | nld1468          |
|                                                       |                     | rising                   | nld1469          |
|                                                       |                     | falling                  | nld1470          |
| pound                                                 | pound<br>(Ireland)  | flat                     | nld1472          |
|                                                       |                     | rising                   | nld1473          |
|                                                       |                     | falling                  | nld1474          |
| pounds                                                | pounds<br>(Ireland) | flat                     | nld1476          |
|                                                       |                     | rising                   | nld1477          |
|                                                       |                     | falling                  | nld1478          |
| penny                                                 | penny<br>(Ireland)  | flat                     | nld1480          |
|                                                       |                     | rising                   | nld1481          |
|                                                       |                     | falling                  | nld1482          |
| pence                                                 | pence<br>(Ireland)  | flat                     | nld1484          |
|                                                       |                     | rising                   | nld1485          |
|                                                       |                     | falling                  | nld1486          |

## Portuguese audio files

**Note 1:** Use audio file names por508-por610 for the multilanguage strings functionality. Recording of this audio is optional and the content of the recording can be any word. This audio is only required when the string functionality is used.

**Note 2:** Only record audio file names por728-por890, por964-por1082, and por1500-por1738 if the user provisions ordinal numbers on the system. The ordinal values for numbers less than three are used in applications (date) and are required unless otherwise specified.

**Note 3:** Portuguese often use the 24-hour format. por908-por914 are equivalent to the English a.m. and p.m.

**Note 4:** Only record audio file names por1200-por1486 if the user provisions audio for this currency.

### Portuguese audio (Sheet 1 of 34)

| Portuguese phrase or English equivalent | English | Phrase intonation | File name |
|-----------------------------------------|---------|-------------------|-----------|
| zero                                    | zero    | flat              | por0      |
|                                         |         | rising            | por1      |
|                                         |         | falling           | por2      |
| um                                      | one     | flat              | por8      |
|                                         |         | rising            | por9      |
|                                         |         | falling           | por10     |
| dois                                    | two     | flat              | por12     |
|                                         |         | rising            | por13     |
|                                         |         | falling           | por14     |
| tres                                    | three   | flat              | por16     |
|                                         |         | rising            | por17     |
|                                         |         | falling           | por18     |

**Portuguese audio (Sheet 2 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| quatro                                         | four           | flat                     | por20            |
|                                                |                | rising                   | por21            |
|                                                |                | falling                  | por22            |
| cinco                                          | five           | flat                     | por24            |
|                                                |                | rising                   | por25            |
|                                                |                | falling                  | por26            |
| seis                                           | six            | flat                     | por28            |
|                                                |                | rising                   | por29            |
|                                                |                | falling                  | por30            |
| sete                                           | seven          | flat                     | por32            |
|                                                |                | rising                   | por33            |
|                                                |                | falling                  | por34            |
| oito                                           | eight          | flat                     | por36            |
|                                                |                | rising                   | por37            |
|                                                |                | falling                  | por38            |
| nove                                           | nine           | flat                     | por40            |
|                                                |                | rising                   | por41            |
|                                                |                | falling                  | por42            |
| dez                                            | ten            | flat                     | por56            |
|                                                |                | rising                   | por57            |
|                                                |                | falling                  | por58            |
| onze                                           | eleven         | flat                     | por60            |
|                                                |                | rising                   | por61            |
|                                                |                | falling                  | por62            |
| doze                                           | twelve         | flat                     | por64            |
|                                                |                | rising                   | por65            |
|                                                |                | falling                  | por66            |

**Portuguese audio (Sheet 3 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| treze                                          | thirteen       | flat                     | por68            |
|                                                |                | rising                   | por69            |
|                                                |                | falling                  | por70            |
| quatorze                                       | fourteen       | flat                     | por72            |
|                                                |                | rising                   | por73            |
|                                                |                | falling                  | por74            |
| quinze                                         | fifteen        | flat                     | por76            |
|                                                |                | rising                   | por77            |
|                                                |                | falling                  | por78            |
| dezeseis                                       | sixteen        | flat                     | por80            |
|                                                |                | rising                   | por81            |
|                                                |                | falling                  | por82            |
| dezessete                                      | seventeen      | flat                     | por84            |
|                                                |                | rising                   | por85            |
|                                                |                | falling                  | por86            |
| dezoito                                        | eighteen       | flat                     | por88            |
|                                                |                | rising                   | por89            |
|                                                |                | falling                  | por90            |
| dezenove                                       | nineteen       | flat                     | por92            |
|                                                |                | rising                   | por93            |
|                                                |                | falling                  | por94            |
| vinte                                          | twenty         | flat                     | por96            |
|                                                |                | rising                   | por97            |
|                                                |                | falling                  | por98            |
| trinta                                         | thirty         | flat                     | por100           |
|                                                |                | rising                   | por101           |
|                                                |                | falling                  | por102           |

**Portuguese audio (Sheet 4 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| quarenta                                       | forty          | flat                     | por104           |
|                                                |                | rising                   | por105           |
|                                                |                | falling                  | por106           |
| cinquenta                                      | fifty          | flat                     | por108           |
|                                                |                | rising                   | por109           |
|                                                |                | falling                  | por110           |
| sessenta                                       | sixty          | flat                     | por112           |
|                                                |                | rising                   | por113           |
|                                                |                | falling                  | por114           |
| setenta                                        | seventy        | flat                     | por116           |
|                                                |                | rising                   | por117           |
|                                                |                | falling                  | por118           |
| oitenta                                        | eighty         | flat                     | por120           |
|                                                |                | rising                   | por121           |
|                                                |                | falling                  | por122           |
| noventa                                        | ninety         | flat                     | por124           |
|                                                |                | rising                   | por125           |
|                                                |                | falling                  | por126           |
| centos                                         | one-hundred    | flat                     | por132           |
|                                                |                | rising                   | por133           |
|                                                |                | falling                  | por134           |
| duzentos                                       | two-hundred    | flat                     | por136           |
|                                                |                | rising                   | por137           |
|                                                |                | falling                  | por138           |
| trezentos                                      | three-hundred  | flat                     | por140           |
|                                                |                | rising                   | por141           |
|                                                |                | falling                  | por142           |

**Portuguese audio (Sheet 5 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| quatrocentos                                   | four-hundred   | flat                     | por144           |
|                                                |                | rising                   | por145           |
|                                                |                | falling                  | por146           |
| quinhentos                                     | five-hundred   | flat                     | por148           |
|                                                |                | rising                   | por149           |
|                                                |                | falling                  | por150           |
| seiscentos                                     | six-hundred    | flat                     | por152           |
|                                                |                | rising                   | por153           |
|                                                |                | falling                  | por154           |
| setecentos                                     | seven-hundred  | flat                     | por156           |
|                                                |                | rising                   | por157           |
|                                                |                | falling                  | por158           |
| oitocentos                                     | eight-hundred  | flat                     | por160           |
|                                                |                | rising                   | por161           |
|                                                |                | falling                  | por162           |
| novecentos                                     | nine-hundred   | flat                     | por164           |
|                                                |                | rising                   | por165           |
|                                                |                | falling                  | por166           |
| mil                                            | one-thousand   | flat                     | por496           |
|                                                |                | rising                   | por497           |
|                                                |                | falling                  | por498           |
| milhao                                         | one-million    | flat                     | por500           |
|                                                |                | rising                   | por501           |
|                                                |                | falling                  | por502           |
| bilhao                                         | billion        | flat                     | por504           |
|                                                |                | rising                   | por505           |
|                                                |                | falling                  | por506           |

**Portuguese audio (Sheet 6 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| a                                              | a              | flat                     | por508           |
|                                                |                | rising                   | por509           |
|                                                |                | falling                  | por510           |
| b                                              | b              | flat                     | por512           |
|                                                |                | rising                   | por513           |
|                                                |                | falling                  | por514           |
| c                                              | c              | flat                     | por516           |
|                                                |                | rising                   | por517           |
|                                                |                | falling                  | por518           |
| d                                              | d              | flat                     | por520           |
|                                                |                | rising                   | por521           |
|                                                |                | falling                  | por522           |
| e                                              | e              | flat                     | por524           |
|                                                |                | rising                   | por525           |
|                                                |                | falling                  | por526           |
| f                                              | f              | flat                     | por528           |
|                                                |                | rising                   | por529           |
|                                                |                | falling                  | por530           |
| g                                              | g              | flat                     | por532           |
|                                                |                | rising                   | por533           |
|                                                |                | falling                  | por534           |
| h                                              | h              | flat                     | por536           |
|                                                |                | rising                   | por537           |
|                                                |                | falling                  | por538           |
| i                                              | i              | flat                     | por540           |
|                                                |                | rising                   | por541           |
|                                                |                | falling                  | por542           |

**Portuguese audio (Sheet 7 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| j                                              | j              | flat                     | por544           |
|                                                |                | rising                   | por545           |
|                                                |                | falling                  | por546           |
| k                                              | k              | flat                     | por548           |
|                                                |                | rising                   | por549           |
|                                                |                | falling                  | por550           |
| l                                              | l              | flat                     | por552           |
|                                                |                | rising                   | por553           |
|                                                |                | falling                  | por554           |
| m                                              | m              | flat                     | por556           |
|                                                |                | rising                   | por557           |
|                                                |                | falling                  | por558           |
| n                                              | n              | flat                     | por560           |
|                                                |                | rising                   | por561           |
|                                                |                | falling                  | por562           |
| o                                              | o              | flat                     | por564           |
|                                                |                | rising                   | por565           |
|                                                |                | falling                  | por566           |
| p                                              | p              | flat                     | por568           |
|                                                |                | rising                   | por569           |
|                                                |                | falling                  | por570           |
| q                                              | q              | flat                     | por572           |
|                                                |                | rising                   | por573           |
|                                                |                | falling                  | por574           |
| r                                              | r              | flat                     | por576           |
|                                                |                | rising                   | por577           |
|                                                |                | falling                  | por578           |

**Portuguese audio (Sheet 8 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| s                                              | s              | flat                     | por580           |
|                                                |                | rising                   | por581           |
|                                                |                | falling                  | por582           |
| t                                              | t              | flat                     | por584           |
|                                                |                | rising                   | por585           |
|                                                |                | falling                  | por586           |
| u                                              | u              | flat                     | por588           |
|                                                |                | rising                   | por589           |
|                                                |                | falling                  | por590           |
| v                                              | v              | flat                     | por592           |
|                                                |                | rising                   | por593           |
|                                                |                | falling                  | por594           |
| w                                              | w              | flat                     | por596           |
|                                                |                | rising                   | por597           |
|                                                |                | falling                  | por598           |
| x                                              | x              | flat                     | por600           |
|                                                |                | rising                   | por601           |
|                                                |                | falling                  | por602           |
| y                                              | y              | flat                     | por604           |
|                                                |                | rising                   | por605           |
|                                                |                | falling                  | por606           |
| z                                              | z              | flat                     | por608           |
|                                                |                | rising                   | por609           |
|                                                |                | falling                  | por610           |
| menos                                          | negative       | flat                     | por616           |
|                                                |                | rising                   | por617           |
|                                                |                | falling                  | por618           |

**Portuguese audio (Sheet 9 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| e                                              | and            | flat                     | por620           |
|                                                |                | rising                   | por621           |
|                                                |                | falling                  | por622           |
| hora                                           | hour           | flat                     | por624           |
|                                                |                | rising                   | por625           |
|                                                |                | falling                  | por626           |
| horas                                          | hours          | flat                     | por628           |
|                                                |                | rising                   | por629           |
|                                                |                | falling                  | por630           |
| minuto                                         | minute         | flat                     | por632           |
|                                                |                | rising                   | por633           |
|                                                |                | falling                  | por634           |
| minutos                                        | minutes        | flat                     | por636           |
|                                                |                | rising                   | por637           |
|                                                |                | falling                  | por638           |
| segundo                                        | second         | flat                     | por640           |
|                                                |                | rising                   | por641           |
|                                                |                | falling                  | por642           |
| segundos                                       | seconds        | flat                     | por644           |
|                                                |                | rising                   | por645           |
|                                                |                | falling                  | por646           |
| janeiro                                        | January        | flat                     | por648           |
|                                                |                | rising                   | por649           |
|                                                |                | falling                  | por650           |
| fevereiro                                      | February       | flat                     | por652           |
|                                                |                | rising                   | por653           |
|                                                |                | falling                  | por654           |

**Portuguese audio (Sheet 10 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| marco                                          | March          | flat                     | por656           |
|                                                |                | rising                   | por657           |
|                                                |                | falling                  | por658           |
| abril                                          | April          | flat                     | por660           |
|                                                |                | rising                   | por661           |
|                                                |                | falling                  | por662           |
| maio                                           | May            | flat                     | por664           |
|                                                |                | rising                   | por665           |
|                                                |                | falling                  | por666           |
| junho                                          | June           | flat                     | por668           |
|                                                |                | rising                   | por669           |
|                                                |                | falling                  | por670           |
| julho                                          | July           | flat                     | por672           |
|                                                |                | rising                   | por673           |
|                                                |                | falling                  | por674           |
| agosto                                         | August         | flat                     | por676           |
|                                                |                | rising                   | por677           |
|                                                |                | falling                  | por678           |
| setembro                                       | September      | flat                     | por680           |
|                                                |                | rising                   | por681           |
|                                                |                | falling                  | por682           |
| outubro                                        | October        | flat                     | por684           |
|                                                |                | rising                   | por685           |
|                                                |                | falling                  | por686           |
| novembro                                       | November       | flat                     | por688           |
|                                                |                | rising                   | por689           |
|                                                |                | falling                  | por690           |

**Portuguese audio (Sheet 11 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| dezembro                                       | December       | flat                     | por692           |
|                                                |                | rising                   | por693           |
|                                                |                | falling                  | por694           |
| domingo                                        | Sunday         | flat                     | por696           |
|                                                |                | rising                   | por697           |
|                                                |                | falling                  | por698           |
| segunda-feira                                  | Monday         | flat                     | por700           |
|                                                |                | rising                   | por701           |
|                                                |                | falling                  | por702           |
| terca-feira                                    | Tuesday        | flat                     | por704           |
|                                                |                | rising                   | por705           |
|                                                |                | falling                  | por706           |
| quarta-feira                                   | Wednesday      | flat                     | por708           |
|                                                |                | rising                   | por709           |
|                                                |                | falling                  | por710           |
| quinta-feira                                   | Thursday       | flat                     | por712           |
|                                                |                | rising                   | por713           |
|                                                |                | falling                  | por714           |
| sexta-feira                                    | Friday         | flat                     | por716           |
|                                                |                | rising                   | por717           |
|                                                |                | falling                  | por718           |
| sabado                                         | Saturday       | flat                     | por720           |
|                                                |                | rising                   | por721           |
|                                                |                | falling                  | por722           |
| primeriro                                      | first          | flat                     | por728           |
|                                                |                | rising                   | por729           |
|                                                |                | falling                  | por730           |

**Portuguese audio (Sheet 12 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| segundo                                        | second         | flat                     | por732           |
|                                                |                | rising                   | por733           |
|                                                |                | falling                  | por734           |
| terceiro                                       | third          | flat                     | por736           |
|                                                |                | rising                   | por737           |
|                                                |                | falling                  | por738           |
| quarto                                         | fourth         | flat                     | por740           |
|                                                |                | rising                   | por741           |
|                                                |                | falling                  | por742           |
| quinto                                         | fifth          | flat                     | por744           |
|                                                |                | rising                   | por745           |
|                                                |                | falling                  | por746           |
| sexto                                          | sixth          | flat                     | por748           |
|                                                |                | rising                   | por749           |
|                                                |                | falling                  | por750           |
| setimo                                         | seventh        | flat                     | por752           |
|                                                |                | rising                   | por753           |
|                                                |                | falling                  | por754           |
| oitavo                                         | eighth         | flat                     | por756           |
|                                                |                | rising                   | por757           |
|                                                |                | falling                  | por758           |
| nono                                           | ninth          | flat                     | por760           |
|                                                |                | rising                   | por761           |
|                                                |                | falling                  | por762           |
| decimo                                         | tenth          | flat                     | por764           |
|                                                |                | rising                   | por765           |
|                                                |                | falling                  | por766           |

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| <b>Portuguese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| vigesimo                                       | twentieth      | flat                     | por804           |
|                                                |                | rising                   | por805           |
|                                                |                | falling                  | por806           |
| trigesimo                                      | thirtieth      | flat                     | por808           |
|                                                |                | rising                   | por809           |
|                                                |                | falling                  | por810           |
| quadragesimo                                   | fortieth       | flat                     | por812           |
|                                                |                | rising                   | por813           |
|                                                |                | falling                  | por814           |
| quingagesimo                                   | fiftieth       | flat                     | por816           |
|                                                |                | rising                   | por817           |
|                                                |                | falling                  | por818           |
| sexagesimo                                     | sixtieth       | flat                     | por820           |
|                                                |                | rising                   | por821           |
|                                                |                | falling                  | por822           |
| septuagesimo                                   | seventieth     | flat                     | por824           |
|                                                |                | rising                   | por825           |
|                                                |                | falling                  | por826           |
| octogesimo                                     | eightieth      | flat                     | por828           |
|                                                |                | rising                   | por829           |
|                                                |                | falling                  | por830           |
| nonagesimo                                     | ninetieth      | flat                     | por832           |
|                                                |                | rising                   | por833           |
|                                                |                | falling                  | por834           |
| centesimo                                      | one-hundredth  | flat                     | por836           |
|                                                |                | rising                   | por837           |
|                                                |                | falling                  | por838           |

**Portuguese audio (Sheet 14 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|-----------------|--------------------------|------------------|
| ducentesimo                                    | two-hundredth   | flat                     | por840           |
|                                                |                 | rising                   | por841           |
|                                                |                 | falling                  | por842           |
| tricentesimo                                   | three-hundredth | flat                     | por844           |
|                                                |                 | rising                   | por845           |
|                                                |                 | falling                  | por846           |
| quadringentesimo                               | four-hundredth  | flat                     | por848           |
|                                                |                 | rising                   | por849           |
|                                                |                 | falling                  | por850           |
| quingentesimo                                  | five-hundredth  | flat                     | por852           |
|                                                |                 | rising                   | por853           |
|                                                |                 | falling                  | por854           |
| sexcentesimo                                   | six-hundredth   | flat                     | por856           |
|                                                |                 | rising                   | por857           |
|                                                |                 | falling                  | por858           |
| septingentesimo                                | seven-hundredth | flat                     | por860           |
|                                                |                 | rising                   | por861           |
|                                                |                 | falling                  | por862           |
| octingentesimo                                 | eight-hundredth | flat                     | por864           |
|                                                |                 | rising                   | por865           |
|                                                |                 | falling                  | por866           |
| nongentesimo                                   | nine-hundredth  | flat                     | por868           |
|                                                |                 | rising                   | por869           |
|                                                |                 | falling                  | por870           |
| milesimo                                       | thousandth      | flat                     | por872           |
|                                                |                 | rising                   | por873           |
|                                                |                 | falling                  | por874           |

**Portuguese audio (Sheet 15 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|-------------------|--------------------------|------------------|
| milionesimo                                    |                   | flat                     | por880           |
|                                                |                   | rising                   | por881           |
|                                                |                   | falling                  | por882           |
| bilionesimo                                    |                   | flat                     | por888           |
|                                                |                   | rising                   | por889           |
|                                                |                   | falling                  | por890           |
| tecla                                          | pound sign<br>(#) | flat                     | por896           |
|                                                |                   | rising                   | por897           |
|                                                |                   | falling                  | por898           |
| estrela                                        | asterisk<br>(*)   | flat                     | por900           |
|                                                |                   | rising                   | por901           |
|                                                |                   | falling                  | por902           |
| da manha                                       | a.m.              | flat                     | por908           |
|                                                |                   | rising                   | por909           |
|                                                |                   | falling                  | por910           |
| da tarde                                       | p.m.              | flat                     | por912           |
|                                                |                   | rising                   | por913           |
|                                                |                   | falling                  | por914           |
| dollar                                         | dollar<br>(US)    | flat                     | por1200          |
|                                                |                   | rising                   | por1201          |
|                                                |                   | falling                  | por1202          |
| dollars                                        | dollars<br>(US)   | flat                     | por1204          |
|                                                |                   | rising                   | por1205          |
|                                                |                   | falling                  | por1206          |
| cent                                           | cent<br>(US)      | flat                     | por1208          |
|                                                |                   | rising                   | por1209          |
|                                                |                   | falling                  | por1210          |

**Portuguese audio (Sheet 16 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|-----------------------|--------------------------|------------------|
| cents                                          | cents<br>(US)         | flat                     | por1212          |
|                                                |                       | rising                   | por1213          |
|                                                |                       | falling                  | por1214          |
| mark                                           | mark<br>(Germany)     | flat                     | por1216          |
|                                                |                       | rising                   | por1217          |
|                                                |                       | falling                  | por1218          |
| marks                                          | marks<br>(Germany)    | flat                     | por1220          |
|                                                |                       | rising                   | por1221          |
|                                                |                       | falling                  | por1222          |
| pfennig                                        | pfennig<br>(Germany)  | flat                     | por1224          |
|                                                |                       | rising                   | por1225          |
|                                                |                       | falling                  | por1226          |
| pfennigs                                       | pfennigs<br>(Germany) | flat                     | por1228          |
|                                                |                       | rising                   | por1229          |
|                                                |                       | falling                  | por1230          |
| yen                                            | yen<br>(Japan)        | flat                     | por1232          |
|                                                |                       | rising                   | por1233          |
|                                                |                       | falling                  | por1234          |
| yens                                           | yens<br>(Japan)       | flat                     | por1236          |
|                                                |                       | rising                   | por1237          |
|                                                |                       | falling                  | por1238          |
| lira                                           | lira<br>(Italy)       | flat                     | por1240          |
|                                                |                       | rising                   | por1241          |
|                                                |                       | falling                  | por1242          |
| liras                                          | liras<br>(Italy)      | flat                     | por1244          |
|                                                |                       | rising                   | por1245          |
|                                                |                       | falling                  | por1246          |

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| <b>Portuguese phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|---------------------------|--------------------------|------------------|
| guilder                                        | guilder<br>(Netherlands)  | flat                     | por1248          |
|                                                |                           | rising                   | por1249          |
|                                                |                           | falling                  | por1250          |
| guilders                                       | guilders<br>(Netherlands) | flat                     | por1252          |
|                                                |                           | rising                   | por1253          |
|                                                |                           | falling                  | por1254          |
| cent                                           | cent<br>(Netherlands)     | flat                     | por1256          |
|                                                |                           | rising                   | por1257          |
|                                                |                           | falling                  | por1258          |
| cents                                          | cents<br>(Netherlands)    | flat                     | por1260          |
|                                                |                           | rising                   | por1261          |
|                                                |                           | falling                  | por1262          |
| pound                                          | pound<br>(UK)             | flat                     | por1264          |
|                                                |                           | rising                   | por1265          |
|                                                |                           | falling                  | por1266          |
| pounds                                         | pounds<br>(UK)            | flat                     | por1268          |
|                                                |                           | rising                   | por1269          |
|                                                |                           | falling                  | por1270          |
| penny                                          | penny<br>(UK)             | flat                     | por1272          |
|                                                |                           | rising                   | por1273          |
|                                                |                           | falling                  | por1274          |
| pence                                          | pence<br>(UK)             | flat                     | por1276          |
|                                                |                           | rising                   | por1277          |
|                                                |                           | falling                  | por1278          |
| euro                                           | euro<br>(Europe)          | flat                     | por1280          |
|                                                |                           | rising                   | por1281          |
|                                                |                           | falling                  | por1282          |

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| <b>Portuguese phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|-----------------------|--------------------------|------------------|
| euros                                          | euros<br>(Europe)     | flat                     | por1284          |
|                                                |                       | rising                   | por1285          |
|                                                |                       | falling                  | por1286          |
| eurocent                                       | eurocent<br>(Europe)  | flat                     | por1288          |
|                                                |                       | rising                   | por1289          |
|                                                |                       | falling                  | por1290          |
| eurocents                                      | eurocents<br>(Europe) | flat                     | por1292          |
|                                                |                       | rising                   | por1293          |
|                                                |                       | falling                  | por1294          |
| franc                                          | franc<br>(France)     | flat                     | por1296          |
|                                                |                       | rising                   | por1297          |
|                                                |                       | falling                  | por1298          |
| francs                                         | francs<br>(France)    | flat                     | por1300          |
|                                                |                       | rising                   | por1301          |
|                                                |                       | falling                  | por1302          |
| centime                                        | centime<br>(France)   | flat                     | por1304          |
|                                                |                       | rising                   | por1305          |
|                                                |                       | falling                  | por1306          |
| centimes                                       | centimes<br>(France)  | flat                     | por1308          |
|                                                |                       | rising                   | por1309          |
|                                                |                       | falling                  | por1310          |
| peseta                                         | peseta<br>(Spain)     | flat                     | por1312          |
|                                                |                       | rising                   | por1313          |
|                                                |                       | falling                  | por1314          |
| pesetas                                        | pesetas<br>(Spain)    | flat                     | por1316          |
|                                                |                       | rising                   | por1317          |
|                                                |                       | falling                  | por1318          |

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| <b>Portuguese phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|---------------------------|--------------------------|------------------|
| peso                                           | peso<br>(Philippines)     | flat                     | por1328          |
|                                                |                           | rising                   | por1329          |
|                                                |                           | falling                  | por1330          |
| pesos                                          | pesos<br>(Philippines)    | flat                     | por1332          |
|                                                |                           | rising                   | por1333          |
|                                                |                           | falling                  | por1334          |
| centavo                                        | centavo<br>(Philippines)  | flat                     | por1336          |
|                                                |                           | rising                   | por1337          |
|                                                |                           | falling                  | por1338          |
| centavos                                       | centavos<br>(Philippines) | flat                     | por1340          |
|                                                |                           | rising                   | por1341          |
|                                                |                           | falling                  | por1342          |
| ringgit                                        | ringgit<br>(Malaysia)     | flat                     | por1344          |
|                                                |                           | rising                   | por1345          |
|                                                |                           | falling                  | por1346          |
| ringgits                                       | ringgits<br>(Malaysia)    | flat                     | por1348          |
|                                                |                           | rising                   | por1349          |
|                                                |                           | falling                  | por1350          |
| sen                                            | sen<br>(Malaysia)         | flat                     | por1352          |
|                                                |                           | rising                   | por1353          |
|                                                |                           | falling                  | por1354          |
| sens                                           | sens<br>(Malaysia)        | flat                     | por1356          |
|                                                |                           | rising                   | por1357          |
|                                                |                           | falling                  | por1358          |
| baht                                           | baht<br>(Thailand)        | flat                     | por1360          |
|                                                |                           | rising                   | por1361          |
|                                                |                           | falling                  | por1362          |

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| <b>Portuguese phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|-----------------------|--------------------------|------------------|
| bahts                                          | bahts<br>(Thailand)   | flat                     | por1364          |
|                                                |                       | rising                   | por1365          |
|                                                |                       | falling                  | por1366          |
| satang                                         | satang<br>(Thailand)  | flat                     | por1368          |
|                                                |                       | rising                   | por1369          |
|                                                |                       | falling                  | por1370          |
| satangs                                        | satangs<br>(Thailand) | flat                     | por1372          |
|                                                |                       | rising                   | por1373          |
|                                                |                       | falling                  | por1374          |
| won                                            | won<br>(Korea)        | flat                     | por1376          |
|                                                |                       | rising                   | por1377          |
|                                                |                       | falling                  | por1378          |
| wons                                           | wons<br>(Korea)       | flat                     | por1380          |
|                                                |                       | rising                   | por1381          |
|                                                |                       | falling                  | por1382          |
| franc                                          | franc<br>(Belgium)    | flat                     | por1384          |
|                                                |                       | rising                   | por1385          |
|                                                |                       | falling                  | por1386          |
| francs                                         | francs<br>(Belgium)   | flat                     | por 1388         |
|                                                |                       | rising                   | por1389          |
|                                                |                       | falling                  | por1390          |
| centime                                        | centime<br>(Belgium)  | flat                     | por1392          |
|                                                |                       | rising                   | por1393          |
|                                                |                       | falling                  | por1394          |
| centimes                                       | centimes<br>(Belgium) | flat                     | por1396          |
|                                                |                       | rising                   | por1397          |
|                                                |                       | falling                  | por1398          |

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| <b>Portuguese phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|------------------------|--------------------------|------------------|
| dollar                                         | dollar<br>(Canada)     | flat                     | por1400          |
|                                                |                        | rising                   | por1401          |
|                                                |                        | falling                  | por1402          |
| dollars                                        | dollars<br>(Canada)    | flat                     | por1404          |
|                                                |                        | rising                   | por1405          |
|                                                |                        | falling                  | por1406          |
| cent                                           | cent<br>(Canada)       | flat                     | por1408          |
|                                                |                        | rising                   | por1409          |
|                                                |                        | falling                  | por1410          |
| cents                                          | cents<br>(Canada)      | flat                     | por1412          |
|                                                |                        | rising                   | por1413          |
|                                                |                        | falling                  | por1414          |
| dollar                                         | dollar<br>(Hong Kong)  | flat                     | por1416          |
|                                                |                        | rising                   | por1417          |
|                                                |                        | falling                  | por1418          |
| dollars                                        | dollars<br>(Hong Kong) | flat                     | por1420          |
|                                                |                        | rising                   | por1421          |
|                                                |                        | falling                  | por1422          |
| cent                                           | cent<br>(Hong Kong)    | flat                     | por1424          |
|                                                |                        | rising                   | por1425          |
|                                                |                        | falling                  | por1426          |
| cents                                          | cents<br>(Hong Kong)   | flat                     | por1428          |
|                                                |                        | rising                   | por1429          |
|                                                |                        | falling                  | por1430          |
| escudo                                         | escudo<br>(Portugal)   | flat                     | por1432          |
|                                                |                        | rising                   | por1433          |
|                                                |                        | falling                  | por1434          |

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| <b>Portuguese phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|------------------------|--------------------------|------------------|
| escudos                                        | escudos<br>(Portugal)  | flat                     | por1436          |
|                                                |                        | rising                   | por1437          |
|                                                |                        | falling                  | por1438          |
| centavo                                        | centavo<br>(Portugal)  | flat                     | por1440          |
|                                                |                        | rising                   | por1441          |
|                                                |                        | falling                  | por1442          |
| centavos                                       | centavos<br>(Portugal) | flat                     | por1444          |
|                                                |                        | rising                   | por1445          |
|                                                |                        | falling                  | por1446          |
| yuan                                           | yuan<br>(China)        | flat                     | por1448          |
|                                                |                        | rising                   | por1449          |
|                                                |                        | falling                  | por1450          |
| yuans                                          | yuans<br>(China)       | flat                     | por1452          |
|                                                |                        | rising                   | por1453          |
|                                                |                        | falling                  | por1454          |
| jiao                                           | jiao<br>(China)        | flat                     | por1456          |
|                                                |                        | rising                   | por1457          |
|                                                |                        | falling                  | por1458          |
| jiaos                                          | jiaos<br>(China)       | flat                     | por1460          |
|                                                |                        | rising                   | por1461          |
|                                                |                        | falling                  | por1462          |
| fen                                            | fen<br>(China)         | flat                     | por1464          |
|                                                |                        | rising                   | por1465          |
|                                                |                        | falling                  | por1466          |
| fens                                           | fens<br>(China)        | flat                     | por1468          |
|                                                |                        | rising                   | por1469          |
|                                                |                        | falling                  | por1470          |

**Portuguese audio (Sheet 23 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|---------------------|--------------------------|------------------|
| pound                                          | pound<br>(Ireland)  | flat                     | por1472          |
|                                                |                     | rising                   | por1473          |
|                                                |                     | falling                  | por1474          |
| pounds                                         | pounds<br>(Ireland) | flat                     | por1476          |
|                                                |                     | rising                   | por1477          |
|                                                |                     | falling                  | por1478          |
| penny                                          | penny<br>(Ireland)  | flat                     | por1480          |
|                                                |                     | rising                   | por1481          |
|                                                |                     | falling                  | por1482          |
| pence                                          | pence<br>(Ireland)  | flat                     | por1484          |
|                                                |                     | rising                   | por1485          |
|                                                |                     | falling                  | por1486          |
| uma                                            | one<br>(fem)        | flat                     | por920           |
|                                                |                     | rising                   | por921           |
|                                                |                     | falling                  | por922           |
| duas                                           | two<br>(fem)        | flat                     | por924           |
|                                                |                     | rising                   | por925           |
|                                                |                     | falling                  | por926           |
| cem                                            | 100                 | flat                     | por928           |
|                                                |                     | rising                   | por929           |
|                                                |                     | falling                  | por930           |
| duzentas                                       | 200<br>(fem)        | flat                     | por932           |
|                                                |                     | rising                   | por933           |
|                                                |                     | falling                  | por934           |
| trezentas                                      | 300<br>(fem)        | flat                     | por936           |
|                                                |                     | rising                   | por937           |
|                                                |                     | falling                  | por938           |

**Portuguese audio (Sheet 24 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| quatrocentas                                   | 400            | flat                     | por940           |
|                                                | (fem)          | rising                   | por941           |
|                                                |                | falling                  | por942           |
| quinhentas                                     | 500            | flat                     | por944           |
|                                                | (fem)          | rising                   | por945           |
|                                                |                | falling                  | por946           |
| seiscentas                                     | 600            | flat                     | por948           |
|                                                | (fem)          | rising                   | por949           |
|                                                |                | falling                  | por950           |
| setecentas                                     | 700            | flat                     | por952           |
|                                                | (fem)          | rising                   | por953           |
|                                                |                | falling                  | por954           |
| oitocentas                                     | 800            | flat                     | por956           |
|                                                | (fem)          | rising                   | por957           |
|                                                |                | falling                  | por958           |
| novencentas                                    | 900            | flat                     | por960           |
|                                                | (fem)          | rising                   | por961           |
|                                                |                | falling                  | por962           |
| primera                                        | first          | flat                     | por964           |
|                                                | (fem)          | rising                   | por965           |
|                                                |                | falling                  | por966           |
| segunda                                        | second         | flat                     | por968           |
|                                                | (fem)          | rising                   | por969           |
|                                                |                | falling                  | por970           |
| tercera                                        | third          | flat                     | por972           |
|                                                | (fem)          | rising                   | por973           |
|                                                |                | falling                  | por974           |

**Portuguese audio (Sheet 25 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|--------------------|--------------------------|------------------|
| cuarta                                         | fourth<br>(fem)    | flat                     | por976           |
|                                                |                    | rising                   | por977           |
|                                                |                    | falling                  | por978           |
| quinta                                         | fifth<br>(fem)     | flat                     | por980           |
|                                                |                    | rising                   | por981           |
|                                                |                    | falling                  | por982           |
| sexta                                          | sixth<br>(fem)     | flat                     | por984           |
|                                                |                    | rising                   | por985           |
|                                                |                    | falling                  | por986           |
| septima                                        | seventh<br>(fem)   | flat                     | por988           |
|                                                |                    | rising                   | por989           |
|                                                |                    | falling                  | por990           |
| octava                                         | eighth<br>(fem)    | flat                     | por992           |
|                                                |                    | rising                   | por993           |
|                                                |                    | falling                  | por994           |
| novena                                         | ninth<br>(fem)     | flat                     | por996           |
|                                                |                    | rising                   | por997           |
|                                                |                    | falling                  | por998           |
| decima                                         | tenth<br>(fem)     | flat                     | por1000          |
|                                                |                    | rising                   | por1001          |
|                                                |                    | falling                  | por1002          |
| vigesima                                       | twentieth<br>(fem) | flat                     | por1004          |
|                                                |                    | rising                   | por1005          |
|                                                |                    | falling                  | por1006          |
| trigesima                                      | thirtieth<br>(fem) | flat                     | por1008          |
|                                                |                    | rising                   | por1009          |
|                                                |                    | falling                  | por1010          |

**Portuguese audio (Sheet 26 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|------------------------|--------------------------|------------------|
| quadragesima                                   | fortieth<br>(fem)      | flat                     | por1012          |
|                                                |                        | rising                   | por1013          |
|                                                |                        | falling                  | por1014          |
| quincuagesima                                  | fiftieth<br>(fem)      | flat                     | por1016          |
|                                                |                        | rising                   | por1017          |
|                                                |                        | falling                  | por1018          |
| sexagesima                                     | sixtieth<br>(fem)      | flat                     | por1020          |
|                                                |                        | rising                   | por1021          |
|                                                |                        | falling                  | por1022          |
| septuagesima                                   | seventieth<br>(fem)    | flat                     | por1024          |
|                                                |                        | rising                   | por1025          |
|                                                |                        | falling                  | por1026          |
| octogesima                                     | eightieth<br>(fem)     | flat                     | por1028          |
|                                                |                        | rising                   | por1029          |
|                                                |                        | falling                  | por1030          |
| nonagesima                                     | ninetieth<br>(fem)     | flat                     | por1032          |
|                                                |                        | rising                   | por1033          |
|                                                |                        | falling                  | por1034          |
| centesima                                      | one-hundredth<br>(fem) | flat                     | por1036          |
|                                                |                        | rising                   | por1037          |
|                                                |                        | falling                  | por1038          |
| ducentesima                                    | two-hundredth          | flat                     | por1040          |
|                                                |                        | rising                   | por1041          |
|                                                |                        | falling                  | por1042          |
| tricentisima                                   | three-hundredth        | flat                     | por1044          |
|                                                |                        | rising                   | por1045          |
|                                                |                        | falling                  | por1046          |

**Portuguese audio (Sheet 27 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|-----------------|--------------------------|------------------|
| quadringentesima                               | four-hundredth  | flat                     | por1048          |
|                                                |                 | rising                   | por1049          |
|                                                |                 | falling                  | por1050          |
| quingentesima                                  | five-hundredth  | flat                     | por1052          |
|                                                |                 | rising                   | por1053          |
|                                                |                 | falling                  | por1054          |
| sexcentesima                                   | six-hundredth   | flat                     | por1056          |
|                                                |                 | rising                   | por1057          |
|                                                |                 | falling                  | por1058          |
| septingentesima                                | seven-hundredth | flat                     | por1060          |
|                                                |                 | rising                   | por1061          |
|                                                |                 | falling                  | por1062          |
| octingentesima                                 | eight-hundredth | flat                     | por1064          |
|                                                |                 | rising                   | por1065          |
|                                                |                 | falling                  | por1066          |
| nongentesima                                   | nine-hundredth  | flat                     | por1068          |
|                                                |                 | rising                   | por1069          |
|                                                |                 | falling                  | por1070          |
| milesima                                       | thousandth      | flat                     | por1072          |
|                                                |                 | rising                   | por1073          |
|                                                |                 | falling                  | por1074          |
| milionesima                                    | millionth       | flat                     | por1076          |
|                                                |                 | rising                   | por1077          |
|                                                |                 | falling                  | por1078          |
| bilionesima                                    | billionth       | flat                     | por1080          |
|                                                |                 | rising                   | por1081          |
|                                                |                 | falling                  | por1082          |

**Portuguese audio (Sheet 28 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|--------------------------|--------------------------|------------------|
| milhoes                                        | millions                 | flat                     | por1084          |
|                                                |                          | rising                   | por1085          |
|                                                |                          | falling                  | por1086          |
| bilhes                                         | billions                 | flat                     | por1088          |
|                                                |                          | rising                   | por1089          |
|                                                |                          | falling                  | por1090          |
| de                                             | of                       | flat                     | por1092          |
|                                                |                          | rising                   | por1093          |
|                                                |                          | falling                  | por1094          |
| primeros                                       | first<br>(masc, plural)  | flat                     | por1500          |
|                                                |                          | rising                   | por1501          |
|                                                |                          | falling                  | por1502          |
| segundos                                       | second<br>(masc, plural) | flat                     | por1504          |
|                                                |                          | rising                   | por1505          |
|                                                |                          | falling                  | por1506          |
| terceros                                       | third<br>(masc, plural)  | flat                     | por1508          |
|                                                |                          | rising                   | por1509          |
|                                                |                          | falling                  | por1510          |
| cuartos                                        | fourth<br>(masc, plural) | flat                     | por1512          |
|                                                |                          | rising                   | por1513          |
|                                                |                          | falling                  | por1514          |
| quintos                                        | fifth<br>(masc, plural)  | flat                     | por1516          |
|                                                |                          | rising                   | por1517          |
|                                                |                          | falling                  | por1518          |
| sextos                                         | sixth<br>(masc, plural)  | flat                     | por1520          |
|                                                |                          | rising                   | por1521          |
|                                                |                          | falling                  | por1522          |

**Portuguese audio (Sheet 29 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>              | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|-----------------------------|--------------------------|------------------|
| septimos                                       | seventh<br>(masc, plural)   | flat                     | por1524          |
|                                                |                             | rising                   | por1525          |
|                                                |                             | falling                  | por1526          |
| octavos                                        | eighth<br>(masc, plural)    | flat                     | por1528          |
|                                                |                             | rising                   | por1529          |
|                                                |                             | falling                  | por1530          |
| novenos                                        | ninth<br>(masc, plural)     | flat                     | por1532          |
|                                                |                             | rising                   | por1533          |
|                                                |                             | falling                  | por1534          |
| decimos                                        | tenth<br>(masc, plural)     | flat                     | por1536          |
|                                                |                             | rising                   | por1537          |
|                                                |                             | falling                  | por1538          |
| vigisimos                                      | twentieth<br>(masc, plural) | flat                     | por1540          |
|                                                |                             | rising                   | por1541          |
|                                                |                             | falling                  | por1542          |
| trigesimos                                     | thirtieth<br>(masc, plural) | flat                     | por1544          |
|                                                |                             | rising                   | por1545          |
|                                                |                             | falling                  | por1546          |
| quadragesimos                                  | fortieth<br>(masc, plural)  | flat                     | por1548          |
|                                                |                             | rising                   | por1549          |
|                                                |                             | falling                  | por1550          |
| quinquagesimos                                 | fiftieth<br>(masc, plural)  | flat                     | por1552          |
|                                                |                             | rising                   | por1553          |
|                                                |                             | falling                  | por1554          |
| sexagesimos                                    | sixtieth<br>(masc, plural)  | flat                     | por1556          |
|                                                |                             | rising                   | por1557          |
|                                                |                             | falling                  | por1558          |

**Portuguese audio (Sheet 30 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>                     | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|------------------------------------|--------------------------|------------------|
| septuagesimos                                  | seventieth<br>(masc, plural)       | flat                     | por1560          |
|                                                |                                    | rising                   | por1561          |
|                                                |                                    | falling                  | por1562          |
| octogesimos                                    | eightieth<br>(masc, plural)        | flat                     | por1564          |
|                                                |                                    | rising                   | por1565          |
|                                                |                                    | falling                  | por1566          |
| nonagesimos                                    | ninetieth<br>(masc, plural)        | flat                     | por1568          |
|                                                |                                    | rising                   | por1569          |
|                                                |                                    | falling                  | por1570          |
| centesimos                                     | one-hundredths<br>(masc, plural)   | flat                     | por1572          |
|                                                |                                    | rising                   | por1573          |
|                                                |                                    | falling                  | por1574          |
| ducentesimos                                   | two-hundredths<br>(masc, plural)   | flat                     | por1576          |
|                                                |                                    | rising                   | por1577          |
|                                                |                                    | falling                  | por1578          |
| tricentesimos                                  | three-hundredths<br>(masc, plural) | flat                     | por1580          |
|                                                |                                    | rising                   | por1581          |
|                                                |                                    | falling                  | por1582          |
| quadringetesimos                               | four-hundredths<br>(masc, plural)  | flat                     | por1584          |
|                                                |                                    | rising                   | por1585          |
|                                                |                                    | falling                  | por1586          |
| quingentesimos                                 | five-hundredths<br>(masc, plural)  | flat                     | por1588          |
|                                                |                                    | rising                   | por1589          |
|                                                |                                    | falling                  | por1590          |
| sexcentesimos                                  | six-hundredths<br>(masc, plural)   | flat                     | por1592          |
|                                                |                                    | rising                   | por1593          |
|                                                |                                    | falling                  | por1594          |

**Portuguese audio (Sheet 31 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>                     | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|------------------------------------|--------------------------|------------------|
| septingentesimos                               | seven-hundredths<br>(masc, plural) | flat                     | por1596          |
|                                                |                                    | rising                   | por1597          |
|                                                |                                    | falling                  | por1598          |
| octingentesimos                                | eight-hundredths<br>(masc, plural) | flat                     | por1600          |
|                                                |                                    | rising                   | por1601          |
|                                                |                                    | falling                  | por1602          |
| nongentesimos                                  | nine-hundredths<br>(masc, plural)  | flat                     | por1604          |
|                                                |                                    | rising                   | por1605          |
|                                                |                                    | falling                  | por1606          |
| milesimos                                      | thousandths<br>(masc, plural)      | flat                     | por1608          |
|                                                |                                    | rising                   | por1609          |
|                                                |                                    | falling                  | por1610          |
| milionesimos                                   | millionths<br>(masc, plural)       | flat                     | por1612          |
|                                                |                                    | rising                   | por1613          |
|                                                |                                    | falling                  | por1614          |
| bilionesimos                                   | billionths<br>(masc, plural)       | flat                     | por1616          |
|                                                |                                    | rising                   | por1617          |
|                                                |                                    | falling                  | por1618          |
| primeras                                       | first<br>(fem, plural)             | flat                     | por1620          |
|                                                |                                    | rising                   | por1621          |
|                                                |                                    | falling                  | por1622          |
| segundas                                       | second<br>(fem, plural)            | flat                     | por1624          |
|                                                |                                    | rising                   | por1625          |
|                                                |                                    | falling                  | por1626          |
| terceras                                       | third<br>(fem, plural)             | flat                     | por1628          |
|                                                |                                    | rising                   | por1629          |
|                                                |                                    | falling                  | por1630          |

**Portuguese audio (Sheet 32 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>             | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------------------|--------------------------|------------------|
| cuartas                                        | fourth<br>(fem, plural)    | flat                     | por1632          |
|                                                |                            | rising                   | por1633          |
|                                                |                            | falling                  | por1634          |
| quintas                                        | fifth<br>(fem, plural)     | flat                     | por1636          |
|                                                |                            | rising                   | por1637          |
|                                                |                            | falling                  | por1638          |
| sextas                                         | sixth<br>(fem, plural)     | flat                     | por1640          |
|                                                |                            | rising                   | por1641          |
|                                                |                            | falling                  | por1642          |
| septimas                                       | seventh<br>(fem, plural)   | flat                     | por1644          |
|                                                |                            | rising                   | por1645          |
|                                                |                            | falling                  | por1646          |
| octavas                                        | eighth<br>(fem, plural)    | flat                     | por1648          |
|                                                |                            | rising                   | por1649          |
|                                                |                            | falling                  | por1650          |
| novenas                                        | ninth<br>(fem, plural)     | flat                     | por1652          |
|                                                |                            | rising                   | por1653          |
|                                                |                            | falling                  | por1654          |
| decimas                                        | tenth<br>(fem, plural)     | flat                     | por1656          |
|                                                |                            | rising                   | por1657          |
|                                                |                            | falling                  | por1658          |
| vigisimas                                      | twentieth<br>(fem, plural) | flat                     | por1660          |
|                                                |                            | rising                   | por1661          |
|                                                |                            | falling                  | por1662          |
| trigesimas                                     | thirtieth<br>(fem, plural) | flat                     | por1664          |
|                                                |                            | rising                   | por1665          |
|                                                |                            | falling                  | por1666          |

**Portuguese audio (Sheet 33 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>                   | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------------------------|--------------------------|------------------|
| quadragesimas                                  | fortieth<br>(fem, plural)        | flat                     | por1668          |
|                                                |                                  | rising                   | por1669          |
|                                                |                                  | falling                  | por1670          |
| quinguagesimas                                 | fiftieth<br>(fem, plural)        | flat                     | por1672          |
|                                                |                                  | rising                   | por1673          |
|                                                |                                  | falling                  | por1674          |
| sexagesimas                                    | sixtieth<br>(fem, plural)        | flat                     | por1676          |
|                                                |                                  | rising                   | por1677          |
|                                                |                                  | falling                  | por1678          |
| septuagesimas                                  | seventieth<br>(fem, plural)      | flat                     | por1680          |
|                                                |                                  | rising                   | por1681          |
|                                                |                                  | falling                  | por1682          |
| octogesimas                                    | eightieth<br>(fem, plural)       | flat                     | por1684          |
|                                                |                                  | rising                   | por1685          |
|                                                |                                  | falling                  | por1686          |
| nonagesimas                                    | ninetieth<br>(fem, plural)       | flat                     | por1688          |
|                                                |                                  | rising                   | por1689          |
|                                                |                                  | falling                  | por1690          |
| centesimas                                     | one-hundredth<br>(fem, plural)   | flat                     | por1692          |
|                                                |                                  | rising                   | por1693          |
|                                                |                                  | falling                  | por1694          |
| ducentesimas                                   | two-hundredth<br>(fem, plural)   | flat                     | por1696          |
|                                                |                                  | rising                   | por1697          |
|                                                |                                  | falling                  | por1698          |
| tricentisimas                                  | three-hundredth<br>(fem, plural) | flat                     | por1700          |
|                                                |                                  | rising                   | por1701          |
|                                                |                                  | falling                  | por1702          |

**Portuguese audio (Sheet 34 of 34)**

| <b>Portuguese phrase or English equivalent</b> | <b>English</b>                   | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------------------------|--------------------------|------------------|
| quadringentesimas                              | four-hundredth<br>(fem, plural)  | flat                     | por1704          |
|                                                |                                  | rising                   | por1705          |
|                                                |                                  | falling                  | por1706          |
| quingentesimas                                 | five-hundredth<br>(fem, plural)  | flat                     | por1708          |
|                                                |                                  | rising                   | por1709          |
|                                                |                                  | falling                  | por1710          |
| sexcentesimas                                  | six-hundredth<br>(fem, plural)   | flat                     | por1712          |
|                                                |                                  | rising                   | por1713          |
|                                                |                                  | falling                  | por1714          |
| septingentesimas                               | seven-hundredth<br>(fem, plural) | flat                     | por1716          |
|                                                |                                  | rising                   | por1717          |
|                                                |                                  | falling                  | por1718          |
| octingentesimas                                | eight-hundredth<br>(fem, plural) | flat                     | por1720          |
|                                                |                                  | rising                   | por1721          |
|                                                |                                  | falling                  | por1722          |
| nongentesimas                                  | nine-hundredth<br>(fem, plural)  | flat                     | por1724          |
|                                                |                                  | rising                   | por1725          |
|                                                |                                  | falling                  | por1726          |
| millesimas                                     | thousandth<br>(fem, plural)      | flat                     | por1728          |
|                                                |                                  | rising                   | por1729          |
|                                                |                                  | falling                  | por1730          |
| milionesimas                                   | millionth<br>(fem, plural)       | flat                     | por1732          |
|                                                |                                  | rising                   | por1733          |
|                                                |                                  | falling                  | por1734          |
| bilionesimas                                   | billionth<br>(fem, plural)       | flat                     | por1736          |
|                                                |                                  | rising                   | por1737          |
|                                                |                                  | falling                  | por1738          |

## Spanish audio files

**Note 1:** Use audio file names spa508–spa610 for the multilanguage strings functionality. Recording of this audio is optional and the content of the recording can be any word. This audio is only required when the string functionality is used.

**Note 2:** Only record audio file names spa1740–spa1838 if the user provisions ordinal numbers on the system. The ordinal values for numbers less than three are used in applications (date) and are required unless otherwise specified.

**Note 3:** Only record audio file names spa1500–spa1722 if the user provisions audio for this currency.

### Spanish audio (Sheet 1 of 36)

| Spanish phrase or English equivalent | English | Phrase intonation | File name |
|--------------------------------------|---------|-------------------|-----------|
| cero                                 | zero    | flat              | spa0      |
|                                      |         | rising            | spa1      |
|                                      |         | falling           | spa2      |
| uno                                  | one     | flat              | spa8      |
|                                      |         | rising            | spa9      |
|                                      |         | falling           | spa10     |
| dos                                  | two     | flat              | spa12     |
|                                      |         | rising            | spa13     |
|                                      |         | falling           | spa14     |
| tres                                 | three   | flat              | spa16     |
|                                      |         | rising            | spa17     |
|                                      |         | falling           | spa18     |
| cuatro                               | four    | flat              | spa20     |
|                                      |         | rising            | spa21     |
|                                      |         | falling           | spa22     |

**Spanish audio (Sheet 2 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| cinco                                       | five           | flat                     | spa24            |
|                                             |                | rising                   | spa25            |
|                                             |                | falling                  | spa26            |
| seis                                        | six            | flat                     | spa28            |
|                                             |                | rising                   | spa29            |
|                                             |                | falling                  | spa30            |
| siete                                       | seven          | flat                     | spa32            |
|                                             |                | rising                   | spa33            |
|                                             |                | falling                  | spa34            |
| ocho                                        | eight          | flat                     | spa36            |
|                                             |                | rising                   | spa37            |
|                                             |                | falling                  | spa38            |
| nueve                                       | nine           | flat                     | spa40            |
|                                             |                | rising                   | spa41            |
|                                             |                | falling                  | spa42            |
| diez                                        | ten            | flat                     | spa56            |
|                                             |                | rising                   | spa57            |
|                                             |                | falling                  | spa58            |
| once                                        | eleven         | flat                     | spa60            |
|                                             |                | rising                   | spa61            |
|                                             |                | falling                  | spa62            |
| doce                                        | twelve         | flat                     | spa64            |
|                                             |                | rising                   | spa65            |
|                                             |                | falling                  | spa66            |
| trece                                       | thirteen       | flat                     | spa68            |
|                                             |                | rising                   | spa69            |
|                                             |                | falling                  | spa70            |

**Spanish audio (Sheet 3 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| catorce                                     | fourteen       | flat                     | spa72            |
|                                             |                | rising                   | spa73            |
|                                             |                | falling                  | spa74            |
| cincuenta                                   | fifteen        | flat                     | spa76            |
|                                             |                | rising                   | spa77            |
|                                             |                | falling                  | spa78            |
| dieciseis                                   | sixteen        | flat                     | spa80            |
|                                             |                | rising                   | spa81            |
|                                             |                | falling                  | spa82            |
| diecisiete                                  | seventeen      | flat                     | spa84            |
|                                             |                | rising                   | spa85            |
|                                             |                | falling                  | spa86            |
| diecocho                                    | eighteen       | flat                     | spa88            |
|                                             |                | rising                   | spa89            |
|                                             |                | falling                  | spa90            |
| diecnueve                                   | nineteen       | flat                     | spa92            |
|                                             |                | rising                   | spa93            |
|                                             |                | falling                  | spa94            |
| veinte                                      | twenty         | flat                     | spa96            |
|                                             |                | rising                   | spa97            |
|                                             |                | falling                  | spa98            |
| veintiuno                                   | twenty-one     | flat                     | spa208           |
|                                             |                | rising                   | spa209           |
|                                             |                | falling                  | spa210           |
| veintidos                                   | twenty-two     | flat                     | spa212           |
|                                             |                | rising                   | spa213           |
|                                             |                | falling                  | spa214           |

**Spanish audio (Sheet 4 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| veintitres                                  | twenty-three   | flat                     | spa216           |
|                                             |                | rising                   | spa217           |
|                                             |                | falling                  | spa218           |
| veinticuatro                                | twenty-four    | flat                     | spa220           |
|                                             |                | rising                   | spa221           |
|                                             |                | falling                  | spa222           |
| veinticinco                                 | twenty-five    | flat                     | spa224           |
|                                             |                | rising                   | spa225           |
|                                             |                | falling                  | spa226           |
| veintiseis                                  | twenty-six     | flat                     | spa228           |
|                                             |                | rising                   | spa229           |
|                                             |                | falling                  | spa230           |
| veintisiete                                 | twenty-seven   | flat                     | spa232           |
|                                             |                | rising                   | spa233           |
|                                             |                | falling                  | spa234           |
| veintiocho                                  | twenty-eight   | flat                     | spa236           |
|                                             |                | rising                   | spa237           |
|                                             |                | falling                  | spa238           |
| veintinueve                                 | twenty-nine    | flat                     | spa240           |
|                                             |                | rising                   | spa241           |
|                                             |                | falling                  | spa242           |
| trienta                                     | thirty         | flat                     | spa100           |
|                                             |                | rising                   | spa101           |
|                                             |                | falling                  | spa102           |
| cuarenta                                    | forty          | flat                     | spa104           |
|                                             |                | rising                   | spa105           |
|                                             |                | falling                  | spa106           |

**Spanish audio (Sheet 5 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| cincuenta                                   | fifty          | flat                     | spa108           |
|                                             |                | rising                   | spa109           |
|                                             |                | falling                  | spa110           |
| sesenta                                     | sixty          | flat                     | spa112           |
|                                             |                | rising                   | spa113           |
|                                             |                | falling                  | spa114           |
| setenta                                     | seventy        | flat                     | spa116           |
|                                             |                | rising                   | spa117           |
|                                             |                | falling                  | spa118           |
| ochenta                                     | eighty         | flat                     | spa120           |
|                                             |                | rising                   | spa121           |
|                                             |                | falling                  | spa122           |
| noventa                                     | ninety         | flat                     | spa124           |
|                                             |                | rising                   | spa125           |
|                                             |                | falling                  | spa126           |
| ciento                                      | one-hundred    | flat                     | spa132           |
|                                             |                | rising                   | spa133           |
|                                             |                | falling                  | spa134           |
| doscientos                                  | two-hundred    | flat                     | spa136           |
|                                             |                | rising                   | spa137           |
|                                             |                | falling                  | spa138           |
| trescientos                                 | three-hundred  | flat                     | spa140           |
|                                             |                | rising                   | spa141           |
|                                             |                | falling                  | spa142           |
| cuatrocientos                               | four-hundred   | flat                     | spa144           |
|                                             |                | rising                   | spa145           |
|                                             |                | falling                  | spa146           |

**Spanish audio (Sheet 6 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| quinientos                                  | five-hundred   | flat                     | spa148           |
|                                             |                | rising                   | spa149           |
|                                             |                | falling                  | spa150           |
| seiscientos                                 | six-hundred    | flat                     | spa152           |
|                                             |                | rising                   | spa153           |
|                                             |                | falling                  | spa154           |
| setecientos                                 | seven-hundred  | flat                     | spa156           |
|                                             |                | rising                   | spa157           |
|                                             |                | falling                  | spa158           |
| ochocientos                                 | eight-hundred  | flat                     | spa160           |
|                                             |                | rising                   | spa161           |
|                                             |                | falling                  | spa162           |
| novecientos                                 | nine-hundred   | flat                     | spa164           |
|                                             |                | rising                   | spa165           |
|                                             |                | falling                  | spa166           |
| mil                                         | one-thousand   | flat                     | spa496           |
|                                             |                | rising                   | spa497           |
|                                             |                | falling                  | spa498           |
| millon                                      | one-million    | flat                     | spa500           |
|                                             |                | rising                   | spa501           |
|                                             |                | falling                  | spa502           |
| a                                           | a              | flat                     | spa508           |
|                                             |                | rising                   | spa509           |
|                                             |                | falling                  | spa510           |
| b                                           | b              | flat                     | spa512           |
|                                             |                | rising                   | spa513           |
|                                             |                | falling                  | spa514           |

## Spanish audio (Sheet 7 of 36)

| Spanish phrase or English equivalent | English | Phrase intonation | File name |
|--------------------------------------|---------|-------------------|-----------|
| c                                    | c       | flat              | spa516    |
|                                      |         | rising            | spa517    |
|                                      |         | falling           | spa518    |
| d                                    | d       | flat              | spa520    |
|                                      |         | rising            | spa521    |
|                                      |         | falling           | spa522    |
| e                                    | e       | flat              | spa524    |
|                                      |         | rising            | spa525    |
|                                      |         | falling           | spa526    |
| f                                    | f       | flat              | spa528    |
|                                      |         | rising            | spa529    |
|                                      |         | falling           | spa530    |
| g                                    | g       | flat              | spa532    |
|                                      |         | rising            | spa533    |
|                                      |         | falling           | spa534    |
| h                                    | h       | flat              | spa536    |
|                                      |         | rising            | spa537    |
|                                      |         | falling           | spa538    |
| i                                    | i       | flat              | spa540    |
|                                      |         | rising            | spa541    |
|                                      |         | falling           | spa542    |
| j                                    | j       | flat              | spa544    |
|                                      |         | rising            | spa545    |
|                                      |         | falling           | spa546    |
| k                                    | k       | flat              | spa548    |
|                                      |         | rising            | spa549    |
|                                      |         | falling           | spa550    |

**Spanish audio (Sheet 8 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| l                                           | l              | flat                     | spa552           |
|                                             |                | rising                   | spa553           |
|                                             |                | falling                  | spa554           |
| m                                           | m              | flat                     | spa556           |
|                                             |                | rising                   | spa557           |
|                                             |                | falling                  | spa558           |
| n                                           | n              | flat                     | spa560           |
|                                             |                | rising                   | spa561           |
|                                             |                | falling                  | spa562           |
| o                                           | o              | flat                     | spa564           |
|                                             |                | rising                   | spa565           |
|                                             |                | falling                  | spa566           |
| p                                           | p              | flat                     | spa568           |
|                                             |                | rising                   | spa569           |
|                                             |                | falling                  | spa570           |
| q                                           | q              | flat                     | spa572           |
|                                             |                | rising                   | spa573           |
|                                             |                | falling                  | spa574           |
| r                                           | r              | flat                     | spa576           |
|                                             |                | rising                   | spa577           |
|                                             |                | falling                  | spa578           |
| s                                           | s              | flat                     | spa580           |
|                                             |                | rising                   | spa581           |
|                                             |                | falling                  | spa582           |
| t                                           | t              | flat                     | spa584           |
|                                             |                | rising                   | spa585           |
|                                             |                | falling                  | spa586           |

## Spanish audio (Sheet 9 of 36)

| Spanish phrase or English equivalent | English  | Phrase intonation | File name |
|--------------------------------------|----------|-------------------|-----------|
| u                                    | u        | flat              | spa588    |
|                                      |          | rising            | spa589    |
|                                      |          | falling           | spa590    |
| v                                    | v        | flat              | spa592    |
|                                      |          | rising            | spa593    |
|                                      |          | falling           | spa594    |
| w                                    | w        | flat              | spa596    |
|                                      |          | rising            | spa597    |
|                                      |          | falling           | spa598    |
| x                                    | x        | flat              | spa600    |
|                                      |          | rising            | spa601    |
|                                      |          | falling           | spa602    |
| y                                    | y        | flat              | spa604    |
|                                      |          | rising            | spa605    |
|                                      |          | falling           | spa606    |
| z                                    | z        | flat              | spa608    |
|                                      |          | rising            | spa609    |
|                                      |          | falling           | spa610    |
| negativo                             | negative | flat              | spa616    |
|                                      |          | rising            | spa617    |
|                                      |          | falling           | spa618    |
| y                                    | and      | flat              | spa620    |
|                                      |          | rising            | spa621    |
|                                      |          | falling           | spa622    |
| hora                                 | hour     | flat              | spa624    |
|                                      |          | rising            | spa625    |
|                                      |          | falling           | spa626    |

**Spanish audio (Sheet 10 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| horas                                       | hours          | flat                     | spa628           |
|                                             |                | rising                   | spa629           |
|                                             |                | falling                  | spa630           |
| minuto                                      | minute         | flat                     | spa632           |
|                                             |                | rising                   | spa633           |
|                                             |                | falling                  | spa634           |
| minutos                                     | minutes        | flat                     | spa636           |
|                                             |                | rising                   | spa637           |
|                                             |                | falling                  | spa638           |
| segundo                                     | second         | flat                     | spa640           |
|                                             |                | rising                   | spa641           |
|                                             |                | falling                  | spa642           |
| segundos                                    | seconds        | flat                     | spa644           |
|                                             |                | rising                   | spa645           |
|                                             |                | falling                  | spa646           |
| enero                                       | January        | flat                     | spa648           |
|                                             |                | rising                   | spa649           |
|                                             |                | falling                  | spa650           |
| febrero                                     | February       | flat                     | spa652           |
|                                             |                | rising                   | spa653           |
|                                             |                | falling                  | spa654           |
| marzo                                       | March          | flat                     | spa656           |
|                                             |                | rising                   | spa657           |
|                                             |                | falling                  | spa658           |
| abril                                       | April          | flat                     | spa660           |
|                                             |                | rising                   | spa661           |
|                                             |                | falling                  | spa662           |

**Spanish audio (Sheet 11 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| mayo                                        | May            | flat                     | spa664           |
|                                             |                | rising                   | spa665           |
|                                             |                | falling                  | spa666           |
| junio                                       | June           | flat                     | spa668           |
|                                             |                | rising                   | spa669           |
|                                             |                | falling                  | spa670           |
| julio                                       | July           | flat                     | spa672           |
|                                             |                | rising                   | spa673           |
|                                             |                | falling                  | spa674           |
| agosto                                      | August         | flat                     | spa676           |
|                                             |                | rising                   | spa677           |
|                                             |                | falling                  | spa678           |
| septiembre                                  | September      | flat                     | spa680           |
|                                             |                | rising                   | spa681           |
|                                             |                | falling                  | spa682           |
| octubre                                     | October        | flat                     | spa684           |
|                                             |                | rising                   | spa685           |
|                                             |                | falling                  | spa686           |
| noviembre                                   | November       | flat                     | spa688           |
|                                             |                | rising                   | spa689           |
|                                             |                | falling                  | spa690           |
| diciembre                                   | December       | flat                     | spa692           |
|                                             |                | rising                   | spa693           |
|                                             |                | falling                  | spa694           |
| domingo                                     | Sunday         | flat                     | spa696           |
|                                             |                | rising                   | spa697           |
|                                             |                | falling                  | spa698           |

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| <b>Spanish phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------|--------------------------|------------------|
| lunes                                       | Monday              | flat                     | spa700           |
|                                             |                     | rising                   | spa701           |
|                                             |                     | falling                  | spa702           |
| martes                                      | Tuesday             | flat                     | spa704           |
|                                             |                     | rising                   | spa705           |
|                                             |                     | falling                  | spa706           |
| miercoles                                   | Wednesday           | flat                     | spa708           |
|                                             |                     | rising                   | spa709           |
|                                             |                     | falling                  | spa710           |
| jueves                                      | Thursday            | flat                     | spa712           |
|                                             |                     | rising                   | spa713           |
|                                             |                     | falling                  | spa714           |
| viernes                                     | Friday              | flat                     | spa716           |
|                                             |                     | rising                   | spa717           |
|                                             |                     | falling                  | spa718           |
| sabado                                      | Saturday            | flat                     | spa720           |
|                                             |                     | rising                   | spa721           |
|                                             |                     | falling                  | spa722           |
| primero                                     | first<br>(counting) | flat                     | spa728           |
|                                             |                     | rising                   | spa729           |
|                                             |                     | falling                  | spa730           |
| segundo                                     | second              | flat                     | spa732           |
|                                             |                     | rising                   | spa733           |
|                                             |                     | falling                  | spa734           |
| tercero                                     | 3rd<br>(counting)   | flat                     | spa736           |
|                                             |                     | rising                   | spa737           |
|                                             |                     | falling                  | spa738           |

**Spanish audio (Sheet 13 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| cuarto                                      | fourth         | flat                     | spa740           |
|                                             |                | rising                   | spa741           |
|                                             |                | falling                  | spa742           |
| quinto                                      | fifth          | flat                     | spa744           |
|                                             |                | rising                   | spa745           |
|                                             |                | falling                  | spa746           |
| sexto                                       | sixth          | flat                     | spa748           |
|                                             |                | rising                   | spa749           |
|                                             |                | falling                  | spa750           |
| septimo                                     | seventh        | flat                     | spa752           |
|                                             |                | rising                   | spa753           |
|                                             |                | falling                  | spa754           |
| octavo                                      | eighth         | flat                     | spa756           |
|                                             |                | rising                   | spa757           |
|                                             |                | falling                  | spa758           |
| noveno                                      | ninth          | flat                     | spa760           |
|                                             |                | rising                   | spa761           |
|                                             |                | falling                  | spa762           |
| decimo                                      | tenth          | flat                     | spa764           |
|                                             |                | rising                   | spa765           |
|                                             |                | falling                  | spa766           |
| decimo primeiro                             | eleventh       | flat                     | spa768           |
|                                             |                | rising                   | spa769           |
|                                             |                | falling                  | spa770           |
| duodecimo                                   | twelfth        | flat                     | spa772           |
|                                             |                | rising                   | spa773           |
|                                             |                | falling                  | spa774           |

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| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| decimo terceiro                             | thirteenth     | flat                     | spa776           |
|                                             |                | rising                   | spa777           |
|                                             |                | falling                  | spa778           |
| decimo cuarto                               | fourteenth     | flat                     | spa780           |
|                                             |                | rising                   | spa781           |
|                                             |                | falling                  | spa782           |
| decimo quinto                               | fifteenth      | flat                     | spa784           |
|                                             |                | rising                   | spa785           |
|                                             |                | falling                  | spa786           |
| decimo sexto                                | sixteenth      | flat                     | spa788           |
|                                             |                | rising                   | spa789           |
|                                             |                | falling                  | spa790           |
| decimo septimo                              | seventeenth    | flat                     | spa792           |
|                                             |                | rising                   | spa793           |
|                                             |                | falling                  | spa794           |
| decimo ocatvo                               | eighteenth     | flat                     | spa796           |
|                                             |                | rising                   | spa797           |
|                                             |                | falling                  | spa798           |
| decimo noveno                               | nineteenth     | flat                     | spa800           |
|                                             |                | rising                   | spa801           |
|                                             |                | falling                  | spa802           |
| vigésimo                                    | twentieth      | flat                     | spa804           |
|                                             |                | rising                   | spa805           |
|                                             |                | falling                  | spa806           |
| trigesimo                                   | thirtieth      | flat                     | spa808           |
|                                             |                | rising                   | spa809           |
|                                             |                | falling                  | spa810           |

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| <b>Spanish phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-------------------|--------------------------|------------------|
| cuadragesimo                                | fortieth          | flat                     | spa812           |
|                                             |                   | rising                   | spa813           |
|                                             |                   | falling                  | spa814           |
| quincuagesimo                               | fiftieth          | flat                     | spa816           |
|                                             |                   | rising                   | spa817           |
|                                             |                   | falling                  | spa818           |
| sexagesimo                                  | sixtieth          | flat                     | spa820           |
|                                             |                   | rising                   | spa821           |
|                                             |                   | falling                  | spa822           |
| septuagesimo                                | seventieth        | flat                     | spa824           |
|                                             |                   | rising                   | spa825           |
|                                             |                   | falling                  | spa826           |
| octagesimo                                  | eightieth         | flat                     | spa828           |
|                                             |                   | rising                   | spa829           |
|                                             |                   | falling                  | spa830           |
| nonagesimo                                  | ninetieth         | flat                     | spa832           |
|                                             |                   | rising                   | spa833           |
|                                             |                   | falling                  | spa834           |
| centesimo                                   | one-hundredth     | flat                     | spa836           |
|                                             |                   | rising                   | spa837           |
|                                             |                   | falling                  | spa838           |
| "simbolo de numero"                         | pound sign<br>(#) | flat                     | spa896           |
|                                             |                   | rising                   | spa897           |
|                                             |                   | falling                  | spa898           |
| asterisco                                   | asterisk<br>(*)   | flat                     | spa900           |
|                                             |                   | rising                   | spa901           |
|                                             |                   | falling                  | spa902           |

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| Spanish phrase or English equivalent | English               | Phrase intonation | File name |
|--------------------------------------|-----------------------|-------------------|-----------|
| dollar                               | dollar<br>(US)        | flat              | spa1200   |
|                                      |                       | rising            | spa1201   |
|                                      |                       | falling           | spa1202   |
| dollars                              | dollars<br>(US)       | flat              | spa1204   |
|                                      |                       | rising            | spa1205   |
|                                      |                       | falling           | spa1206   |
| cent                                 | cent<br>(US)          | flat              | spa1208   |
|                                      |                       | rising            | spa1209   |
|                                      |                       | falling           | spa1210   |
| cents                                | cents<br>(US)         | flat              | spa1212   |
|                                      |                       | rising            | spa1213   |
|                                      |                       | falling           | spa1214   |
| mark                                 | mark<br>(Germany)     | flat              | spa1216   |
|                                      |                       | rising            | spa1217   |
|                                      |                       | falling           | spa1218   |
| marks                                | marks<br>(Germany)    | flat              | spa1220   |
|                                      |                       | rising            | spa1221   |
|                                      |                       | falling           | spa1222   |
| pfennig                              | pfennig<br>(Germany)  | flat              | spa1224   |
|                                      |                       | rising            | spa1225   |
|                                      |                       | falling           | spa1226   |
| pfennigs                             | pfennigs<br>(Germany) | flat              | spa1228   |
|                                      |                       | rising            | spa1229   |
|                                      |                       | falling           | spa1230   |
| yen                                  | yen<br>(Japan)        | flat              | spa1232   |
|                                      |                       | rising            | spa1233   |
|                                      |                       | falling           | spa1234   |

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| <b>Spanish phrase or English equivalent</b> | <b>English</b>            | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------------|--------------------------|------------------|
| yens                                        | yens<br>(Japan)           | flat                     | spa1236          |
|                                             |                           | rising                   | spa1237          |
|                                             |                           | falling                  | spa1238          |
| lira                                        | lira<br>(Italy)           | flat                     | spa1240          |
|                                             |                           | rising                   | spa1241          |
|                                             |                           | falling                  | spa1242          |
| liras                                       | liras<br>(Italy)          | flat                     | spa1244          |
|                                             |                           | rising                   | spa1245          |
|                                             |                           | falling                  | spa1246          |
| guilder                                     | guilder<br>(Netherlands)  | flat                     | spa1248          |
|                                             |                           | rising                   | spa1249          |
|                                             |                           | falling                  | spa1250          |
| guilders                                    | guilders<br>(Netherlands) | flat                     | spa1252          |
|                                             |                           | rising                   | spa1253          |
|                                             |                           | falling                  | spa1254          |
| cent                                        | cent<br>(Netherlands)     | flat                     | spa1256          |
|                                             |                           | rising                   | spa1257          |
|                                             |                           | falling                  | spa1258          |
| cents                                       | cents<br>(Netherlands)    | flat                     | spa1260          |
|                                             |                           | rising                   | spa1261          |
|                                             |                           | falling                  | spa1262          |
| pound                                       | pound<br>(UK)             | flat                     | spa1264          |
|                                             |                           | rising                   | spa1265          |
|                                             |                           | falling                  | spa1266          |
| pounds                                      | pounds<br>(UK)            | flat                     | spa1268          |
|                                             |                           | rising                   | spa1269          |
|                                             |                           | falling                  | spa1270          |

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| <b>Spanish phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------------|--------------------------|------------------|
| penny                                       | penny<br>(UK)         | flat                     | spa1272          |
|                                             |                       | rising                   | spa1273          |
|                                             |                       | falling                  | spa1274          |
| pence                                       | pence<br>(UK)         | flat                     | spa1276          |
|                                             |                       | rising                   | spa1277          |
|                                             |                       | falling                  | spa1278          |
| euro                                        | euro<br>(Europe)      | flat                     | spa1280          |
|                                             |                       | rising                   | spa1281          |
|                                             |                       | falling                  | spa1282          |
| euros                                       | euros<br>(Europe)     | flat                     | spa1284          |
|                                             |                       | rising                   | spa1285          |
|                                             |                       | falling                  | spa1286          |
| eurocent                                    | eurocent<br>(Europe)  | flat                     | spa1288          |
|                                             |                       | rising                   | spa1289          |
|                                             |                       | falling                  | spa1290          |
| eurocents                                   | eurocents<br>(Europe) | flat                     | spa1292          |
|                                             |                       | rising                   | spa1293          |
|                                             |                       | falling                  | spa1294          |
| franc                                       | franc<br>(France)     | flat                     | spa1296          |
|                                             |                       | rising                   | spa1297          |
|                                             |                       | falling                  | spa1298          |
| francs                                      | francs<br>(France)    | flat                     | spa1300          |
|                                             |                       | rising                   | spa1301          |
|                                             |                       | falling                  | spa1302          |
| centime                                     | centime<br>(France)   | flat                     | spa1304          |
|                                             |                       | rising                   | spa1305          |
|                                             |                       | falling                  | spa1306          |

## Spanish audio (Sheet 19 of 36)

| Spanish phrase or English equivalent | English                   | Phrase intonation | File name |
|--------------------------------------|---------------------------|-------------------|-----------|
| centimes                             | centimes<br>(France)      | flat              | spa1308   |
|                                      |                           | rising            | spa1309   |
|                                      |                           | falling           | spa1310   |
| peseta                               | peseta<br>(Spain)         | flat              | spa1312   |
|                                      |                           | rising            | spa1313   |
|                                      |                           | falling           | spa1314   |
| pesetas                              | pesetas<br>(Spain)        | flat              | spa1316   |
|                                      |                           | rising            | spa1317   |
|                                      |                           | falling           | spa1318   |
| peso                                 | peso<br>(Philippines)     | flat              | spa1328   |
|                                      |                           | rising            | spa1329   |
|                                      |                           | falling           | spa1330   |
| pesos                                | pesos<br>(Philippines)    | flat              | spa1332   |
|                                      |                           | rising            | spa1333   |
|                                      |                           | falling           | spa1334   |
| centavo                              | centavo<br>(Philippines)  | flat              | spa1336   |
|                                      |                           | rising            | spa1337   |
|                                      |                           | falling           | spa1338   |
| centavos                             | centavos<br>(Philippines) | flat              | spa1340   |
|                                      |                           | rising            | spa1341   |
|                                      |                           | falling           | spa1342   |
| ringgit                              | ringgit<br>(Malaysia)     | flat              | spa1344   |
|                                      |                           | rising            | spa1345   |
|                                      |                           | falling           | spa1346   |
| ringgits                             | ringgits<br>(Malaysia)    | flat              | spa1348   |
|                                      |                           | rising            | spa1349   |
|                                      |                           | falling           | spa1350   |

**Spanish audio (Sheet 20 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------------|--------------------------|------------------|
| sen                                         | sen<br>(Malaysia)     | flat                     | spa1352          |
|                                             |                       | rising                   | spa1353          |
|                                             |                       | falling                  | spa1354          |
| sens                                        | sens<br>(Malaysia)    | flat                     | spa1356          |
|                                             |                       | rising                   | spa1357          |
|                                             |                       | falling                  | spa1358          |
| baht                                        | baht<br>(Thailand)    | flat                     | spa1360          |
|                                             |                       | rising                   | spa1361          |
|                                             |                       | falling                  | spa1362          |
| bahts                                       | bahts<br>(Thailand)   | flat                     | spa1364          |
|                                             |                       | rising                   | spa1365          |
|                                             |                       | falling                  | spa1366          |
| satang                                      | satang<br>(Thailand)  | flat                     | spa1368          |
|                                             |                       | rising                   | spa1369          |
|                                             |                       | falling                  | spa1370          |
| satangs                                     | satangs<br>(Thailand) | flat                     | spa1372          |
|                                             |                       | rising                   | spa1373          |
|                                             |                       | falling                  | spa1374          |
| won                                         | won<br>(Korea)        | flat                     | spa1376          |
|                                             |                       | rising                   | spa1377          |
|                                             |                       | falling                  | spa1378          |
| wons                                        | wons<br>(Korea)       | flat                     | spa1380          |
|                                             |                       | rising                   | spa1381          |
|                                             |                       | falling                  | spa1382          |
| franc                                       | franc<br>(Belgium)    | flat                     | spa1384          |
|                                             |                       | rising                   | spa1385          |
|                                             |                       | falling                  | spa1386          |

## Spanish audio (Sheet 21 of 36)

| Spanish phrase or English equivalent | English                | Phrase intonation | File name |
|--------------------------------------|------------------------|-------------------|-----------|
| francs                               | francs<br>(Belgium)    | flat              | spa 1388  |
|                                      |                        | rising            | spa1389   |
|                                      |                        | falling           | spa1390   |
| centime                              | centime<br>(Belgium)   | flat              | spa1392   |
|                                      |                        | rising            | spa1393   |
|                                      |                        | falling           | spa1394   |
| centimes                             | centimes<br>(Belgium)  | flat              | spa1396   |
|                                      |                        | rising            | spa1397   |
|                                      |                        | falling           | spa1398   |
| dollar                               | dollar<br>(Canada)     | flat              | spa1400   |
|                                      |                        | rising            | spa1401   |
|                                      |                        | falling           | spa1402   |
| dollars                              | dollars<br>(Canada)    | flat              | spa1404   |
|                                      |                        | rising            | spa1405   |
|                                      |                        | falling           | spa1406   |
| cent                                 | cent<br>(Canada)       | flat              | spa1408   |
|                                      |                        | rising            | spa1409   |
|                                      |                        | falling           | spa1410   |
| cents                                | cents<br>(Canada)      | flat              | spa1412   |
|                                      |                        | rising            | spa1413   |
|                                      |                        | falling           | spa1414   |
| dollar                               | dollar<br>(Hong Kong)  | flat              | spa1416   |
|                                      |                        | rising            | spa1417   |
|                                      |                        | falling           | spa1418   |
| dollars                              | dollars<br>(Hong Kong) | flat              | spa1420   |
|                                      |                        | rising            | spa1421   |
|                                      |                        | falling           | spa1422   |

**Spanish audio (Sheet 22 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b>         | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------------|--------------------------|------------------|
| gok                                         | gok<br>(Hong Kong)     | flat                     | spa1488          |
|                                             |                        | rising                   | spa1489          |
|                                             |                        | falling                  | spa1490          |
| goks                                        | goks<br>(Hong Kong)    | flat                     | spa1492          |
|                                             |                        | rising                   | spa1493          |
|                                             |                        | falling                  | spa1494          |
| cent                                        | cent<br>(Hong Kong)    | flat                     | spa1424          |
|                                             |                        | rising                   | spa1425          |
|                                             |                        | falling                  | spa1426          |
| cents                                       | cents<br>(Hong Kong)   | flat                     | spa1428          |
|                                             |                        | rising                   | spa1429          |
|                                             |                        | falling                  | spa1430          |
| escudo                                      | escudo<br>(Portugal)   | flat                     | spa1432          |
|                                             |                        | rising                   | spa1433          |
|                                             |                        | falling                  | spa1434          |
| escudos                                     | escudos<br>(Portugal)  | flat                     | spa1436          |
|                                             |                        | rising                   | spa1437          |
|                                             |                        | falling                  | spa1438          |
| centavo                                     | centavo<br>(Portugal)  | flat                     | spa1440          |
|                                             |                        | rising                   | spa1441          |
|                                             |                        | falling                  | spa1442          |
| centavos                                    | centavos<br>(Portugal) | flat                     | spa1444          |
|                                             |                        | rising                   | spa1445          |
|                                             |                        | falling                  | spa1446          |
| yuan                                        | yuan<br>(China)        | flat                     | spa1448          |
|                                             |                        | rising                   | spa1449          |
|                                             |                        | falling                  | spa1450          |

## Spanish audio (Sheet 23 of 36)

| Spanish phrase or English equivalent | English             | Phrase intonation | File name |
|--------------------------------------|---------------------|-------------------|-----------|
| yuans                                | yuans<br>(China)    | flat              | spa1452   |
|                                      |                     | rising            | spa1453   |
|                                      |                     | falling           | spa1454   |
| jiao                                 | jiao<br>(China)     | flat              | spa1456   |
|                                      |                     | rising            | spa1457   |
|                                      |                     | falling           | spa1458   |
| jiaos                                | jiaos<br>(China)    | flat              | spa1460   |
|                                      |                     | rising            | spa1461   |
|                                      |                     | falling           | spa1462   |
| fen                                  | fen<br>(China)      | flat              | spa1464   |
|                                      |                     | rising            | spa1465   |
|                                      |                     | falling           | spa1466   |
| fens                                 | fens<br>(China)     | flat              | spa1468   |
|                                      |                     | rising            | spa1469   |
|                                      |                     | falling           | spa1470   |
| pound                                | pound<br>(Ireland)  | flat              | spa1472   |
|                                      |                     | rising            | spa1473   |
|                                      |                     | falling           | spa1474   |
| pounds                               | pounds<br>(Ireland) | flat              | spa1476   |
|                                      |                     | rising            | spa1477   |
|                                      |                     | falling           | spa1478   |
| penny                                | penny<br>(Ireland)  | flat              | spa1480   |
|                                      |                     | rising            | spa1481   |
|                                      |                     | falling           | spa1482   |
| pence                                | pence<br>(Ireland)  | flat              | spa1484   |
|                                      |                     | rising            | spa1485   |
|                                      |                     | falling           | spa1486   |

## Spanish audio (Sheet 24 of 36)

| Spanish phrase or English equivalent | English       | Phrase intonation | File name |
|--------------------------------------|---------------|-------------------|-----------|
| un                                   | one<br>(masc) | flat              | spa920    |
|                                      |               | rising            | spa921    |
|                                      |               | falling           | spa922    |
| una                                  | one<br>(fem)  | flat              | spa924    |
|                                      |               | rising            | spa925    |
|                                      |               | falling           | spa926    |
| cien                                 | 100           | flat              | spa928    |
|                                      |               | rising            | spa929    |
|                                      |               | falling           | spa930    |
| cienta                               | 100<br>(fem)  | flat              | spa932    |
|                                      |               | rising            | spa933    |
|                                      |               | falling           | spa934    |
| doscientas                           | 200<br>(fem)  | flat              | spa936    |
|                                      |               | rising            | spa937    |
|                                      |               | falling           | spa938    |
| trescientas                          | 300<br>(fem)  | flat              | spa940    |
|                                      |               | rising            | spa941    |
|                                      |               | falling           | spa942    |
| cuatrocientas                        | 400<br>(fem)  | flat              | spa944    |
|                                      |               | rising            | spa945    |
|                                      |               | falling           | spa946    |
| qucientas                            | 500<br>(fem)  | flat              | spa948    |
|                                      |               | rising            | spa949    |
|                                      |               | falling           | spa950    |
| seiscientas                          | 600<br>(fem)  | flat              | spa952    |
|                                      |               | rising            | spa953    |
|                                      |               | falling           | spa954    |

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| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| setecientas                                 | 700            | flat                     | spa956           |
|                                             | (fem)          | rising                   | spa957           |
|                                             |                | falling                  | spa958           |
| ochocientas                                 | 800            | flat                     | spa960           |
|                                             | (fem)          | rising                   | spa961           |
|                                             |                | falling                  | spa962           |
| novecientas                                 | 900            | flat                     | spa964           |
|                                             | (fem)          | rising                   | spa965           |
|                                             |                | falling                  | spa966           |
| trienta y                                   | "thirty and"   | flat                     | spa968           |
|                                             |                | rising                   | spa969           |
|                                             |                | falling                  | spa970           |
| cuarenta y                                  | "forty and"    | flat                     | spa972           |
|                                             |                | rising                   | spa973           |
|                                             |                | falling                  | spa974           |
| cincuenta y                                 | "fifty and"    | flat                     | spa976           |
|                                             |                | rising                   | spa977           |
|                                             |                | falling                  | spa978           |
| sesenta y                                   | "sixty and"    | flat                     | spa980           |
|                                             |                | rising                   | spa981           |
|                                             |                | falling                  | spa982           |
| setenta y                                   | "seventy and"  | flat                     | spa984           |
|                                             |                | rising                   | spa985           |
|                                             |                | falling                  | spa986           |
| ochenta y                                   | "eighty and"   | flat                     | spa988           |
|                                             |                | rising                   | spa989           |
|                                             |                | falling                  | spa990           |

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| <b>Spanish phrase or English equivalent</b> | <b>English</b>   | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------|--------------------------|------------------|
| noventa y                                   |                  | flat                     | spa992           |
|                                             |                  | rising                   | spa993           |
|                                             |                  | falling                  | spa994           |
| primera                                     | first<br>(fem)   | flat                     | spa1032          |
|                                             |                  | rising                   | spa1033          |
|                                             |                  | falling                  | spa1034          |
| segunda                                     | second<br>(fem)  | flat                     | spa1036          |
|                                             |                  | rising                   | spa1037          |
|                                             |                  | falling                  | spa1038          |
| tercera                                     | third<br>(fem)   | flat                     | spa1040          |
|                                             |                  | rising                   | spa1041          |
|                                             |                  | falling                  | spa1042          |
| cuarta                                      | fourth<br>(fem)  | flat                     | spa1044          |
|                                             |                  | rising                   | spa1045          |
|                                             |                  | falling                  | spa1046          |
| quinta                                      | fifth<br>(fem)   | flat                     | spa1048          |
|                                             |                  | rising                   | spa1049          |
|                                             |                  | falling                  | spa1050          |
| sexta                                       | sixth<br>(fem)   | flat                     | spa1052          |
|                                             |                  | rising                   | spa1053          |
|                                             |                  | falling                  | spa1054          |
| septima                                     | seventh<br>(fem) | flat                     | spa1056          |
|                                             |                  | rising                   | spa1057          |
|                                             |                  | falling                  | spa1058          |
| octava                                      | eighth<br>(fem)  | flat                     | spa1060          |
|                                             |                  | rising                   | spa1061          |
|                                             |                  | falling                  | spa1062          |

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| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| novena                                      | ninth          | flat                     | spa1064          |
|                                             | (fem)          | rising                   | spa1065          |
|                                             |                | falling                  | spa1066          |
| decima                                      | tenth          | flat                     | spa1068          |
|                                             | (fem)          | rising                   | spa1069          |
|                                             |                | falling                  | spa1070          |
| undecima                                    | eleventh       | flat                     | spa1072          |
|                                             | (fem)          | rising                   | spa1073          |
|                                             |                | falling                  | spa1074          |
| duodecima                                   | twelfth        | flat                     | spa1076          |
|                                             | (fem)          | rising                   | spa1077          |
|                                             |                | falling                  | spa1078          |
| decimotercera                               | thirteenth     | flat                     | spa1080          |
|                                             | (fem)          | rising                   | spa1081          |
|                                             |                | falling                  | spa1082          |
| decimocuarta                                | fourteenth     | flat                     | spa1084          |
|                                             | (fem)          | rising                   | spa1085          |
|                                             |                | falling                  | spa1086          |
| decimoquinta                                | fifteenth      | flat                     | spa1088          |
|                                             | (fem)          | rising                   | spa1089          |
|                                             |                | falling                  | spa1090          |
| decimosexta                                 | sixteenth      | flat                     | spa1092          |
|                                             | (fem)          | rising                   | spa1093          |
|                                             |                | falling                  | spa1094          |
| decimoseptima                               | seventeenth    | flat                     | spa1096          |
|                                             | (fem)          | rising                   | spa1097          |
|                                             |                | falling                  | spa1098          |

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| <b>Spanish phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------|--------------------------|------------------|
| decimoctava                                 | eighteenth<br>(fem) | flat                     | spa1100          |
|                                             |                     | rising                   | spa1101          |
|                                             |                     | falling                  | spa1102          |
| decimonovena                                | nineteenth<br>(fem) | flat                     | spa1104          |
|                                             |                     | rising                   | spa1105          |
|                                             |                     | falling                  | spa1106          |
| vigésima                                    | twentieth<br>(fem)  | flat                     | spa1108          |
|                                             |                     | rising                   | spa1109          |
|                                             |                     | falling                  | spa1110          |
| trigesima                                   | thirtieth<br>(fem)  | flat                     | spa1112          |
|                                             |                     | rising                   | spa1113          |
|                                             |                     | falling                  | spa1114          |
| cuadragésima                                | fortieth<br>(fem)   | flat                     | spa1116          |
|                                             |                     | rising                   | spa1117          |
|                                             |                     | falling                  | spa1118          |
| quincuagesima                               | fiftieth<br>(fem)   | flat                     | spa1120          |
|                                             |                     | rising                   | spa1121          |
|                                             |                     | falling                  | spa1122          |
| sexagesima                                  | sixtieth<br>(fem)   | flat                     | spa1124          |
|                                             |                     | rising                   | spa1125          |
|                                             |                     | falling                  | spa1126          |
| septuagesima                                | seventieth<br>(fem) | flat                     | spa1128          |
|                                             |                     | rising                   | spa1129          |
|                                             |                     | falling                  | spa1130          |
| octogésima                                  | eightieth<br>(fem)  | flat                     | spa1132          |
|                                             |                     | rising                   | spa1133          |
|                                             |                     | falling                  | spa1134          |

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| Spanish phrase or English equivalent | English                 | Phrase intonation | File name |
|--------------------------------------|-------------------------|-------------------|-----------|
| nonagesima                           | ninetieth<br>(fem)      | flat              | spa1136   |
|                                      |                         | rising            | spa1137   |
|                                      |                         | falling           | spa1138   |
| centesima                            | one-hundredth<br>(fem)  | flat              | spa1140   |
|                                      |                         | rising            | spa1141   |
|                                      |                         | falling           | spa1142   |
| millones                             | millions                | flat              | spa1144   |
|                                      |                         | rising            | spa1145   |
|                                      |                         | falling           | spa1146   |
| de                                   | of                      | flat              | spa1148   |
|                                      |                         | rising            | spa1149   |
|                                      |                         | falling           | spa1150   |
| ventiun                              | twenty-one (masc)       | flat              | spa1152   |
|                                      |                         | rising            | spa1153   |
|                                      |                         | falling           | spa1154   |
| ventiuna                             | twenty-one<br>(fem)     | flat              | spa1156   |
|                                      |                         | rising            | spa1157   |
|                                      |                         | falling           | spa1158   |
| primer                               | first<br>(masc)         | flat              | spa1160   |
|                                      |                         | rising            | spa1161   |
|                                      |                         | falling           | spa1162   |
| tercer                               | third<br>(masc)         | flat              | spa1164   |
|                                      |                         | rising            | spa1165   |
|                                      |                         | falling           | spa1166   |
| primeros                             | first<br>(masc, plural) | flat              | spa1500   |
|                                      |                         | rising            | spa1501   |
|                                      |                         | falling           | spa1502   |

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| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| segundos                                    | second         | flat                     | spa1504          |
|                                             | (masc, plural) | rising                   | spa1505          |
|                                             |                | falling                  | spa1506          |
| terceros                                    | third          | flat                     | spa1508          |
|                                             | (masc, plural) | rising                   | spa1509          |
|                                             |                | falling                  | spa1510          |
| cuartos                                     | fourth         | flat                     | spa1512          |
|                                             | (masc, plural) | rising                   | spa1513          |
|                                             |                | falling                  | spa1514          |
| quintos                                     | fifth          | flat                     | spa1516          |
|                                             | (masc, plural) | rising                   | spa1517          |
|                                             |                | falling                  | spa1518          |
| sextos                                      | sixth          | flat                     | spa1520          |
|                                             | (masc, plural) | rising                   | spa1521          |
|                                             |                | falling                  | spa1522          |
| septimos                                    | seventh        | flat                     | spa1524          |
|                                             | (masc, plural) | rising                   | spa1525          |
|                                             |                | falling                  | spa1526          |
| octavos                                     | eighth         | flat                     | spa1528          |
|                                             | (masc, plural) | rising                   | spa1529          |
|                                             |                | falling                  | spa1530          |
| novenos                                     | ninth          | flat                     | spa1532          |
|                                             | (masc, plural) | rising                   | spa1533          |
|                                             |                | falling                  | spa1534          |
| decimos                                     | tenth          | flat                     | spa1536          |
|                                             | (masc, plural) | rising                   | spa1537          |
|                                             |                | falling                  | spa1538          |

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| <b>Spanish phrase or English equivalent</b> | <b>English</b>                | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-------------------------------|--------------------------|------------------|
| undecimos                                   | eleventh<br>(masc, plural)    | flat                     | spa1540          |
|                                             |                               | rising                   | spa1541          |
|                                             |                               | falling                  | spa1542          |
| duodecimos                                  | twelfth<br>(masc, plural)     | flat                     | spa1544          |
|                                             |                               | rising                   | spa1545          |
|                                             |                               | falling                  | spa1546          |
| decimoterceros                              | thirteenth<br>(masc, plural)  | flat                     | spa1548          |
|                                             |                               | rising                   | spa1549          |
|                                             |                               | falling                  | spa1550          |
| decimocuartos                               | fourteenth<br>(masc, plural)  | flat                     | spa1552          |
|                                             |                               | rising                   | spa1553          |
|                                             |                               | falling                  | spa1554          |
| decimoquintos                               | fifteenth<br>(masc, plural)   | flat                     | spa1556          |
|                                             |                               | rising                   | spa1557          |
|                                             |                               | falling                  | spa1558          |
| decimosextos                                | sixteenth<br>(masc, plural)   | flat                     | spa1560          |
|                                             |                               | rising                   | spa1561          |
|                                             |                               | falling                  | spa1562          |
| decimoseptimos                              | seventeenth<br>(masc, plural) | flat                     | spa1564          |
|                                             |                               | rising                   | spa1565          |
|                                             |                               | falling                  | spa1566          |
| decimooctavos                               | eighteenth<br>(masc, plural)  | flat                     | spa1568          |
|                                             |                               | rising                   | spa1569          |
|                                             |                               | falling                  | spa1570          |
| decimonovenos                               | nineteenth<br>(masc, plural)  | flat                     | spa1572          |
|                                             |                               | rising                   | spa1573          |
|                                             |                               | falling                  | spa1574          |

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| <b>Spanish phrase or English equivalent</b> | <b>English</b>                  | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------------------|--------------------------|------------------|
| vigésimos                                   | twentieth<br>(masc, plural)     | flat                     | spa1576          |
|                                             |                                 | rising                   | spa1577          |
|                                             |                                 | falling                  | spa1578          |
| trigesimos                                  | thirtieth<br>(masc, plural)     | flat                     | spa1580          |
|                                             |                                 | rising                   | spa1581          |
|                                             |                                 | falling                  | spa1582          |
| cuadragésimos                               | fortieth<br>(masc, plural)      | flat                     | spa1584          |
|                                             |                                 | rising                   | spa1585          |
|                                             |                                 | falling                  | spa1586          |
| quincuagesimos                              | fiftieth<br>(masc, plural)      | flat                     | spa1588          |
|                                             |                                 | rising                   | spa1589          |
|                                             |                                 | falling                  | spa1590          |
| sexagesimos                                 | sixtieth<br>(masc, plural)      | flat                     | spa1592          |
|                                             |                                 | rising                   | spa1593          |
|                                             |                                 | falling                  | spa1594          |
| septuagesimos                               | seventieth<br>(masc, plural)    | flat                     | spa1596          |
|                                             |                                 | rising                   | spa1597          |
|                                             |                                 | falling                  | spa1598          |
| octogésimos                                 | eightieth<br>(masc, plural)     | flat                     | spa1600          |
|                                             |                                 | rising                   | spa1601          |
|                                             |                                 | falling                  | spa1602          |
| nonagesimos                                 | ninetieth<br>(masc, plural)     | flat                     | spa1604          |
|                                             |                                 | rising                   | spa1605          |
|                                             |                                 | falling                  | spa1606          |
| centésimos                                  | one-hundredth<br>(masc, plural) | flat                     | spa1608          |
|                                             |                                 | rising                   | spa1609          |
|                                             |                                 | falling                  | spa1610          |

**Spanish audio (Sheet 33 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|--------------------------|--------------------------|------------------|
| primeras                                    | first<br>(fem, plural)   | flat                     | spa1612          |
|                                             |                          | rising                   | spa1613          |
|                                             |                          | falling                  | spa1614          |
| segundas                                    | second<br>(fem, plural)  | flat                     | spa1616          |
|                                             |                          | rising                   | spa1617          |
|                                             |                          | falling                  | spa1618          |
| terceras                                    | third<br>(fem, plural)   | flat                     | spa1620          |
|                                             |                          | rising                   | spa1621          |
|                                             |                          | falling                  | spa1622          |
| cuartas                                     | fourth<br>(fem, plural)  | flat                     | spa1624          |
|                                             |                          | rising                   | spa1625          |
|                                             |                          | falling                  | spa1626          |
| quintas                                     | fifth<br>(fem, plural)   | flat                     | spa1628          |
|                                             |                          | rising                   | spa1629          |
|                                             |                          | falling                  | spa1630          |
| sextas                                      | sixth<br>(fem, plural)   | flat                     | spa1632          |
|                                             |                          | rising                   | spa1633          |
|                                             |                          | falling                  | spa1634          |
| septimas                                    | seventh<br>(fem, plural) | flat                     | spa1636          |
|                                             |                          | rising                   | spa1637          |
|                                             |                          | falling                  | spa1638          |
| octavas                                     | eighth<br>(fem, plural)  | flat                     | spa1640          |
|                                             |                          | rising                   | spa1641          |
|                                             |                          | falling                  | spa1642          |
| novenas                                     | ninth<br>(fem, plural)   | flat                     | spa1644          |
|                                             |                          | rising                   | spa1645          |
|                                             |                          | falling                  | spa1646          |

**Spanish audio (Sheet 34 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b>               | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------------------|--------------------------|------------------|
| decimas                                     | tenth<br>(fem, plural)       | flat                     | spa1648          |
|                                             |                              | rising                   | spa1649          |
|                                             |                              | falling                  | spa1650          |
| undecimas                                   | eleventh<br>(fem, plural)    | flat                     | spa1652          |
|                                             |                              | rising                   | spa1653          |
|                                             |                              | falling                  | spa1654          |
| duodecimas                                  | twelfth<br>(fem, plural)     | flat                     | spa1656          |
|                                             |                              | rising                   | spa1657          |
|                                             |                              | falling                  | spa1658          |
| decimoterceras                              | thirteenth<br>(fem, plural)  | flat                     | spa1660          |
|                                             |                              | rising                   | spa1661          |
|                                             |                              | falling                  | spa1662          |
| decimocuartas                               | fourteenth<br>(fem, plural)  | flat                     | spa1664          |
|                                             |                              | rising                   | spa1665          |
|                                             |                              | falling                  | spa1666          |
| decimoquintas                               | fifteenth<br>(fem, plural)   | flat                     | spa1668          |
|                                             |                              | rising                   | spa1669          |
|                                             |                              | falling                  | spa1670          |
| decimosextas                                | sixteenth<br>(fem, plural)   | flat                     | spa1672          |
|                                             |                              | rising                   | spa1673          |
|                                             |                              | falling                  | spa1674          |
| decimoseptimas                              | seventeenth<br>(fem, plural) | flat                     | spa1676          |
|                                             |                              | rising                   | spa1677          |
|                                             |                              | falling                  | spa1678          |
| decimooctavas                               | eighteenth<br>(fem, plural)  | flat                     | spa1680          |
|                                             |                              | rising                   | spa1681          |
|                                             |                              | falling                  | spa1682          |

**Spanish audio (Sheet 35 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b>              | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------------------|--------------------------|------------------|
| decimonovenas                               | nineteenth<br>(fem, plural) | flat                     | spa1684          |
|                                             |                             | rising                   | spa1685          |
|                                             |                             | falling                  | spa1686          |
| vigésimas                                   | twentieth<br>(fem, plural)  | flat                     | spa1688          |
|                                             |                             | rising                   | spa1689          |
|                                             |                             | falling                  | spa1690          |
| trigésimas                                  | thirtieth<br>(fem, plural)  | flat                     | spa1692          |
|                                             |                             | rising                   | spa1693          |
|                                             |                             | falling                  | spa1694          |
| cuadragesimas                               | fortieth<br>(fem, plural)   | flat                     | spa1696          |
|                                             |                             | rising                   | spa1697          |
|                                             |                             | falling                  | spa1698          |
| quincuagesimas                              | fiftieth<br>(fem, plural)   | flat                     | spa1700          |
|                                             |                             | rising                   | spa1701          |
|                                             |                             | falling                  | spa1702          |
| sexagesimas                                 | sixtieth<br>(fem, plural)   | flat                     | spa1704          |
|                                             |                             | rising                   | spa1705          |
|                                             |                             | falling                  | spa1706          |
| septuagesimas                               | seventieth<br>(fem, plural) | flat                     | spa1708          |
|                                             |                             | rising                   | spa1709          |
|                                             |                             | falling                  | spa1710          |
| octogesimas                                 | eightieth<br>(fem, plural)  | flat                     | spa1712          |
|                                             |                             | rising                   | spa1713          |
|                                             |                             | falling                  | spa1714          |

**Spanish audio (Sheet 36 of 36)**

| <b>Spanish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| nonagesimas                                 | ninetieth      | flat                     | spa1716          |
|                                             | (fem, plural)  | rising                   | spa1717          |
|                                             |                | falling                  | spa1718          |
| centesimas                                  | one-hundredth  | flat                     | spa1720          |
|                                             | (fem, plural)  | rising                   | spa1721          |
|                                             |                | falling                  | spa1722          |

## Tagalog audio files

**Note 1:** Use audio file names tgl508–tgl610 for the multilanguage strings functionality. Recording of this audio is optional and the content of the recording can be any word. This audio is only required when the string functionality is used.

**Note 2:** Audio file names, tgl728–tgl890 are used for playing negative numbers and NADN numbers. In Tagalog, negative numbers and NADN numbers are spoken in English. Thus, to play a negative number (both cardinal and ordinal) or an NADN number, this audio must be provisioned.

**Note 3:** Only record audio filenames tgl1200–tgl1486 if you provision audio for this currency.

### Tagalog audio (Sheet 1 of 26)

| Tagalog phrase or English equivalent | English | Phrase intonation | File name |
|--------------------------------------|---------|-------------------|-----------|
| zero                                 | zero    | flat              | tgl0      |
|                                      |         | rising            | tgl1      |
|                                      |         | falling           | tgl2      |
| one                                  | one     | flat              | tgl8      |
|                                      |         | rising            | tgl9      |
|                                      |         | falling           | tgl10     |
| two                                  | two     | flat              | tgl12     |
|                                      |         | rising            | tgl13     |
|                                      |         | falling           | tgl14     |
| three                                | three   | flat              | tgl16     |
|                                      |         | rising            | tgl17     |
|                                      |         | falling           | tgl18     |
| four                                 | four    | flat              | tgl20     |
|                                      |         | rising            | tgl21     |
|                                      |         | falling           | tgl22     |

**Tagalog audio (Sheet 2 of 26)**

| <b>Tagalog phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| five                                        | five           | flat                     | tgl24            |
|                                             |                | rising                   | tgl25            |
|                                             |                | falling                  | tgl26            |
| six                                         | six            | flat                     | tgl28            |
|                                             |                | rising                   | tgl29            |
|                                             |                | falling                  | tgl30            |
| seven                                       | seven          | flat                     | tgl33            |
|                                             |                | rising                   | tgl34            |
|                                             |                | falling                  | tgl35            |
| eight                                       | eight          | flat                     | tgl36            |
|                                             |                | rising                   | tgl37            |
|                                             |                | falling                  | tgl38            |
| nine                                        | nine           | flat                     | tgl40            |
|                                             |                | rising                   | tgl41            |
|                                             |                | falling                  | tgl42            |
| ten                                         | ten            | flat                     | tgl56            |
|                                             |                | rising                   | tgl57            |
|                                             |                | falling                  | tgl58            |
| eleven                                      | eleven         | flat                     | tgl60            |
|                                             |                | rising                   | tgl61            |
|                                             |                | falling                  | tgl62            |
| twelve                                      | twelve         | flat                     | tgl64            |
|                                             |                | rising                   | tgl65            |
|                                             |                | falling                  | tgl66            |
| thirteen                                    | thirteen       | flat                     | tgl68            |
|                                             |                | rising                   | tgl69            |
|                                             |                | falling                  | tgl70            |

**Tagalog audio (Sheet 3 of 26)**

| <b>Tagalog phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| fourteen                                    | fourteen       | flat                     | tgl72            |
|                                             |                | rising                   | tgl73            |
|                                             |                | falling                  | tgl74            |
| fifteen                                     | fifteen        | flat                     | tgl76            |
|                                             |                | rising                   | tgl77            |
|                                             |                | falling                  | tgl78            |
| sixteen                                     | sixteen        | flat                     | tgl80            |
|                                             |                | rising                   | tgl81            |
|                                             |                | falling                  | tgl82            |
| seventeen                                   | seventeen      | flat                     | tgl84            |
|                                             |                | rising                   | tgl85            |
|                                             |                | falling                  | tgl86            |
| eighteen                                    | eighteen       | flat                     | tgl88            |
|                                             |                | rising                   | tgl89            |
|                                             |                | falling                  | tgl90            |
| nineteen                                    | nineteen       | flat                     | tgl92            |
|                                             |                | rising                   | tgl93            |
|                                             |                | falling                  | tgl94            |
| twenty                                      | twenty         | flat                     | tgl96            |
|                                             |                | rising                   | tgl97            |
|                                             |                | falling                  | tgl98            |
| thirty                                      | thirty         | flat                     | tgl100           |
|                                             |                | rising                   | tgl101           |
|                                             |                | falling                  | tgl102           |
| forty                                       | forty          | flat                     | tgl104           |
|                                             |                | rising                   | tgl105           |
|                                             |                | falling                  | tgl106           |

**Tagalog audio (Sheet 4 of 26)**

| <b>Tagalog phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| fifty                                       | fifty          | flat                     | tgl108           |
|                                             |                | rising                   | tgl109           |
|                                             |                | falling                  | tgl110           |
| sixty                                       | sixty          | flat                     | tgl112           |
|                                             |                | rising                   | tgl113           |
|                                             |                | falling                  | tgl114           |
| seventy                                     | seventy        | flat                     | tgl116           |
|                                             |                | rising                   | tgl117           |
|                                             |                | falling                  | tgl118           |
| eighty                                      | eighty         | flat                     | tgl120           |
|                                             |                | rising                   | tgl121           |
|                                             |                | falling                  | tgl122           |
| ninety                                      | ninety         | flat                     | tgl124           |
|                                             |                | rising                   | tgl125           |
|                                             |                | falling                  | tgl126           |
| hundred                                     | hundred        | flat                     | tgl132           |
|                                             |                | rising                   | tgl133           |
|                                             |                | falling                  | tgl134           |
| thousand                                    | thousand       | flat                     | tgl496           |
|                                             |                | rising                   | tgl497           |
|                                             |                | falling                  | tgl498           |
| million                                     | million        | flat                     | tgl500           |
|                                             |                | rising                   | tgl501           |
|                                             |                | falling                  | tgl502           |
| billion                                     | billion        | flat                     | tgl504           |
|                                             |                | rising                   | tgl505           |
|                                             |                | falling                  | tgl506           |

**Tagalog audio (Sheet 5 of 26)**

| <b>Tagalog phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| a                                           | a              | flat                     | tgl508           |
|                                             |                | rising                   | tgl509           |
|                                             |                | falling                  | tgl510           |
| b                                           | b              | flat                     | tgl512           |
|                                             |                | rising                   | tgl513           |
|                                             |                | falling                  | tgl514           |
| c                                           | c              | flat                     | tgl516           |
|                                             |                | rising                   | tgl517           |
|                                             |                | falling                  | tgl518           |
| d                                           | d              | flat                     | tgl520           |
|                                             |                | rising                   | tgl521           |
|                                             |                | falling                  | tgl522           |
| e                                           | e              | flat                     | tgl524           |
|                                             |                | rising                   | tgl525           |
|                                             |                | falling                  | tgl526           |
| f                                           | f              | flat                     | tgl528           |
|                                             |                | rising                   | tgl529           |
|                                             |                | falling                  | tgl530           |
| g                                           | g              | flat                     | tgl532           |
|                                             |                | rising                   | tgl533           |
|                                             |                | falling                  | tgl534           |
| h                                           | h              | flat                     | tgl536           |
|                                             |                | rising                   | tgl537           |
|                                             |                | falling                  | tgl538           |
| i                                           | i              | flat                     | tgl540           |
|                                             |                | rising                   | tgl541           |
|                                             |                | falling                  | tgl542           |

## Tagalog audio (Sheet 6 of 26)

| Tagalog phrase or English equivalent | English | Phrase intonation | File name |
|--------------------------------------|---------|-------------------|-----------|
| j                                    | j       | flat              | tgl544    |
|                                      |         | rising            | tgl545    |
|                                      |         | falling           | tgl546    |
| k                                    | k       | flat              | tgl548    |
|                                      |         | rising            | tgl549    |
|                                      |         | falling           | tgl550    |
| l                                    | l       | flat              | tgl552    |
|                                      |         | rising            | tgl553    |
|                                      |         | falling           | tgl554    |
| m                                    | m       | flat              | tgl556    |
|                                      |         | rising            | tgl557    |
|                                      |         | falling           | tgl558    |
| n                                    | n       | flat              | tgl560    |
|                                      |         | rising            | tgl561    |
|                                      |         | falling           | tgl562    |
| o                                    | o       | flat              | tgl564    |
|                                      |         | rising            | tgl565    |
|                                      |         | falling           | tgl566    |
| p                                    | p       | flat              | tgl568    |
|                                      |         | rising            | tgl569    |
|                                      |         | falling           | tgl570    |
| q                                    | q       | flat              | tgl572    |
|                                      |         | rising            | tgl573    |
|                                      |         | falling           | tgl574    |
| r                                    | r       | flat              | tgl576    |
|                                      |         | rising            | tgl577    |
|                                      |         | falling           | tgl578    |

## Tagalog audio (Sheet 7 of 26)

| Tagalog phrase or English equivalent | English  | Phrase intonation | File name |
|--------------------------------------|----------|-------------------|-----------|
| s                                    | s        | flat              | tgl580    |
|                                      |          | rising            | tgl581    |
|                                      |          | falling           | tgl582    |
| t                                    | t        | flat              | tgl584    |
|                                      |          | rising            | tgl585    |
|                                      |          | falling           | tgl586    |
| u                                    | u        | flat              | tgl588    |
|                                      |          | rising            | tgl589    |
|                                      |          | falling           | tgl590    |
| v                                    | v        | flat              | tgl592    |
|                                      |          | rising            | tgl593    |
|                                      |          | falling           | tgl594    |
| w                                    | w        | flat              | tgl596    |
|                                      |          | rising            | tgl597    |
|                                      |          | falling           | tgl598    |
| x                                    | x        | flat              | tgl600    |
|                                      |          | rising            | tgl601    |
|                                      |          | falling           | tgl602    |
| y                                    | y        | flat              | tgl604    |
|                                      |          | rising            | tgl605    |
|                                      |          | falling           | tgl606    |
| z                                    | z        | flat              | tgl608    |
|                                      |          | rising            | tgl609    |
|                                      |          | falling           | tgl610    |
| negative                             | negative | flat              | tgl616    |
|                                      |          | rising            | tgl617    |
|                                      |          | falling           | tgl618    |

## Tagalog audio (Sheet 8 of 26)

| Tagalog phrase or English equivalent | English  | Phrase intonation | File name |
|--------------------------------------|----------|-------------------|-----------|
| at                                   | and      | flat              | tgl620    |
|                                      |          | rising            | tgl621    |
|                                      |          | falling           | tgl622    |
| oras                                 | hour     | flat              | tgl624    |
|                                      |          | rising            | tgl625    |
|                                      |          | falling           | tgl626    |
| minuto                               | minute   | flat              | tgl632    |
|                                      |          | rising            | tgl633    |
|                                      |          | falling           | tgl634    |
| segon                                | second   | flat              | tgl640    |
|                                      |          | rising            | tgl641    |
|                                      |          | falling           | tgl642    |
| enero                                | January  | flat              | tgl648    |
|                                      |          | rising            | tgl649    |
|                                      |          | falling           | tgl650    |
| febrero                              | February | flat              | tgl652    |
|                                      |          | rising            | tgl653    |
|                                      |          | falling           | tgl654    |
| marso                                | March    | flat              | tgl656    |
|                                      |          | rising            | tgl657    |
|                                      |          | falling           | tgl658    |
| abril                                | April    | flat              | tgl660    |
|                                      |          | rising            | tgl661    |
|                                      |          | falling           | tgl662    |
| mayo                                 | May      | flat              | tgl664    |
|                                      |          | rising            | tgl665    |
|                                      |          | falling           | tgl666    |

## Tagalog audio (Sheet 9 of 26)

| Tagalog phrase or English equivalent | English   | Phrase intonation | File name |
|--------------------------------------|-----------|-------------------|-----------|
| hunyo                                | June      | flat              | tgl668    |
|                                      |           | rising            | tgl669    |
|                                      |           | falling           | tgl670    |
| hulyo                                | July      | flat              | tgl672    |
|                                      |           | rising            | tgl673    |
|                                      |           | falling           | tgl674    |
| agusto                               | August    | flat              | tgl676    |
|                                      |           | rising            | tgl677    |
|                                      |           | falling           | tgl678    |
| setyembre                            | September | flat              | tgl680    |
|                                      |           | rising            | tgl681    |
|                                      |           | falling           | tgl682    |
| oktuber                              | October   | flat              | tgl684    |
|                                      |           | rising            | tgl685    |
|                                      |           | falling           | tgl686    |
| nobyembre                            | November  | flat              | tgl688    |
|                                      |           | rising            | tgl689    |
|                                      |           | falling           | tgl690    |
| disyember                            | December  | flat              | tgl692    |
|                                      |           | rising            | tgl693    |
|                                      |           | falling           | tgl694    |
| linggo                               | Sunday    | flat              | tgl696    |
|                                      |           | rising            | tgl697    |
|                                      |           | falling           | tgl698    |
| lunes                                | Monday    | flat              | tgl700    |
|                                      |           | rising            | tgl701    |
|                                      |           | falling           | tgl702    |

**Tagalog audio (Sheet 10 of 26)**

| <b>Tagalog phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| martes                                      | Tuesday        | flat                     | tgl704           |
|                                             |                | rising                   | tgl705           |
|                                             |                | falling                  | tgl706           |
| miyerkules                                  | Wednesday      | flat                     | tgl708           |
|                                             |                | rising                   | tgl709           |
|                                             |                | falling                  | tgl710           |
| huwebes                                     | Thursday       | flat                     | tgl712           |
|                                             |                | rising                   | tgl713           |
|                                             |                | falling                  | tgl714           |
| biyernes                                    | Friday         | flat                     | tgl716           |
|                                             |                | rising                   | tgl717           |
|                                             |                | falling                  | tgl718           |
| sabado                                      | Saturday       | flat                     | tgl720           |
|                                             |                | rising                   | tgl721           |
|                                             |                | falling                  | tgl722           |
| first                                       | first          | flat                     | tgl728           |
|                                             |                | rising                   | tgl729           |
|                                             |                | falling                  | tgl730           |
| second                                      | second         | flat                     | tgl732           |
|                                             |                | rising                   | tgl733           |
|                                             |                | falling                  | tgl734           |
| third                                       | third          | flat                     | tgl736           |
|                                             |                | rising                   | tgl737           |
|                                             |                | falling                  | tgl738           |
| fourth                                      | fourth         | flat                     | tgl740           |
|                                             |                | rising                   | tgl741           |
|                                             |                | falling                  | tgl742           |

## Tagalog audio (Sheet 11 of 26)

| Tagalog phrase or English equivalent | English    | Phrase intonation | File name |
|--------------------------------------|------------|-------------------|-----------|
| fifth                                | fifth      | flat              | tgl744    |
|                                      |            | rising            | tgl745    |
|                                      |            | falling           | tgl746    |
| sixth                                | sixth      | flat              | tgl748    |
|                                      |            | rising            | tgl749    |
|                                      |            | falling           | tgl750    |
| seventh                              | seventh    | flat              | tgl752    |
|                                      |            | rising            | tgl753    |
|                                      |            | falling           | tgl754    |
| eighth                               | eighth     | flat              | tgl756    |
|                                      |            | rising            | tgl757    |
|                                      |            | falling           | tgl758    |
| ninth                                | ninth      | flat              | tgl760    |
|                                      |            | rising            | tgl761    |
|                                      |            | falling           | tgl762    |
| tenth                                | tenth      | flat              | tgl764    |
|                                      |            | rising            | tgl765    |
|                                      |            | falling           | tgl766    |
| eleventh                             | eleventh   | flat              | tgl768    |
|                                      |            | rising            | tgl769    |
|                                      |            | falling           | tgl770    |
| twelfth                              | twelfth    | flat              | tgl772    |
|                                      |            | rising            | tgl773    |
|                                      |            | falling           | tgl774    |
| thirteenth                           | thirteenth | flat              | tgl776    |
|                                      |            | rising            | tgl777    |
|                                      |            | falling           | tgl778    |

**Tagalog audio (Sheet 12 of 26)**

| <b>Tagalog phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| fourteenth                                  | fourteenth     | flat                     | tgl780           |
|                                             |                | rising                   | tgl781           |
|                                             |                | falling                  | tgl782           |
| fifteenth                                   | fifteenth      | flat                     | tgl784           |
|                                             |                | rising                   | tgl785           |
|                                             |                | falling                  | tgl786           |
| sixteenth                                   | sixteenth      | flat                     | tgl788           |
|                                             |                | rising                   | tgl789           |
|                                             |                | falling                  | tgl790           |
| seventeenth                                 | seventeenth    | flat                     | tgl792           |
|                                             |                | rising                   | tgl793           |
|                                             |                | falling                  | tgl794           |
| eighteenth                                  | eighteenth     | flat                     | tgl796           |
|                                             |                | rising                   | tgl797           |
|                                             |                | falling                  | tgl798           |
| nineteenth                                  | nineteenth     | flat                     | tgl800           |
|                                             |                | rising                   | tgl801           |
|                                             |                | falling                  | tgl802           |
| twentieth                                   | twentieth      | flat                     | tgl804           |
|                                             |                | rising                   | tgl805           |
|                                             |                | falling                  | tgl806           |
| thirtieth                                   | thirtieth      | flat                     | tgl808           |
|                                             |                | rising                   | tgl809           |
|                                             |                | falling                  | tgl810           |
| fortieth                                    | fortieth       | flat                     | tgl812           |
|                                             |                | rising                   | tgl813           |
|                                             |                | falling                  | tgl814           |

**Tagalog audio (Sheet 13 of 26)**

| <b>Tagalog phrase or English equivalent</b> | <b>English</b>  | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------|--------------------------|------------------|
| fiftieth                                    | fiftieth        | flat                     | tgl816           |
|                                             |                 | rising                   | tgl817           |
|                                             |                 | falling                  | tgl818           |
| sixtieth                                    | sixtieth        | flat                     | tgl820           |
|                                             |                 | rising                   | tgl821           |
|                                             |                 | falling                  | tgl822           |
| seventieth                                  | seventieth      | flat                     | tgl824           |
|                                             |                 | rising                   | tgl825           |
|                                             |                 | falling                  | tgl826           |
| eightieth                                   | eightieth       | flat                     | tgl828           |
|                                             |                 | rising                   | tgl829           |
|                                             |                 | falling                  | tgl830           |
| ninetieth                                   | ninetieth       | flat                     | tgl832           |
|                                             |                 | rising                   | tgl833           |
|                                             |                 | falling                  | tgl834           |
| one-hundredth                               | one-hundredth   | flat                     | tgl836           |
|                                             |                 | rising                   | tgl837           |
|                                             |                 | falling                  | tgl838           |
| two-hundredth                               | two-hundredth   | flat                     | tgl840           |
|                                             |                 | rising                   | tgl841           |
|                                             |                 | falling                  | tgl842           |
| three-hundredth                             | three-hundredth | flat                     | tgl844           |
|                                             |                 | rising                   | tgl845           |
|                                             |                 | falling                  | tgl846           |
| four-hundredth                              | four-hundredth  | flat                     | tgl848           |
|                                             |                 | rising                   | tgl849           |
|                                             |                 | falling                  | tgl850           |

**Tagalog audio (Sheet 14 of 26)**

| <b>Tagalog phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-------------------|--------------------------|------------------|
| five-hundredth                              | five-hundredth    | flat                     | tgl852           |
|                                             |                   | rising                   | tgl853           |
|                                             |                   | falling                  | tgl854           |
| six-hundredth                               | six-hundredth     | flat                     | tgl856           |
|                                             |                   | rising                   | tgl857           |
|                                             |                   | falling                  | tgl858           |
| seven-hundredth                             | seven-hundredth   | flat                     | tgl860           |
|                                             |                   | rising                   | tgl861           |
|                                             |                   | falling                  | tgl862           |
| eight-hundredth                             | eight-hundredth   | flat                     | tgl864           |
|                                             |                   | rising                   | tgl865           |
|                                             |                   | falling                  | tgl866           |
| nine-hundredth                              | nine-hundredth    | flat                     | tgl868           |
|                                             |                   | rising                   | tgl869           |
|                                             |                   | falling                  | tgl870           |
| thousandth                                  | thousandth        | flat                     | tgl872           |
|                                             |                   | rising                   | tgl873           |
|                                             |                   | falling                  | tgl874           |
| millionth                                   | millionth         | flat                     | tgl880           |
|                                             |                   | rising                   | tgl881           |
|                                             |                   | falling                  | tgl882           |
| billionth                                   | billionth         | flat                     | tgl888           |
|                                             |                   | rising                   | tgl889           |
|                                             |                   | falling                  | tgl890           |
| bilang o numero                             | pound sign<br>(#) | flat                     | tgl896           |
|                                             |                   | rising                   | tgl897           |
|                                             |                   | falling                  | tgl898           |

## Tagalog audio (Sheet 15 of 26)

| Tagalog phrase or English equivalent | English         | Phrase intonation | File name |
|--------------------------------------|-----------------|-------------------|-----------|
| asteris                              | asterisk<br>(*) | flat              | tgl900    |
|                                      |                 | rising            | tgl901    |
|                                      |                 | falling           | tgl902    |
| umaga                                | a.m.            | flat              | tgl908    |
|                                      |                 | rising            | tgl909    |
|                                      |                 | falling           | tgl910    |
| hapon                                | p.m.            | flat              | tgl912    |
|                                      |                 | rising            | tgl913    |
|                                      |                 | falling           | tgl914    |
| sero                                 | zero            | flat              | tgl920    |
|                                      |                 | rising            | tgl921    |
|                                      |                 | falling           | tgl922    |
| isa                                  | one             | flat              | tgl924    |
|                                      |                 | rising            | tgl925    |
|                                      |                 | falling           | tgl926    |
| dalawa                               | two             | flat              | tgl928    |
|                                      |                 | rising            | tgl929    |
|                                      |                 | falling           | tgl930    |
| tatlo                                | three           | flat              | tgl932    |
|                                      |                 | rising            | tgl933    |
|                                      |                 | falling           | tgl934    |
| apat                                 | four            | flat              | tgl936    |
|                                      |                 | rising            | tgl937    |
|                                      |                 | falling           | tgl938    |
| lima                                 | five            | flat              | tgl940    |
|                                      |                 | rising            | tgl941    |
|                                      |                 | falling           | tgl942    |

**Tagalog audio (Sheet 16 of 26)**

| <b>Tagalog phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| anim                                        | six            | flat                     | tgl944           |
|                                             |                | rising                   | tgl945           |
|                                             |                | falling                  | tgl946           |
| pito                                        | seven          | flat                     | tgl948           |
|                                             |                | rising                   | tgl949           |
|                                             |                | falling                  | tgl950           |
| walo                                        | eight          | flat                     | tgl952           |
|                                             |                | rising                   | tgl953           |
|                                             |                | falling                  | tgl954           |
| siyam                                       | nine           | flat                     | tgl956           |
|                                             |                | rising                   | tgl957           |
|                                             |                | falling                  | tgl958           |
| sampu                                       | ten            | flat                     | tgl960           |
|                                             |                | rising                   | tgl961           |
|                                             |                | falling                  | tgl962           |
| dalawanpu                                   | twenty         | flat                     | tgl964           |
|                                             |                | rising                   | tgl965           |
|                                             |                | falling                  | tgl966           |
| tatlumpu                                    | thirty         | flat                     | tgl968           |
|                                             |                | rising                   | tgl969           |
|                                             |                | falling                  | tgl970           |
| apatnapu                                    | forty          | flat                     | tgl972           |
|                                             |                | rising                   | tgl973           |
|                                             |                | falling                  | tgl974           |
| limanpu                                     | fifty          | flat                     | tgl976           |
|                                             |                | rising                   | tgl977           |
|                                             |                | falling                  | tgl978           |

**Tagalog audio (Sheet 17 of 26)**

| <b>Tagalog phrase or English equivalent</b> | <b>English</b>          | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-------------------------|--------------------------|------------------|
| animnapu                                    | sixty                   | flat                     | tgl980           |
|                                             |                         | rising                   | tgl981           |
|                                             |                         | falling                  | tgl982           |
| pitumpu                                     | seventy                 | flat                     | tgl984           |
|                                             |                         | rising                   | tgl985           |
|                                             |                         | falling                  | tgl986           |
| walumpu                                     | eighty                  | flat                     | tgl988           |
|                                             |                         | rising                   | tgl989           |
|                                             |                         | falling                  | tgl990           |
| siyamnapu                                   | ninety                  | flat                     | tgl992           |
|                                             |                         | rising                   | tgl993           |
|                                             |                         | falling                  | tgl994           |
| dalawanpu't                                 | twenty (used with ones) | flat                     | tgl996           |
|                                             |                         | rising                   | tgl997           |
|                                             |                         | falling                  | tgl998           |
| tatlumpu't                                  | thirty (used with ones) | flat                     | tgl1000          |
|                                             |                         | rising                   | tgl1001          |
|                                             |                         | falling                  | tgl1002          |
| apatnapu't                                  | forty (used with ones)  | flat                     | tgl1004          |
|                                             |                         | rising                   | tgl1005          |
|                                             |                         | falling                  | tgl1006          |
| limanpu't                                   | fifty (used with ones)  | flat                     | tgl1008          |
|                                             |                         | rising                   | tgl1009          |
|                                             |                         | falling                  | tgl1010          |
| animnapu't                                  | sixty (used with ones)  | flat                     | tgl1012          |
|                                             |                         | rising                   | tgl1013          |
|                                             |                         | falling                  | tgl1014          |

## Tagalog audio (Sheet 18 of 26)

| Tagalog phrase or English equivalent | English                  | Phrase intonation | File name |
|--------------------------------------|--------------------------|-------------------|-----------|
| pitumpu't                            | seventy (used with ones) | flat              | tgl1016   |
|                                      |                          | rising            | tgl1017   |
|                                      |                          | falling           | tgl1018   |
| walumpu't                            | eighty (used with ones)  | flat              | tgl1020   |
|                                      |                          | rising            | tgl1021   |
|                                      |                          | falling           | tgl1022   |
| siyamnapu't                          | ninety (used with ones)  | flat              | tgl1024   |
|                                      |                          | rising            | tgl1025   |
|                                      |                          | falling           | tgl1026   |
| daan                                 | hundred                  | flat              | tgl1028   |
|                                      |                          | rising            | tgl1029   |
|                                      |                          | falling           | tgl1030   |
| raan                                 | hundred                  | flat              | tgl1032   |
|                                      |                          | rising            | tgl1033   |
|                                      |                          | falling           | tgl1034   |
| libo                                 | thousand                 | flat              | tgl1036   |
|                                      |                          | rising            | tgl1037   |
|                                      |                          | falling           | tgl1038   |
| milyon                               | million                  | flat              | tgl1040   |
|                                      |                          | rising            | tgl1041   |
|                                      |                          | falling           | tgl1042   |
| bilyon                               | billion                  | flat              | tgl1044   |
|                                      |                          | rising            | tgl1045   |
|                                      |                          | falling           | tgl1046   |
| isang                                | one (adjective)          | flat              | tgl1048   |
|                                      |                          | rising            | tgl1049   |
|                                      |                          | falling           | tgl1050   |

**Tagalog audio (Sheet 19 of 26)**

| <b>Tagalog phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-------------------|--------------------------|------------------|
| dalawang                                    | two (adjective)   | flat                     | tgl1052          |
|                                             |                   | rising                   | tgl1053          |
|                                             |                   | falling                  | tgl1054          |
| tatlong                                     | three (adjective) | flat                     | tgl1056          |
|                                             |                   | rising                   | tgl1057          |
|                                             |                   | falling                  | tgl1058          |
| apatna                                      | four (adjective)  | flat                     | tgl1060          |
|                                             |                   | rising                   | tgl1061          |
|                                             |                   | falling                  | tgl1062          |
| limang                                      | five (adjective)  | flat                     | tgl1064          |
|                                             |                   | rising                   | tgl1065          |
|                                             |                   | falling                  | tgl1066          |
| animna                                      | six (adjective)   | flat                     | tgl1068          |
|                                             |                   | rising                   | tgl1069          |
|                                             |                   | falling                  | tgl1070          |
| pitong                                      | seven (adjective) | flat                     | tgl1072          |
|                                             |                   | rising                   | tgl1073          |
|                                             |                   | falling                  | tgl1074          |
| walong                                      | eight (adjective) | flat                     | tgl1076          |
|                                             |                   | rising                   | tgl1077          |
|                                             |                   | falling                  | tgl1078          |
| siyamna                                     | nine (adjective)  | flat                     | tgl1080          |
|                                             |                   | rising                   | tgl1081          |
|                                             |                   | falling                  | tgl1082          |
| sampung                                     | ten (adjective)   | flat                     | tgl1084          |
|                                             |                   | rising                   | tgl1085          |
|                                             |                   | falling                  | tgl1086          |

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| <b>Tagalog phrase or English equivalent</b> | <b>English</b>      | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|---------------------|--------------------------|------------------|
| dalawanpung                                 | twenty (adjective)  | flat                     | tgl1088          |
|                                             |                     | rising                   | tgl1089          |
|                                             |                     | falling                  | tgl1090          |
| tatlumpung                                  | thirty (adjective)  | flat                     | tgl1092          |
|                                             |                     | rising                   | tgl1093          |
|                                             |                     | falling                  | tgl1094          |
| apatnapung                                  | forty (adjective)   | flat                     | tgl1096          |
|                                             |                     | rising                   | tgl1097          |
|                                             |                     | falling                  | tgl1098          |
| limampung                                   | fifty (adjective)   | flat                     | tgl1100          |
|                                             |                     | rising                   | tgl1101          |
|                                             |                     | falling                  | tgl1102          |
| animnapung                                  | sixty (adjective)   | flat                     | tgl1104          |
|                                             |                     | rising                   | tgl1105          |
|                                             |                     | falling                  | tgl1106          |
| pitumpung                                   | seventy (adjective) | flat                     | tgl1108          |
|                                             |                     | rising                   | tgl1109          |
|                                             |                     | falling                  | tgl1110          |
| walumpung                                   | eighty (adjective)  | flat                     | tgl1112          |
|                                             |                     | rising                   | tgl1113          |
|                                             |                     | falling                  | tgl1114          |
| siyamnapung                                 | ninety (adjective)  | flat                     | tgl1116          |
|                                             |                     | rising                   | tgl1117          |
|                                             |                     | falling                  | tgl1118          |
| daang                                       | hundred (adjective) | flat                     | tgl1120          |
|                                             |                     | rising                   | tgl1121          |
|                                             |                     | falling                  | tgl1122          |

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| Tagalog phrase or English equivalent | English                                             | Phrase intonation | File name |
|--------------------------------------|-----------------------------------------------------|-------------------|-----------|
| raang                                | hundred (adjective)                                 | flat              | tgl1124   |
|                                      |                                                     | rising            | tgl1125   |
|                                      |                                                     | falling           | tgl1126   |
| libong                               | thousand (adjective)                                | flat              | tgl1128   |
|                                      |                                                     | rising            | tgl1129   |
|                                      |                                                     | falling           | tgl1130   |
| milyong                              | million (adjective)                                 | flat              | tgl1132   |
|                                      |                                                     | rising            | tgl1133   |
|                                      |                                                     | falling           | tgl1134   |
| bilyong                              | billion (adjective)                                 | flat              | tgl1136   |
|                                      |                                                     | rising            | tgl1137   |
|                                      |                                                     | falling           | tgl1138   |
| labing                               | -teen (used with numbers starting with a vowel)     | flat              | tgl1140   |
|                                      |                                                     | rising            | tgl1141   |
|                                      |                                                     | falling           | tgl1142   |
| labin                                | -teen (used with numbers starting with a consonant) | flat              | tgl1144   |
|                                      |                                                     | rising            | tgl1145   |
|                                      |                                                     | falling           | tgl1146   |
| una                                  | first                                               | flat              | tgl1148   |
|                                      |                                                     | rising            | tgl1149   |
|                                      |                                                     | falling           | tgl1150   |
| ika                                  | rank                                                | flat              | tgl1152   |
|                                      |                                                     | rising            | tgl1153   |
|                                      |                                                     | falling           | tgl1154   |
| medaling-araw                        | early morning (1 a.m. - 4 a.m.)                     | flat              | tgl1156   |
|                                      |                                                     | rising            | tgl1157   |
|                                      |                                                     | falling           | tgl1158   |

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| Tagalog phrase or English equivalent | English                       | Phrase intonation | File name |
|--------------------------------------|-------------------------------|-------------------|-----------|
| tanghali                             | noon                          | flat              | tgl1160   |
|                                      |                               | rising            | tgl1161   |
|                                      |                               | falling           | tgl1162   |
| gabi                                 | evening (6 p.m. - 11:59 p.m.) | flat              | tgl1164   |
|                                      |                               | rising            | tgl1165   |
|                                      |                               | falling           | tgl1166   |
| hatinggabi                           | midnight                      | flat              | tgl1168   |
|                                      |                               | rising            | tgl1169   |
|                                      |                               | falling           | tgl1170   |
| ng                                   | of (used with time of day)    | flat              | tgl1172   |
|                                      |                               | rising            | tgl1173   |
|                                      |                               | falling           | tgl1174   |
| dollar                               | dollar<br>(US)                | flat              | tgl1200   |
|                                      |                               | rising            | tgl1201   |
|                                      |                               | falling           | tgl1202   |
| cent                                 | cent<br>(US)                  | flat              | tgl1208   |
|                                      |                               | rising            | tgl1209   |
|                                      |                               | falling           | tgl1210   |
| mark                                 | mark<br>(Germany)             | flat              | tgl1216   |
|                                      |                               | rising            | tgl1217   |
|                                      |                               | falling           | tgl1218   |
| pfennig                              | pfennig<br>(Germany)          | flat              | tgl1224   |
|                                      |                               | rising            | tgl1225   |
|                                      |                               | falling           | tgl1226   |
| yen                                  | yen<br>(Japan)                | flat              | tgl1232   |
|                                      |                               | rising            | tgl1233   |
|                                      |                               | falling           | tgl1234   |

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| <b>Tagalog phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|--------------------------|--------------------------|------------------|
| lira                                        | lira<br>(Italy)          | flat                     | tgl1240          |
|                                             |                          | rising                   | tgl1241          |
|                                             |                          | falling                  | tgl1242          |
| guilder                                     | guilder<br>(Netherlands) | flat                     | tgl1248          |
|                                             |                          | rising                   | tgl1249          |
|                                             |                          | falling                  | tgl1250          |
| cent                                        | cent<br>(Netherlands)    | flat                     | tgl1256          |
|                                             |                          | rising                   | tgl1257          |
|                                             |                          | falling                  | tgl1258          |
| pound                                       | pound<br>(UK)            | flat                     | tgl1264          |
|                                             |                          | rising                   | tgl1265          |
|                                             |                          | falling                  | tgl1266          |
| pence                                       | pence<br>(UK)            | flat                     | tgl1276          |
|                                             |                          | rising                   | tgl1277          |
|                                             |                          | falling                  | tgl1278          |
| euro                                        | euro<br>(Europe)         | flat                     | tgl1280          |
|                                             |                          | rising                   | tgl1281          |
|                                             |                          | falling                  | tgl1282          |
| eurocent                                    | eurocent<br>(Europe)     | flat                     | tgl1288          |
|                                             |                          | rising                   | tgl1289          |
|                                             |                          | falling                  | tgl1290          |
| franc                                       | franc<br>(France)        | flat                     | tgl1296          |
|                                             |                          | rising                   | tgl1297          |
|                                             |                          | falling                  | tgl1298          |
| centime                                     | centime<br>(France)      | flat                     | tgl1304          |
|                                             |                          | rising                   | tgl1305          |
|                                             |                          | falling                  | tgl1306          |

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| <b>Tagalog phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|--------------------------|--------------------------|------------------|
| peseta                                      | peseta<br>(Spain)        | flat                     | tgl1312          |
|                                             |                          | rising                   | tgl1313          |
|                                             |                          | falling                  | tgl1314          |
| peso                                        | peso<br>(Philippines)    | flat                     | tgl1328          |
|                                             |                          | rising                   | tgl1329          |
|                                             |                          | falling                  | tgl1330          |
| centavo                                     | centavo<br>(Philippines) | flat                     | tgl1336          |
|                                             |                          | rising                   | tgl1337          |
|                                             |                          | falling                  | tgl1338          |
| ringgit                                     | ringgit<br>(Malaysia)    | flat                     | tgl1344          |
|                                             |                          | rising                   | tgl1345          |
|                                             |                          | falling                  | tgl1346          |
| sen                                         | sen<br>(Malaysia)        | flat                     | tgl1352          |
|                                             |                          | rising                   | tgl1353          |
|                                             |                          | falling                  | tgl1354          |
| baht                                        | baht<br>(Thailand)       | flat                     | tgl1360          |
|                                             |                          | rising                   | tgl1361          |
|                                             |                          | falling                  | tgl1362          |
| satang                                      | satang<br>(Thailand)     | flat                     | tgl1368          |
|                                             |                          | rising                   | tgl1369          |
|                                             |                          | falling                  | tgl1370          |
| won                                         | won<br>(Korea)           | flat                     | tgl1376          |
|                                             |                          | rising                   | tgl1377          |
|                                             |                          | falling                  | tgl1378          |
| franc                                       | franc<br>(Belgium)       | flat                     | tgl1384          |
|                                             |                          | rising                   | tgl1385          |
|                                             |                          | falling                  | tgl1386          |

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| Tagalog phrase or English equivalent | English               | Phrase intonation | File name |
|--------------------------------------|-----------------------|-------------------|-----------|
| centime                              | centime<br>(Belgium)  | flat              | tgl1392   |
|                                      |                       | rising            | tgl1393   |
|                                      |                       | falling           | tgl1394   |
| dollar                               | dollar<br>(Canada)    | flat              | tgl1400   |
|                                      |                       | rising            | tgl1401   |
|                                      |                       | falling           | tgl1402   |
| cent                                 | cent<br>(Canada)      | flat              | tgl1408   |
|                                      |                       | rising            | tgl1409   |
|                                      |                       | falling           | tgl1410   |
| dollar                               | dollar<br>(Hong Kong) | flat              | tgl1416   |
|                                      |                       | rising            | tgl1417   |
|                                      |                       | falling           | tgl1418   |
| cent                                 | cent<br>(Hong Kong)   | flat              | tgl1424   |
|                                      |                       | rising            | tgl1425   |
|                                      |                       | falling           | tgl1426   |
| gok                                  | gok<br>(Hong Kong)    | flat              | tgl1488   |
|                                      |                       | rising            | tgl1489   |
|                                      |                       | falling           | tgl1490   |
| escudo                               | escudo<br>(Portugal)  | flat              | tgl1432   |
|                                      |                       | rising            | tgl1433   |
|                                      |                       | falling           | tgl1434   |
| centavo                              | centavo<br>(Portugal) | flat              | tgl1440   |
|                                      |                       | rising            | tgl1441   |
|                                      |                       | falling           | tgl1442   |
| yuan                                 | yuan<br>(China)       | flat              | tgl1448   |
|                                      |                       | rising            | tgl1449   |
|                                      |                       | falling           | tgl1450   |

**Tagalog audio (Sheet 26 of 26)**

| <b>Tagalog phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|--------------------|--------------------------|------------------|
| jiao                                        | jiao<br>(China)    | flat                     | tgl1456          |
|                                             |                    | rising                   | tgl1457          |
|                                             |                    | falling                  | tgl1458          |
| fen                                         | fen<br>(China)     | flat                     | tgl1464          |
|                                             |                    | rising                   | tgl1465          |
|                                             |                    | falling                  | tgl1466          |
| pound                                       | pound<br>(Ireland) | flat                     | tgl1472          |
|                                             |                    | rising                   | tgl1473          |
|                                             |                    | falling                  | tgl1474          |
| pence                                       | pence<br>(Ireland) | flat                     | tgl1484          |
|                                             |                    | rising                   | tgl1485          |
|                                             |                    | falling                  | tgl1486          |

## Thai audio files

**Note 1:** Use audio file names, tha508–tha610 for the multilanguage strings functionality. Recording of this audio is optional and the content of the recording can be any word. This audio is only required when the string functionality is used.

**Note 2:** Audio file names, tha132–tha166 are used for reading DNs that contain even-numbered “hundred” numbers: 100; 200; 300; 400; 500; 600; 700; 800; 900. These audio file names are also used for playing “hundred” numbers in both cardinal and ordinal forms.

**Note 3:** Only record audio filenames tha1200–tha1486 if you provision audio for this currency.

**Note 4:** Audio file names, tha908-tha914 and tha948-tha970 are used when time needs to be played in 12-hour format.

### Thai audio (Sheet 1 of 15)

| Thai phrase or English equivalent | English | Phrase intonation | File name |
|-----------------------------------|---------|-------------------|-----------|
| soon                              | zero    | flat              | tha0      |
|                                   |         | rising            | tha1      |
|                                   |         | falling           | tha2      |
| neung                             | one     | flat              | tha8      |
|                                   |         | rising            | tha9      |
|                                   |         | falling           | tha10     |
| sawng                             | two     | flat              | tha12     |
|                                   |         | rising            | tha13     |
|                                   |         | falling           | tha14     |
| saam                              | three   | flat              | tha16     |
|                                   |         | rising            | tha17     |
|                                   |         | falling           | tha18     |
| see                               | four    | flat              | tha20     |
|                                   |         | rising            | tha21     |
|                                   |         | falling           | tha22     |

**Thai audio (Sheet 2 of 15)**

| <b>Thai phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------|----------------|--------------------------|------------------|
| haa                                      | five           | flat                     | tha24            |
|                                          |                | rising                   | tha25            |
|                                          |                | falling                  | tha26            |
| hok                                      | six            | flat                     | tha28            |
|                                          |                | rising                   | tha29            |
|                                          |                | falling                  | tha30            |
| jet                                      | seven          | flat                     | tha33            |
|                                          |                | rising                   | tha34            |
|                                          |                | falling                  | tha35            |
| paet                                     | eight          | flat                     | tha36            |
|                                          |                | rising                   | tha37            |
|                                          |                | falling                  | tha38            |
| kao                                      | nine           | flat                     | tha40            |
|                                          |                | rising                   | tha41            |
|                                          |                | falling                  | tha42            |
| sip                                      | ten            | flat                     | tha56            |
|                                          |                | rising                   | tha57            |
|                                          |                | falling                  | tha58            |
| yee sip                                  | twenty         | flat                     | tha96            |
|                                          |                | rising                   | tha97            |
|                                          |                | falling                  | tha98            |
| neung rawy                               | hundred        | flat                     | tha132           |
|                                          |                | rising                   | tha133           |
|                                          |                | falling                  | tha134           |
| sawng rawy                               | two-hundred    | flat                     | tha136           |
|                                          |                | rising                   | tha137           |
|                                          |                | falling                  | tha138           |

**Thai audio (Sheet 3 of 15)**

| <b>Thai phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------|----------------|--------------------------|------------------|
| saam rawy                                | three-hundred  | flat                     | tha140           |
|                                          |                | rising                   | tha141           |
|                                          |                | falling                  | tha142           |
| see rawy                                 | four-hundred   | flat                     | tha144           |
|                                          |                | rising                   | tha145           |
|                                          |                | falling                  | tha146           |
| haa rawy                                 | five-hundred   | flat                     | tha148           |
|                                          |                | rising                   | tha149           |
|                                          |                | falling                  | tha150           |
| hok rawy                                 | six-hundred    | flat                     | tha152           |
|                                          |                | rising                   | tha153           |
|                                          |                | falling                  | tha154           |
| jet rawy                                 | seven-hundred  | flat                     | tha156           |
|                                          |                | rising                   | tha157           |
|                                          |                | falling                  | tha158           |
| paet rawy                                | eight-hundred  | flat                     | tha160           |
|                                          |                | rising                   | tha161           |
|                                          |                | falling                  | tha162           |
| kao rawy                                 | nine-hundred   | flat                     | tha164           |
|                                          |                | rising                   | tha165           |
|                                          |                | falling                  | tha166           |
| phan                                     | thousand       | flat                     | tha496           |
|                                          |                | rising                   | tha497           |
|                                          |                | falling                  | tha498           |
| laan                                     | million        | flat                     | tha500           |
|                                          |                | rising                   | tha501           |
|                                          |                | falling                  | tha502           |

## Thai audio (Sheet 4 of 15)

| Thai phrase or English equivalent | English | Phrase intonation | File name |
|-----------------------------------|---------|-------------------|-----------|
| a                                 | a       | flat              | tha508    |
|                                   |         | rising            | tha509    |
|                                   |         | falling           | tha510    |
| b                                 | b       | flat              | tha512    |
|                                   |         | rising            | tha513    |
|                                   |         | falling           | tha514    |
| c                                 | c       | flat              | tha516    |
|                                   |         | rising            | tha517    |
|                                   |         | falling           | tha518    |
| d                                 | d       | flat              | tha520    |
|                                   |         | rising            | tha521    |
|                                   |         | falling           | tha522    |
| e                                 | e       | flat              | tha524    |
|                                   |         | rising            | tha525    |
|                                   |         | falling           | tha526    |
| f                                 | f       | flat              | tha528    |
|                                   |         | rising            | tha529    |
|                                   |         | falling           | tha530    |
| g                                 | g       | flat              | tha532    |
|                                   |         | rising            | tha533    |
|                                   |         | falling           | tha534    |
| h                                 | h       | flat              | tha536    |
|                                   |         | rising            | tha537    |
|                                   |         | falling           | tha538    |
| i                                 | i       | flat              | tha540    |
|                                   |         | rising            | tha541    |
|                                   |         | falling           | tha542    |

## Thai audio (Sheet 5 of 15)

| Thai phrase or English equivalent | English | Phrase intonation | File name |
|-----------------------------------|---------|-------------------|-----------|
| j                                 | j       | flat              | tha544    |
|                                   |         | rising            | tha545    |
|                                   |         | falling           | tha546    |
| k                                 | k       | flat              | tha548    |
|                                   |         | rising            | tha549    |
|                                   |         | falling           | tha550    |
| l                                 | l       | flat              | tha552    |
|                                   |         | rising            | tha553    |
|                                   |         | falling           | tha554    |
| m                                 | m       | flat              | tha556    |
|                                   |         | rising            | tha557    |
|                                   |         | falling           | tha558    |
| n                                 | n       | flat              | tha560    |
|                                   |         | rising            | tha561    |
|                                   |         | falling           | tha562    |
| o                                 | o       | flat              | tha564    |
|                                   |         | rising            | tha565    |
|                                   |         | falling           | tha566    |
| p                                 | p       | flat              | tha568    |
|                                   |         | rising            | tha569    |
|                                   |         | falling           | tha570    |
| q                                 | q       | flat              | tha572    |
|                                   |         | rising            | tha573    |
|                                   |         | falling           | tha574    |
| r                                 | r       | flat              | tha576    |
|                                   |         | rising            | tha577    |
|                                   |         | falling           | tha578    |

**Thai audio (Sheet 6 of 15)**

| <b>Thai phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------|----------------|--------------------------|------------------|
| s                                        | s              | flat                     | tha580           |
|                                          |                | rising                   | tha581           |
|                                          |                | falling                  | tha582           |
| t                                        | t              | flat                     | tha584           |
|                                          |                | rising                   | tha585           |
|                                          |                | falling                  | tha586           |
| u                                        | u              | flat                     | tha588           |
|                                          |                | rising                   | tha589           |
|                                          |                | falling                  | tha590           |
| v                                        | v              | flat                     | tha592           |
|                                          |                | rising                   | tha593           |
|                                          |                | falling                  | tha594           |
| w                                        | w              | flat                     | tha596           |
|                                          |                | rising                   | tha597           |
|                                          |                | falling                  | tha598           |
| x                                        | x              | flat                     | tha600           |
|                                          |                | rising                   | tha601           |
|                                          |                | falling                  | tha602           |
| y                                        | y              | flat                     | tha604           |
|                                          |                | rising                   | tha605           |
|                                          |                | falling                  | tha606           |
| z                                        | z              | flat                     | tha608           |
|                                          |                | rising                   | tha609           |
|                                          |                | falling                  | tha610           |
| lob                                      | negative       | flat                     | tha616           |
|                                          |                | rising                   | tha617           |
|                                          |                | falling                  | tha618           |

**Thai audio (Sheet 7 of 15)**

| <b>Thai phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------|----------------|--------------------------|------------------|
| lae                                      | and            | flat                     | tha620           |
|                                          |                | rising                   | tha621           |
|                                          |                | falling                  | tha622           |
| chua mong                                | hour           | flat                     | tha624           |
|                                          |                | rising                   | tha625           |
|                                          |                | falling                  | tha626           |
| naa tee                                  | minute         | flat                     | tha632           |
|                                          |                | rising                   | tha633           |
|                                          |                | falling                  | tha634           |
| wi naa tee                               | second         | flat                     | tha640           |
|                                          |                | rising                   | tha641           |
|                                          |                | falling                  | tha642           |
| deuan ma ka raa khom                     | January        | flat                     | tha648           |
|                                          |                | rising                   | tha649           |
|                                          |                | falling                  | tha650           |
| deuan koom phaa phao                     | February       | flat                     | tha652           |
|                                          |                | rising                   | tha653           |
|                                          |                | falling                  | tha654           |
| deuan mee naa khom                       | March          | flat                     | tha656           |
|                                          |                | rising                   | tha657           |
|                                          |                | falling                  | tha658           |
| deuan meh saa yon                        | April          | flat                     | tha660           |
|                                          |                | rising                   | tha661           |
|                                          |                | falling                  | tha662           |
| deuan phreut sa phaa khom                | May            | flat                     | tha664           |
|                                          |                | rising                   | tha665           |
|                                          |                | falling                  | tha666           |

**Thai audio (Sheet 8 of 15)**

| <b>Thai phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------|----------------|--------------------------|------------------|
| deuan mi thu naa yon                     | June           | flat                     | tha668           |
|                                          |                | rising                   | tha669           |
|                                          |                | falling                  | tha670           |
| deuan ka ra ka daa khom                  | July           | flat                     | tha672           |
|                                          |                | rising                   | tha673           |
|                                          |                | falling                  | tha674           |
| deuan sing haa khom                      | August         | flat                     | tha676           |
|                                          |                | rising                   | tha677           |
|                                          |                | falling                  | tha678           |
| deuan kan yaa yon                        | September      | flat                     | tha680           |
|                                          |                | rising                   | tha681           |
|                                          |                | falling                  | tha682           |
| deuan tu laa khom                        | October        | flat                     | tha684           |
|                                          |                | rising                   | tha685           |
|                                          |                | falling                  | tha686           |
| deuan phueut sa ji kaa yon               | November       | flat                     | tha688           |
|                                          |                | rising                   | tha689           |
|                                          |                | falling                  | tha690           |
| deuan thana waa khom                     | December       | flat                     | tha692           |
|                                          |                | rising                   | tha693           |
|                                          |                | falling                  | tha694           |
| wan aathit                               | Sunday         | flat                     | tha696           |
|                                          |                | rising                   | tha697           |
|                                          |                | falling                  | tha698           |
| wan jan                                  | Monday         | flat                     | tha700           |
|                                          |                | rising                   | tha701           |
|                                          |                | falling                  | tha702           |

**Thai audio (Sheet 9 of 15)**

| <b>Thai phrase or English equivalent</b> | <b>English</b>    | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------|-------------------|--------------------------|------------------|
| wan ang karn                             | Tuesday           | flat                     | tha704           |
|                                          |                   | rising                   | tha705           |
|                                          |                   | falling                  | tha706           |
| wan phut                                 | Wednesday         | flat                     | tha708           |
|                                          |                   | rising                   | tha709           |
|                                          |                   | falling                  | tha710           |
| wan phreu hat sa hoh dee                 | Thursday          | flat                     | tha712           |
|                                          |                   | rising                   | tha713           |
|                                          |                   | falling                  | tha714           |
| wan sook/suk                             | Friday            | flat                     | tha716           |
|                                          |                   | rising                   | tha717           |
|                                          |                   | falling                  | tha718           |
| wan sao                                  | Saturday          | flat                     | tha720           |
|                                          |                   | rising                   | tha721           |
|                                          |                   | falling                  | tha722           |
| khreung mai lek tee                      | pound sign<br>(#) | flat                     | tha896           |
|                                          |                   | rising                   | tha897           |
|                                          |                   | falling                  | tha898           |
| khreung mai dog chan                     | asterisk<br>(*)   | flat                     | tha900           |
|                                          |                   | rising                   | tha901           |
|                                          |                   | falling                  | tha902           |
| mohng chow                               | a.m.              | flat                     | tha908           |
|                                          |                   | rising                   | tha909           |
|                                          |                   | falling                  | tha910           |
| toom                                     | p.m.              | flat                     | tha912           |
|                                          |                   | rising                   | tha913           |
|                                          |                   | falling                  | tha914           |

**Thai audio (Sheet 10 of 15)**

| <b>Thai phrase or English equivalent</b> | <b>English</b>                                   | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------|--------------------------------------------------|--------------------------|------------------|
| et                                       | one (used with eleven, twenty-one)               | flat                     | tha920           |
|                                          |                                                  | rising                   | tha921           |
|                                          |                                                  | falling                  | tha922           |
| tee                                      | rank (used with first, second)                   | flat                     | tha924           |
|                                          |                                                  | rising                   | tha925           |
|                                          |                                                  | falling                  | tha926           |
| pho so                                   | B.C. (represents Buddhist year system, for date) | flat                     | tha928           |
|                                          |                                                  | rising                   | tha929           |
|                                          |                                                  | falling                  | tha930           |
| meun                                     | ten-thousand                                     | flat                     | tha932           |
|                                          |                                                  | rising                   | tha933           |
|                                          |                                                  | falling                  | tha934           |
| saen                                     | hundred-thousand                                 | flat                     | tha936           |
|                                          |                                                  | rising                   | tha937           |
|                                          |                                                  | falling                  | tha938           |
| naa li kaa                               | o'clock                                          | flat                     | tha940           |
|                                          |                                                  | rising                   | tha941           |
|                                          |                                                  | falling                  | tha942           |
| wan                                      | day                                              | flat                     | tha944           |
|                                          |                                                  | rising                   | tha945           |
|                                          |                                                  | falling                  | tha946           |
| tiang kheun                              | midnight                                         | flat                     | tha948           |
|                                          |                                                  | rising                   | tha949           |
|                                          |                                                  | falling                  | tha950           |
| tiang wan                                | noon                                             | flat                     | tha952           |
|                                          |                                                  | rising                   | tha953           |
|                                          |                                                  | falling                  | tha954           |

## Thai audio (Sheet 11 of 15)

| Thai phrase or English equivalent | English                                      | Phrase intonation | File name |
|-----------------------------------|----------------------------------------------|-------------------|-----------|
| dtee                              | a.m. (early morning)                         | flat              | tha956    |
|                                   |                                              | rising            | tha957    |
|                                   |                                              | falling           | tha958    |
| bai                               | afternoon (put before time, 1 p.m. - 4 p.m.) | flat              | tha960    |
|                                   |                                              | rising            | tha961    |
|                                   |                                              | falling           | tha962    |
| mohng                             | afternoon (put after time, 1 p.m. - 4 p.m.)  | flat              | tha964    |
|                                   |                                              | rising            | tha965    |
|                                   |                                              | falling           | tha966    |
| mohng yen                         | evening (5 p.m. - 6 p.m.)                    | flat              | tha968    |
|                                   |                                              | rising            | tha969    |
|                                   |                                              | falling           | tha970    |
| dollar                            | dollar<br>(US)                               | flat              | tha1200   |
|                                   |                                              | rising            | tha1201   |
|                                   |                                              | falling           | tha1202   |
| cent                              | cent<br>(US)                                 | flat              | tha1208   |
|                                   |                                              | rising            | tha1209   |
|                                   |                                              | falling           | tha1210   |
| mark                              | mark<br>(Germany)                            | flat              | tha1216   |
|                                   |                                              | rising            | tha1217   |
|                                   |                                              | falling           | tha1218   |
| pfennig                           | pfennig<br>(Germany)                         | flat              | tha1224   |
|                                   |                                              | rising            | tha1225   |
|                                   |                                              | falling           | tha1226   |
| yen                               | yen<br>(Japan)                               | flat              | tha1232   |
|                                   |                                              | rising            | tha1233   |
|                                   |                                              | falling           | tha1234   |

**Thai audio (Sheet 12 of 15)**

| <b>Thai phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------|--------------------------|--------------------------|------------------|
| lira                                     | lira<br>(Italy)          | flat                     | tha1240          |
|                                          |                          | rising                   | tha1241          |
|                                          |                          | falling                  | tha1242          |
| guilder                                  | guilder<br>(Netherlands) | flat                     | tha1248          |
|                                          |                          | rising                   | tha1249          |
|                                          |                          | falling                  | tha1250          |
| cent                                     | cent<br>(Netherlands)    | flat                     | tha1256          |
|                                          |                          | rising                   | tha1257          |
|                                          |                          | falling                  | tha1258          |
| pound                                    | pound<br>(UK)            | flat                     | tha1264          |
|                                          |                          | rising                   | tha1265          |
|                                          |                          | falling                  | tha1266          |
| pence                                    | pence<br>(UK)            | flat                     | tha1276          |
|                                          |                          | rising                   | tha1277          |
|                                          |                          | falling                  | tha1278          |
| euro                                     | euro<br>(Europe)         | flat                     | tha1280          |
|                                          |                          | rising                   | tha1281          |
|                                          |                          | falling                  | tha1282          |
| eurocent                                 | eurocent<br>(Europe)     | flat                     | tha1288          |
|                                          |                          | rising                   | tha1289          |
|                                          |                          | falling                  | tha1290          |
| franc                                    | franc<br>(France)        | flat                     | tha1296          |
|                                          |                          | rising                   | tha1297          |
|                                          |                          | falling                  | tha1298          |
| centime                                  | centime<br>(France)      | flat                     | tha1304          |
|                                          |                          | rising                   | tha1305          |
|                                          |                          | falling                  | tha1306          |

**Thai audio (Sheet 13 of 15)**

| <b>Thai phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------|--------------------------|--------------------------|------------------|
| peseta                                   | peseta<br>(Spain)        | flat                     | tha1312          |
|                                          |                          | rising                   | tha1313          |
|                                          |                          | falling                  | tha1314          |
| peso                                     | peso<br>(Philippines)    | flat                     | tha1328          |
|                                          |                          | rising                   | tha1329          |
|                                          |                          | falling                  | tha1330          |
| centavo                                  | centavo<br>(Philippines) | flat                     | tha1336          |
|                                          |                          | rising                   | tha1337          |
|                                          |                          | falling                  | tha1338          |
| ringgit                                  | ringgit<br>(Malaysia)    | flat                     | tha1344          |
|                                          |                          | rising                   | tha1345          |
|                                          |                          | falling                  | tha1346          |
| sen                                      | sen<br>(Malaysia)        | flat                     | tha1352          |
|                                          |                          | rising                   | tha1353          |
|                                          |                          | falling                  | tha1354          |
| baht                                     | baht<br>(Thailand)       | flat                     | tha1360          |
|                                          |                          | rising                   | tha1361          |
|                                          |                          | falling                  | tha1362          |
| satang                                   | satang<br>(Thailand)     | flat                     | tha1368          |
|                                          |                          | rising                   | tha1369          |
|                                          |                          | falling                  | tha1370          |
| won                                      | won<br>(Korea)           | flat                     | tha1376          |
|                                          |                          | rising                   | tha1377          |
|                                          |                          | falling                  | tha1378          |
| franc                                    | franc<br>(Belgium)       | flat                     | tha1384          |
|                                          |                          | rising                   | tha1385          |
|                                          |                          | falling                  | tha1386          |

**Thai audio (Sheet 14 of 15)**

| <b>Thai phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------|-----------------------|--------------------------|------------------|
| centime                                  | centime<br>(Belgium)  | flat                     | tha1392          |
|                                          |                       | rising                   | tha1393          |
|                                          |                       | falling                  | tha1394          |
| dollar                                   | dollar<br>(Canada)    | flat                     | tha1400          |
|                                          |                       | rising                   | tha1401          |
|                                          |                       | falling                  | tha1402          |
| cent                                     | cent<br>(Canada)      | flat                     | tha1408          |
|                                          |                       | rising                   | tha1409          |
|                                          |                       | falling                  | tha1410          |
| dollar                                   | dollar<br>(Hong Kong) | flat                     | tha1416          |
|                                          |                       | rising                   | tha1417          |
|                                          |                       | falling                  | tha1418          |
| cent                                     | cent<br>(Hong Kong)   | flat                     | tha1424          |
|                                          |                       | rising                   | tha1425          |
|                                          |                       | falling                  | tha1426          |
| gok                                      | gok<br>(Hong Kong)    | flat                     | tha1488          |
|                                          |                       | rising                   | tha1489          |
|                                          |                       | falling                  | tha1490          |
| escudo                                   | escudo<br>(Portugal)  | flat                     | tha1432          |
|                                          |                       | rising                   | tha1433          |
|                                          |                       | falling                  | tha1434          |
| centavo                                  | centavo<br>(Portugal) | flat                     | tha1440          |
|                                          |                       | rising                   | tha1441          |
|                                          |                       | falling                  | tha1442          |
| yuan                                     | yuan<br>(China)       | flat                     | tha1448          |
|                                          |                       | rising                   | tha1449          |
|                                          |                       | falling                  | tha1450          |

**Thai audio (Sheet 15 of 15)**

| <b>Thai phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------|--------------------|--------------------------|------------------|
| jiao                                     | jiao<br>(China)    | flat                     | tha1456          |
|                                          |                    | rising                   | tha1457          |
|                                          |                    | falling                  | tha1458          |
| fen                                      | fen<br>(China)     | flat                     | tha1464          |
|                                          |                    | rising                   | tha1465          |
|                                          |                    | falling                  | tha1466          |
| pound                                    | pound<br>(Ireland) | flat                     | tha1472          |
|                                          |                    | rising                   | tha1473          |
|                                          |                    | falling                  | tha1474          |
| pence                                    | pence<br>(Ireland) | flat                     | tha1484          |
|                                          |                    | rising                   | tha1485          |
|                                          |                    | falling                  | tha1486          |

## Turkish audio files

**Note 1:** Only record audio file names tur1200-tur4066 if the user provisions audio files for this currency.

**Note 2:** Audio files names tur508-tur610 are used for strings functionality. Recording of this audio is optional and the content of the recording can be any word.

### Turkish audio (Sheet 1 of 17)

| Turkish phrase or English equivalent | English | Phrase intonation | File name |
|--------------------------------------|---------|-------------------|-----------|
| se-fer                               | zero    | flat              | tur0      |
|                                      |         | rising            | tur1      |
|                                      |         | falling           | tur2      |
| bir                                  | one     | flat              | tur8      |
|                                      |         | rising            | tur9      |
|                                      |         | falling           | tur10     |
| e-ke                                 | two     | flat              | tur12     |
|                                      |         | rising            | tur13     |
|                                      |         | falling           | tur14     |
| uuch                                 | three   | flat              | tur16     |
|                                      |         | rising            | tur17     |
|                                      |         | falling           | tur18     |
| deurt                                | four    | flat              | tur20     |
|                                      |         | rising            | tur21     |
|                                      |         | falling           | tur22     |
| bash                                 | five    | flat              | tur24     |
|                                      |         | rising            | tur25     |
|                                      |         | falling           | tur26     |

**Turkish audio (Sheet 2 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| alte                                        | six            | flat                     | tur28            |
|                                             |                | rising                   | tur29            |
|                                             |                | falling                  | tur30            |
| yade                                        | seven          | flat                     | tur32            |
|                                             |                | rising                   | tur33            |
|                                             |                | falling                  | tur34            |
| sakez                                       | eight          | flat                     | tur36            |
|                                             |                | rising                   | tur37            |
|                                             |                | falling                  | tur38            |
| dokooz                                      | nine           | flat                     | tur40            |
|                                             |                | rising                   | tur41            |
|                                             |                | falling                  | tur42            |
| on                                          | ten            | flat                     | tur56            |
|                                             |                | rising                   | tur57            |
|                                             |                | falling                  | tur58            |
| yerme                                       | twenty         | flat                     | tur96            |
|                                             |                | rising                   | tur97            |
|                                             |                | falling                  | tur98            |
| o-tooZ                                      | thirty         | flat                     | tur100           |
|                                             |                | rising                   | tur101           |
|                                             |                | falling                  | tur102           |
| kark                                        | forty          | flat                     | tur104           |
|                                             |                | rising                   | tur105           |
|                                             |                | falling                  | tur106           |
| alle                                        | fifty          | flat                     | tur108           |
|                                             |                | rising                   | tur109           |
|                                             |                | falling                  | tur110           |

**Turkish audio (Sheet 3 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| altmash                                     | sixty          | flat                     | tur112           |
|                                             |                | rising                   | tur113           |
|                                             |                | falling                  | tur114           |
| yatmesh                                     | seventy        | flat                     | tur116           |
|                                             |                | rising                   | tur117           |
|                                             |                | falling                  | tur118           |
| saksan                                      | eighty         | flat                     | tur120           |
|                                             |                | rising                   | tur121           |
|                                             |                | falling                  | tur122           |
| dochsaan                                    | ninety         | flat                     | tur124           |
|                                             |                | rising                   | tur125           |
|                                             |                | falling                  | tur126           |
| yuuz                                        | hundred        | flat                     | tur128           |
|                                             |                | rising                   | tur133           |
|                                             |                | falling                  | tur134           |
| ben                                         | thousand       | flat                     | tur496           |
|                                             |                | rising                   | tur497           |
|                                             |                | falling                  | tur498           |
| melyon                                      | million        | flat                     | tur500           |
|                                             |                | rising                   | tur501           |
|                                             |                | falling                  | tur502           |
| melyar                                      | billion        | flat                     | tur504           |
|                                             |                | rising                   | tur505           |
|                                             |                | falling                  | tur506           |
| optional                                    | a              | flat                     | tur508           |
|                                             |                | rising                   | tur509           |
|                                             |                | falling                  | tur510           |

**Turkish audio (Sheet 4 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| optional                                    | b              | flat                     | tur512           |
|                                             |                | rising                   | tur513           |
|                                             |                | falling                  | tur514           |
| optional                                    | c              | flat                     | tur516           |
|                                             |                | rising                   | tur517           |
|                                             |                | falling                  | tur518           |
| optional                                    | d              | flat                     | tur520           |
|                                             |                | rising                   | tur521           |
|                                             |                | falling                  | tur522           |
| optional                                    | e              | flat                     | tur524           |
|                                             |                | rising                   | tur525           |
|                                             |                | falling                  | tur526           |
| optional                                    | f              | flat                     | tur528           |
|                                             |                | rising                   | tur529           |
|                                             |                | falling                  | tur530           |
| optional                                    | g              | flat                     | tur532           |
|                                             |                | rising                   | tur533           |
|                                             |                | falling                  | tur534           |
| optional                                    | h              | flat                     | tur536           |
|                                             |                | rising                   | tur537           |
|                                             |                | falling                  | tur538           |
| optional                                    | i              | flat                     | tur540           |
|                                             |                | rising                   | tur541           |
|                                             |                | falling                  | tur542           |
| optional                                    | j              | flat                     | tur544           |
|                                             |                | rising                   | tur545           |
|                                             |                | falling                  | tur546           |

**Turkish audio (Sheet 5 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| optional                                    | k              | flat                     | tur548           |
|                                             |                | rising                   | tur549           |
|                                             |                | falling                  | tur550           |
| optional                                    | l              | flat                     | tur552           |
|                                             |                | rising                   | tur553           |
|                                             |                | falling                  | tur554           |
| optional                                    | m              | flat                     | tur556           |
|                                             |                | rising                   | tur557           |
|                                             |                | falling                  | tur557           |
| optional                                    | n              | flat                     | tur560           |
|                                             |                | rising                   | tur561           |
|                                             |                | falling                  | tur562           |
| optional                                    | o              | flat                     | tur564           |
|                                             |                | rising                   | tur565           |
|                                             |                | falling                  | tur566           |
| optional                                    | p              | flat                     | tur568           |
|                                             |                | rising                   | tur569           |
|                                             |                | falling                  | tur570           |
| optional                                    | q              | flat                     | tur572           |
|                                             |                | rising                   | tur573           |
|                                             |                | falling                  | tur574           |
| optional                                    | r              | flat                     | tur576           |
|                                             |                | rising                   | tur577           |
|                                             |                | falling                  | tur578           |
| optional                                    | s              | flat                     | tur580           |
|                                             |                | rising                   | tur581           |
|                                             |                | falling                  | tur582           |

**Turkish audio (Sheet 6 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| optional                                    | t              | flat                     | tur584           |
|                                             |                | rising                   | tur585           |
|                                             |                | falling                  | tur586           |
| optional                                    | u              | flat                     | tur588           |
|                                             |                | rising                   | tur5589          |
|                                             |                | falling                  | tur590           |
| optional                                    | v              | flat                     | tur592           |
|                                             |                | rising                   | tur593           |
|                                             |                | falling                  | tur594           |
| optional                                    | w              | flat                     | tur596           |
|                                             |                | rising                   | tur597           |
|                                             |                | falling                  | tur598           |
| optional                                    | x              | flat                     | tur600           |
|                                             |                | rising                   | tur601           |
|                                             |                | falling                  | tur602           |
| optional                                    | y              | flat                     | tur604           |
|                                             |                | rising                   | tur605           |
|                                             |                | falling                  | tur606           |
| optional                                    | z              | flat                     | tur608           |
|                                             |                | rising                   | tur609           |
|                                             |                | falling                  | tur610           |
| eksi                                        | negative       | flat                     | tur616           |
|                                             |                | rising                   | tur617           |
|                                             |                | falling                  | tur618           |
| ve                                          | and            | flat                     | tur620           |
|                                             |                | rising                   | tur621           |
|                                             |                | falling                  | tur622           |

**Turkish audio (Sheet 7 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| saat                                        | hour           | flat                     | tur624           |
|                                             |                | rising                   | tur625           |
|                                             |                | falling                  | tur626           |
| da-ke-ka                                    | minute         | flat                     | tur632           |
|                                             |                | rising                   | tur633           |
|                                             |                | falling                  | tur634           |
| saneye                                      | second         | flat                     | tur640           |
|                                             |                | rising                   | tur641           |
|                                             |                | falling                  | tur642           |
| o-jak                                       | January        | flat                     | tur648           |
|                                             |                | rising                   | tur649           |
|                                             |                | falling                  | tur650           |
| shu-bat                                     | February       | flat                     | tur652           |
|                                             |                | rising                   | tur653           |
|                                             |                | falling                  | tur654           |
| mart                                        | March          | flat                     | tur656           |
|                                             |                | rising                   | tur657           |
|                                             |                | falling                  | tur658           |
| ne-saan                                     | April          | flat                     | tur660           |
|                                             |                | rising                   | tur661           |
|                                             |                | falling                  | tur662           |
| maa-yes                                     | May            | flat                     | tur664           |
|                                             |                | rising                   | tur665           |
|                                             |                | falling                  | tur666           |
| haa-ze-ran                                  | June           | flat                     | tur668           |
|                                             |                | rising                   | tur669           |
|                                             |                | falling                  | tur670           |

**Turkish audio (Sheet 8 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| tam-mooz                                    | July           | flat                     | tur672           |
|                                             |                | rising                   | tur673           |
|                                             |                | falling                  | tur674           |
| a-oos-tos                                   | August         | flat                     | tur676           |
|                                             |                | rising                   | tur677           |
|                                             |                | falling                  | tur678           |
| ay-luul                                     | September      | flat                     | tur680           |
|                                             |                | rising                   | tur681           |
|                                             |                | falling                  | tur682           |
| a-kem                                       | October        | flat                     | tur684           |
|                                             |                | rising                   | tur685           |
|                                             |                | falling                  | tur686           |
| ka-sem                                      | November       | flat                     | tur688           |
|                                             |                | rising                   | tur689           |
|                                             |                | falling                  | tur690           |
| a-ra-lek                                    | December       | flat                     | tur692           |
|                                             |                | rising                   | tur693           |
|                                             |                | falling                  | tur694           |
| pa-zar                                      | Sunday         | flat                     | tur696           |
|                                             |                | rising                   | tur697           |
|                                             |                | falling                  | tur698           |
| pa-zar-te-se                                | Monday         | flat                     | tur700           |
|                                             |                | rising                   | tur701           |
|                                             |                | falling                  | tur702           |
| sa-la                                       | Tuesday        | flat                     | tur704           |
|                                             |                | rising                   | tur705           |
|                                             |                | falling                  | tur706           |

**Turkish audio (Sheet 9 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| char-sham-ba                                | Wednesday      | flat                     | tur708           |
|                                             |                | rising                   | tur709           |
|                                             |                | falling                  | tur710           |
| par-shem-be                                 | Thursday       | flat                     | tur712           |
|                                             |                | rising                   | tur713           |
|                                             |                | falling                  | tur714           |
| coo-ma                                      | Friday         | flat                     | tur716           |
|                                             |                | rising                   | tur717           |
|                                             |                | falling                  | tur718           |
| coo-mar-te-se                               | Saturday       | flat                     | tur720           |
|                                             |                | rising                   | tur721           |
|                                             |                | falling                  | tur722           |
| safaranca                                   | zeroeth        | flat                     | tur724           |
|                                             |                | rising                   | tur725           |
|                                             |                | falling                  | tur726           |
| birence                                     | first          | flat                     | tur728           |
|                                             |                | rising                   | tur729           |
|                                             |                | falling                  | tur730           |
| e-ken-ce                                    | second         | flat                     | tur732           |
|                                             |                | rising                   | tur733           |
|                                             |                | falling                  | tur734           |
| uu-chuun-juu                                | third          | flat                     | tur736           |
|                                             |                | rising                   | tur737           |
|                                             |                | falling                  | tur738           |
| duer-duun-cuu                               | fourth         | flat                     | tur740           |
|                                             |                | rising                   | tur741           |
|                                             |                | falling                  | tur742           |

**Turkish audio (Sheet 10 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| be-shin-ce                                  | fifth          | flat                     | tur744           |
|                                             |                | rising                   | tur745           |
|                                             |                | falling                  | tur746           |
| al-tan-ca                                   | sixth          | flat                     | tur748           |
|                                             |                | rising                   | tur749           |
|                                             |                | falling                  | tur750           |
| ya-den-ce                                   | seventh        | flat                     | tur752           |
|                                             |                | rising                   | tur753           |
|                                             |                | falling                  | tur754           |
| sa-ke-zen-je                                | eighth         | flat                     | tur756           |
|                                             |                | rising                   | tur757           |
|                                             |                | falling                  | tur758           |
| do-koo-zoon-joo                             | ninth          | flat                     | tur760           |
|                                             |                | rising                   | tur761           |
|                                             |                | falling                  | tur762           |
| o-noon-coo                                  | tenth          | flat                     | tur764           |
|                                             |                | rising                   | tur765           |
|                                             |                | falling                  | tur766           |
| yer-men-ce                                  | twentieth      | flat                     | tur804           |
|                                             |                | rising                   | tur805           |
|                                             |                | falling                  | tur806           |
| o-too-zoon-joo                              | thirtieth      | flat                     | tur808           |
|                                             |                | rising                   | tur809           |
|                                             |                | falling                  | tur810           |
| kar-kan-ca                                  | fortieth       | flat                     | tur812           |
|                                             |                | rising                   | tur813           |
|                                             |                | falling                  | tur814           |

**Turkish audio (Sheet 11 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------|--------------------------|------------------|
| al-lan-ce                                   | fiftieth       | flat                     | tur816           |
|                                             |                | rising                   | tur817           |
|                                             |                | falling                  | tur818           |
| alt-ma-shan-ja                              | sixtieth       | flat                     | tur820           |
|                                             |                | rising                   | tur821           |
|                                             |                | falling                  | tur822           |
| yat-me-shen-je                              | seventieth     | flat                     | tur824           |
|                                             |                | rising                   | tur825           |
|                                             |                | falling                  | tur826           |
| sak-sa-nan-je                               | eightieth      | flat                     | tur828           |
|                                             |                | rising                   | tur829           |
|                                             |                | falling                  | tur830           |
| doch-san-an-je                              | ninetieth      | flat                     | tur832           |
|                                             |                | rising                   | tur833           |
|                                             |                | falling                  | tur834           |
| yuu-zuun-juu                                | hundredth      | flat                     | tur836           |
|                                             |                | rising                   | tur837           |
|                                             |                | falling                  | tur838           |
| bi-nin-je                                   | thousandth     | flat                     | tur872           |
|                                             |                | rising                   | tur873           |
|                                             |                | falling                  | tur874           |
| mel-yo-noon-ju                              | millionth      | flat                     | tur880           |
|                                             |                | rising                   | tur881           |
|                                             |                | falling                  | tur882           |
| mel-ya-ran-je                               | billionth      | flat                     | tur888           |
|                                             |                | rising                   | tur889           |
|                                             |                | falling                  | tur890           |

**Turkish audio (Sheet 12 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|--------------------------|--------------------------|------------------|
| nu-ma-raa e-sha-ra-te                       | pound sign<br>(#)        | flat                     | tur896           |
|                                             |                          | rising                   | tur897           |
|                                             |                          | falling                  | tur898           |
| yel-dez e-sha-ra-te                         | asterisk<br>(*)          | flat                     | tur900           |
|                                             |                          | rising                   | tur901           |
|                                             |                          | falling                  | tur902           |
| dolar                                       | dollar<br>(US)           | flat                     | tur1200          |
|                                             |                          | rising                   | tur1201          |
|                                             |                          | falling                  | tur1202          |
| sent                                        | cent<br>(US)             | flat                     | tur1208          |
|                                             |                          | rising                   | tur1209          |
|                                             |                          | falling                  | tur1210          |
| mark                                        | mark<br>(Germany)        | flat                     | tur1216          |
|                                             |                          | rising                   | tur1217          |
|                                             |                          | falling                  | tur1218          |
| pfennig                                     | pfennig<br>(Germany)     | flat                     | tur1224          |
|                                             |                          | rising                   | tur1225          |
|                                             |                          | falling                  | tur1226          |
| yen                                         | yen<br>(Japan)           | flat                     | tur1232          |
|                                             |                          | rising                   | tur1233          |
|                                             |                          | falling                  | tur1234          |
| lira                                        | lira<br>(Italy)          | flat                     | tur1240          |
|                                             |                          | rising                   | tur1241          |
|                                             |                          | falling                  | tur1242          |
| guilder                                     | guilder<br>(Netherlands) | flat                     | tur1248          |
|                                             |                          | rising                   | tur1249          |
|                                             |                          | falling                  | tur1250          |

**Turkish audio (Sheet 13 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------------|--------------------------|------------------|
| cent                                        | cent<br>(Netherlands) | flat                     | tur1256          |
|                                             |                       | rising                   | tur1257          |
|                                             |                       | falling                  | tur1258          |
| pound                                       | pound<br>(UK)         | flat                     | tur1264          |
|                                             |                       | rising                   | tur1265          |
|                                             |                       | falling                  | tur1266          |
| penny                                       | penny<br>(UK)         | flat                     | tur1272          |
|                                             |                       | rising                   | tur1273          |
|                                             |                       | falling                  | tur1274          |
| yuro <sup>2</sup>                           | euro<br>(Euro)        | flat                     | tur1280          |
|                                             |                       | rising                   | tur1281          |
|                                             |                       | falling                  | tur1282          |
| yuro senti                                  | eurocent<br>(Euro)    | flat                     | tur1288          |
|                                             |                       | rising                   | tur1289          |
|                                             |                       | falling                  | tur1290          |
| frank                                       | franc<br>(France)     | flat                     | tur1296          |
|                                             |                       | rising                   | tur1297          |
|                                             |                       | falling                  | tur1298          |
| santim                                      | centime<br>(France)   | flat                     | tur1304          |
|                                             |                       | rising                   | tur1305          |
|                                             |                       | falling                  | tur1306          |
| peseta                                      | peseta<br>(Spain)     | flat                     | tur1312          |
|                                             |                       | rising                   | tur1313          |
|                                             |                       | falling                  | tur1314          |
| peso                                        | peso<br>(Philippines) | flat                     | tur1328          |
|                                             |                       | rising                   | tur1329          |
|                                             |                       | falling                  | tur1330          |

**Turkish audio (Sheet 14 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|--------------------------|--------------------------|------------------|
| centavo                                     | centavo<br>(Philippines) | flat                     | tur1336          |
|                                             |                          | rising                   | tur1337          |
|                                             |                          | falling                  | tur1338          |
| ringgit                                     | ringgit<br>(Malaysia)    | flat                     | tur1344          |
|                                             |                          | rising                   | tur1345          |
|                                             |                          | falling                  | tur1346          |
| sen                                         | sen<br>(Malaysia)        | flat                     | tur1352          |
|                                             |                          | rising                   | tur1353          |
|                                             |                          | falling                  | tur1354          |
| baht                                        | baht<br>(Thailand)       | flat                     | tur1360          |
|                                             |                          | rising                   | tur1361          |
|                                             |                          | falling                  | tur1362          |
| satang                                      | satang<br>(Thailand)     | flat                     | tur1368          |
|                                             |                          | rising                   | tur1369          |
|                                             |                          | falling                  | tur1370          |
| won                                         | won<br>(Korea)           | flat                     | tur1376          |
|                                             |                          | rising                   | tur1377          |
|                                             |                          | falling                  | tur1378          |
| franc                                       | franc<br>(Belgium)       | flat                     | tur1384          |
|                                             |                          | rising                   | tur1385          |
|                                             |                          | falling                  | tur1386          |
| centime                                     | centime<br>(Belgium)     | flat                     | tur1392          |
|                                             |                          | rising                   | tur1393          |
|                                             |                          | falling                  | tur1394          |
| dollar                                      | dollar<br>(Canada)       | flat                     | tur1400          |
|                                             |                          | rising                   | tur1401          |
|                                             |                          | falling                  | tur1402          |

**Turkish audio (Sheet 15 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|-----------------------|--------------------------|------------------|
| cent                                        | cent<br>(Canada)      | flat                     | tur1408          |
|                                             |                       | rising                   | tur1409          |
|                                             |                       | falling                  | tur1410          |
| dollar                                      | dollar<br>(Hong Kong) | flat                     | tur1416          |
|                                             |                       | rising                   | tur1417          |
|                                             |                       | falling                  | tur1418          |
| cent                                        | cent<br>(Hong Kong)   | flat                     | tur1424          |
|                                             |                       | rising                   | tur1425          |
|                                             |                       | falling                  | tur1426          |
| gok                                         | gok<br>(Hong Kong)    | flat                     | tur1488          |
|                                             |                       | rising                   | tur1489          |
|                                             |                       | falling                  | tur1490          |
| escudo                                      | escudo<br>(Portugal)  | flat                     | tur1432          |
|                                             |                       | rising                   | tur1433          |
|                                             |                       | falling                  | tur1434          |
| centavo                                     | centavo<br>(Portugal) | flat                     | tur1440          |
|                                             |                       | rising                   | tur1441          |
|                                             |                       | falling                  | tur1442          |
| yuan                                        | yuan<br>(China)       | flat                     | tur1448          |
|                                             |                       | rising                   | tur1449          |
|                                             |                       | falling                  | tur1450          |
| jiao                                        | jiao<br>(China)       | flat                     | tur1456          |
|                                             |                       | rising                   | tur1457          |
|                                             |                       | falling                  | tur1458          |
| fen                                         | fen<br>(China)        | flat                     | tur1464          |
|                                             |                       | rising                   | tur1465          |
|                                             |                       | falling                  | tur1466          |

**Turkish audio (Sheet 16 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b>       | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|----------------------|--------------------------|------------------|
| pound                                       | pound<br>(Ireland)   | flat                     | tur1472          |
|                                             |                      | rising                   | tur1473          |
|                                             |                      | falling                  | tur1474          |
| penny                                       | penny<br>(Ireland)   | flat                     | tur1480          |
|                                             |                      | rising                   | tur1481          |
|                                             |                      | falling                  | tur1482          |
| she-kel                                     | shekel<br>(Israel)   | flat                     | tur4000          |
|                                             |                      | rising                   | tur4001          |
|                                             |                      | falling                  | tur4002          |
| agoro                                       | agoro<br>(Israel)    | flat                     | tur4008          |
|                                             |                      | rising                   | tur4009          |
|                                             |                      | falling                  | tur4010          |
| ko-roo-na-sa                                | koruna<br>(Czech)    | flat                     | tur4016          |
|                                             |                      | rising                   | tur4017          |
|                                             |                      | falling                  | tur4018          |
| haleru                                      | haleru<br>(Czech)    | flat                     | tur4024          |
|                                             |                      | rising                   | tur4025          |
|                                             |                      | falling                  | tur4026          |
| le-ra                                       | lira<br>(Turkey)     | flat                     | tur4032          |
|                                             |                      | rising                   | tur4033          |
|                                             |                      | falling                  | tur4034          |
| drah-ma-sa                                  | drachma<br>(Greek)   | flat                     | tur4040          |
|                                             |                      | rising                   | tur4041          |
|                                             |                      | falling                  | tur4042          |
| dan-ge                                      | dong<br>(Vietnamese) | flat                     | tur4048          |
|                                             |                      | rising                   | tur4049          |
|                                             |                      | falling                  | tur4050          |

**Turkish audio (Sheet 17 of 17)**

| <b>Turkish phrase or English equivalent</b> | <b>English</b>   | <b>Phrase intonation</b> | <b>File name</b> |
|---------------------------------------------|------------------|--------------------------|------------------|
| ru-pe <sup>2</sup>                          | rupee<br>(India) | flat                     | tur4056          |
|                                             |                  | rising                   | tur4057          |
|                                             |                  | falling                  | tur4058          |
| payza <sup>2</sup>                          | paisa<br>(India) | flat                     | tur4064          |
|                                             |                  | rising                   | tur4065          |
|                                             |                  | falling                  | tur4066          |

## Vietnamese audio files

**Note 1:** Only record audio file names vie1200-vie4066 if the user provisions audio files for this currency.

**Note 2:** Audio files names vie508-vie610 are used for strings functionality. Recording of this audio is optional and the content of the recording can be any word.

**Note 3:** Vietnamese months are formed by saying “tang” (month) and the number of the month. “January” and “April,” however, are exceptions, and must be datafilled. Thus, audio files names vie648-vie662 are reserved for the months, “January” and “April.” The other months are formed by using the audio file for “tang” and the audio file for the number of the month.

### Vietnamese audio (Sheet 1 of 13)

| Vietnamese phrase or English equivalent | English | Phrase intonation | File name |
|-----------------------------------------|---------|-------------------|-----------|
| kong                                    | zero    | flat              | vie0      |
|                                         |         | rising            | vie1      |
|                                         |         | falling           | vie2      |
| mot                                     | one     | flat              | vie8      |
|                                         |         | rising            | vie9      |
|                                         |         | falling           | vie10     |
| hi                                      | two     | flat              | vie12     |
|                                         |         | rising            | vie13     |
|                                         |         | falling           | vie14     |
| ba                                      | three   | flat              | vie16     |
|                                         |         | rising            | vie17     |
|                                         |         | falling           | vie18     |
| bon                                     | four    | flat              | vie20     |
|                                         |         | rising            | vie21     |
|                                         |         | falling           | vie22     |

**Vietnamese audio (Sheet 2 of 13)**

| <b>Vietnamese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| nam                                            | five           | flat                     | vie24            |
|                                                |                | rising                   | vie25            |
|                                                |                | falling                  | vie26            |
| sao                                            | six            | flat                     | vie28            |
|                                                |                | rising                   | vie29            |
|                                                |                | falling                  | vie30            |
| bay                                            | seven          | flat                     | vie32            |
|                                                |                | rising                   | vie33            |
|                                                |                | falling                  | vie34            |
| tam                                            | eight          | flat                     | vie36            |
|                                                |                | rising                   | vie37            |
|                                                |                | falling                  | vie38            |
| chin                                           | nine           | flat                     | vie40            |
|                                                |                | rising                   | vie41            |
|                                                |                | falling                  | vie42            |
| mui                                            | ten            | flat                     | vie56            |
|                                                |                | rising                   | vie57            |
|                                                |                | falling                  | vie58            |
| tcham                                          | hundred        | flat                     | vie128           |
|                                                |                | rising                   | vie129           |
|                                                |                | falling                  | vie130           |
| nan                                            | thousand       | flat                     | vie496           |
|                                                |                | rising                   | vie497           |
|                                                |                | falling                  | vie498           |
| tchio                                          | million        | flat                     | vie500           |
|                                                |                | rising                   | vie501           |
|                                                |                | falling                  | vie502           |

**Vietnamese audio (Sheet 3 of 13)**

| <b>Vietnamese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| tee                                            | billion        | flat                     | vie504           |
|                                                |                | rising                   | vie505           |
|                                                |                | falling                  | vie506           |
| optional                                       | a              | flat                     | vie508           |
|                                                |                | rising                   | vie509           |
|                                                |                | falling                  | vie510           |
| optional                                       | b              | flat                     | vie512           |
|                                                |                | rising                   | vie513           |
|                                                |                | falling                  | vie514           |
| optional                                       | c              | flat                     | vie516           |
|                                                |                | rising                   | vie517           |
|                                                |                | falling                  | vie518           |
| optional                                       | d              | flat                     | vie520           |
|                                                |                | rising                   | vie521           |
|                                                |                | falling                  | vie522           |
| optional                                       | e              | flat                     | vie524           |
|                                                |                | rising                   | vie525           |
|                                                |                | falling                  | vie526           |
| optional                                       | f              | flat                     | vie528           |
|                                                |                | rising                   | vie529           |
|                                                |                | falling                  | vie530           |
| optional                                       | g              | flat                     | vie532           |
|                                                |                | rising                   | vie533           |
|                                                |                | falling                  | vie534           |
| optional                                       | h              | flat                     | vie536           |
|                                                |                | rising                   | vie537           |
|                                                |                | falling                  | vie538           |

**Vietnamese audio (Sheet 4 of 13)**

| <b>Vietnamese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| optional                                       | i              | flat                     | vie540           |
|                                                |                | rising                   | vie541           |
|                                                |                | falling                  | vie542           |
| optional                                       | j              | flat                     | vie544           |
|                                                |                | rising                   | vie545           |
|                                                |                | falling                  | vie546           |
| optional                                       | k              | flat                     | vie548           |
|                                                |                | rising                   | vie549           |
|                                                |                | falling                  | vie550           |
| optional                                       | l              | flat                     | vie552           |
|                                                |                | rising                   | vie553           |
|                                                |                | falling                  | vie554           |
| optional                                       | m              | flat                     | vie556           |
|                                                |                | rising                   | vie557           |
|                                                |                | falling                  | vie557           |
| optional                                       | n              | flat                     | vie560           |
|                                                |                | rising                   | vie561           |
|                                                |                | falling                  | vie562           |
| optional                                       | o              | flat                     | vie564           |
|                                                |                | rising                   | vie565           |
|                                                |                | falling                  | vie566           |
| optional                                       | p              | flat                     | vie568           |
|                                                |                | rising                   | vie569           |
|                                                |                | falling                  | vie570           |
| optional                                       | q              | flat                     | vie572           |
|                                                |                | rising                   | vie573           |
|                                                |                | falling                  | vie574           |

**Vietnamese audio (Sheet 5 of 13)**

| <b>Vietnamese phrase or English equivalent</b> | <b>English</b> | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------|--------------------------|------------------|
| optional                                       | r              | flat                     | vie576           |
|                                                |                | rising                   | vie577           |
|                                                |                | falling                  | vie578           |
| optional                                       | s              | flat                     | vie580           |
|                                                |                | rising                   | vie581           |
|                                                |                | falling                  | vie582           |
| optional                                       | t              | flat                     | vie584           |
|                                                |                | rising                   | vie585           |
|                                                |                | falling                  | vie586           |
| optional                                       | u              | flat                     | vie588           |
|                                                |                | rising                   | vie5589          |
|                                                |                | falling                  | vie590           |
| optional                                       | v              | flat                     | vie592           |
|                                                |                | rising                   | vie593           |
|                                                |                | falling                  | vie594           |
| optional                                       | w              | flat                     | vie596           |
|                                                |                | rising                   | vie597           |
|                                                |                | falling                  | vie598           |
| optional                                       | x              | flat                     | vie600           |
|                                                |                | rising                   | vie601           |
|                                                |                | falling                  | vie602           |
| optional                                       | y              | flat                     | vie604           |
|                                                |                | rising                   | vie605           |
|                                                |                | falling                  | vie606           |
| optional                                       | z              | flat                     | vie608           |
|                                                |                | rising                   | vie609           |
|                                                |                | falling                  | vie610           |

## Vietnamese audio (Sheet 6 of 13)

| Vietnamese phrase or English equivalent | English  | Phrase intonation | File name |
|-----------------------------------------|----------|-------------------|-----------|
| tchu                                    | negative | flat              | vie616    |
|                                         |          | rising            | vie617    |
|                                         |          | falling           | vie618    |
| vaa                                     | and      | flat              | vie620    |
|                                         |          | rising            | vie621    |
|                                         |          | falling           | vie622    |
| zo                                      | hour     | flat              | vie624    |
|                                         |          | rising            | vie625    |
|                                         |          | falling           | vie626    |
| fut                                     | minute   | flat              | vie632    |
|                                         |          | rising            | vie633    |
|                                         |          | falling           | vie634    |
| zay                                     | second   | flat              | vie640    |
|                                         |          | rising            | vie641    |
|                                         |          | falling           | vie642    |
| tang ze-eng                             | January  | flat              | vie648    |
|                                         |          | rising            | vie649    |
|                                         |          | falling           | vie650    |
| tang too                                | April    | flat              | vie660    |
|                                         |          | rising            | vie661    |
|                                         |          | falling           | vie662    |
| tchoo nat                               | Sunday   | flat              | vie696    |
|                                         |          | rising            | vie697    |
|                                         |          | falling           | vie698    |
| tu nat                                  | first    | flat              | vie728    |
|                                         |          | rising            | vie729    |
|                                         |          | falling           | vie730    |

**Vietnamese audio (Sheet 7 of 13)**

| <b>Vietnamese phrase or English equivalent</b> | <b>English</b>       | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------------|--------------------------|------------------|
| tu too                                         | fourth               | flat                     | vie740           |
|                                                |                      | rising                   | vie741           |
|                                                |                      | falling                  | vie742           |
| zao pao                                        | pound sign<br>(#)    | flat                     | vie896           |
|                                                |                      | rising                   | vie897           |
|                                                |                      | falling                  | vie898           |
| zao hua ti                                     | asterisk<br>(*)      | flat                     | vie900           |
|                                                |                      | rising                   | vie901           |
|                                                |                      | falling                  | vie902           |
| do la                                          | dollar<br>(US)       | flat                     | vie1200          |
|                                                |                      | rising                   | vie1201          |
|                                                |                      | falling                  | vie1202          |
| soo                                            | cent<br>(US)         | flat                     | vie1208          |
|                                                |                      | rising                   | vie1209          |
|                                                |                      | falling                  | vie1210          |
| mark                                           | mark<br>(Germany)    | flat                     | vie1216          |
|                                                |                      | rising                   | vie1217          |
|                                                |                      | falling                  | vie1218          |
| pfennig                                        | pfennig<br>(Germany) | flat                     | vie1224          |
|                                                |                      | rising                   | vie1225          |
|                                                |                      | falling                  | vie1226          |
| dong yen                                       | yen<br>(Japan)       | flat                     | vie1232          |
|                                                |                      | rising                   | vie1233          |
|                                                |                      | falling                  | vie1234          |
| lira                                           | lira<br>(Italy)      | flat                     | vie1240          |
|                                                |                      | rising                   | vie1241          |
|                                                |                      | falling                  | vie1242          |

**Vietnamese audio (Sheet 8 of 13)**

| <b>Vietnamese phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|--------------------------|--------------------------|------------------|
| guilder                                        | guilder<br>(Netherlands) | flat                     | vie1248          |
|                                                |                          | rising                   | vie1249          |
|                                                |                          | falling                  | vie1250          |
| cent                                           | cent<br>(Netherlands)    | flat                     | vie1256          |
|                                                |                          | rising                   | vie1257          |
|                                                |                          | falling                  | vie1258          |
| pound                                          | pound<br>(UK)            | flat                     | vie1264          |
|                                                |                          | rising                   | vie1265          |
|                                                |                          | falling                  | vie1266          |
| penny                                          | penny<br>(UK)            | flat                     | vie1272          |
|                                                |                          | rising                   | vie1273          |
|                                                |                          | falling                  | vie1274          |
| dong er ro                                     | euro<br>(Euro)           | flat                     | vie1280          |
|                                                |                          | rising                   | vie1281          |
|                                                |                          | falling                  | vie1282          |
| soo er ro                                      | eurocent<br>(Euro)       | flat                     | vie1288          |
|                                                |                          | rising                   | vie1289          |
|                                                |                          | falling                  | vie1290          |
| faat lan                                       | franc<br>(France)        | flat                     | vie1296          |
|                                                |                          | rising                   | vie1297          |
|                                                |                          | falling                  | vie1298          |
| saang tim                                      | centime<br>(France)      | flat                     | vie1304          |
|                                                |                          | rising                   | vie1305          |
|                                                |                          | falling                  | vie1306          |
| peseta                                         | peseta<br>(Spain)        | flat                     | vie1312          |
|                                                |                          | rising                   | vie1313          |
|                                                |                          | falling                  | vie1314          |

**Vietnamese audio (Sheet 9 of 13)**

| <b>Vietnamese phrase or English equivalent</b> | <b>English</b>           | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|--------------------------|--------------------------|------------------|
| peso                                           | peso<br>(Phillipines)    | flat                     | vie1328          |
|                                                |                          | rising                   | vie1329          |
|                                                |                          | falling                  | vie1330          |
| centavo                                        | centavo<br>(Phillipines) | flat                     | vie1336          |
|                                                |                          | rising                   | vie1337          |
|                                                |                          | falling                  | vie1338          |
| ringgit                                        | ringgit<br>(Malaysia)    | flat                     | vie1344          |
|                                                |                          | rising                   | vie1345          |
|                                                |                          | falling                  | vie1346          |
| sen                                            | sen<br>(Malaysia)        | flat                     | vie1352          |
|                                                |                          | rising                   | vie1353          |
|                                                |                          | falling                  | vie1354          |
| baht                                           | baht<br>(Thailand)       | flat                     | vie1360          |
|                                                |                          | rising                   | vie1361          |
|                                                |                          | falling                  | vie1362          |
| satang                                         | satang<br>(Thailand)     | flat                     | vie1368          |
|                                                |                          | rising                   | vie1369          |
|                                                |                          | falling                  | vie1370          |
| won                                            | won<br>(Korea)           | flat                     | vie1376          |
|                                                |                          | rising                   | vie1377          |
|                                                |                          | falling                  | vie1378          |
| franc                                          | franc<br>(Belgium)       | flat                     | vie1384          |
|                                                |                          | rising                   | vie1385          |
|                                                |                          | falling                  | vie1386          |
| centime                                        | centime<br>(Belgium)     | flat                     | vie1392          |
|                                                |                          | rising                   | vie1393          |
|                                                |                          | falling                  | vie1394          |

**Vietnamese audio (Sheet 10 of 13)**

| <b>Vietnamese phrase or English equivalent</b> | <b>English</b>        | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|-----------------------|--------------------------|------------------|
| dollar                                         | dollar<br>(Canada)    | flat                     | vie1400          |
|                                                |                       | rising                   | vie1401          |
|                                                |                       | falling                  | vie1402          |
| cent                                           | cent<br>(Canada)      | flat                     | vie1408          |
|                                                |                       | rising                   | vie1409          |
|                                                |                       | falling                  | vie1410          |
| dollar                                         | dollar<br>(Hong Kong) | flat                     | vie1416          |
|                                                |                       | rising                   | vie1417          |
|                                                |                       | falling                  | vie1418          |
| cent                                           | cent<br>(Hong Kong)   | flat                     | vie1424          |
|                                                |                       | rising                   | vie1425          |
|                                                |                       | falling                  | vie1426          |
| gok                                            | gok<br>(Hong Kong)    | flat                     | vie1488          |
|                                                |                       | rising                   | vie1489          |
|                                                |                       | falling                  | vie1490          |
| escudo                                         | escudo<br>(Portugal)  | flat                     | vie1432          |
|                                                |                       | rising                   | vie1433          |
|                                                |                       | falling                  | vie1434          |
| centavo                                        | centavo<br>(Portugal) | flat                     | vie1440          |
|                                                |                       | rising                   | vie1441          |
|                                                |                       | falling                  | vie1442          |
| yuan                                           | yuan<br>(China)       | flat                     | vie1448          |
|                                                |                       | rising                   | vie1449          |
|                                                |                       | falling                  | vie1450          |
| jiao                                           | jiao<br>(China)       | flat                     | vie1456          |
|                                                |                       | rising                   | vie1457          |
|                                                |                       | falling                  | vie1458          |

**Vietnamese audio (Sheet 11 of 13)**

| <b>Vietnamese phrase or English equivalent</b> | <b>English</b>     | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|--------------------|--------------------------|------------------|
| fen                                            | fen<br>(China)     | flat                     | vie1464          |
|                                                |                    | rising                   | vie1465          |
|                                                |                    | falling                  | vie1466          |
| pound                                          | pound<br>(Ireland) | flat                     | vie1472          |
|                                                |                    | rising                   | vie1473          |
|                                                |                    | falling                  | vie1474          |
| penny                                          | penny<br>(Ireland) | flat                     | vie1480          |
|                                                |                    | rising                   | vie1481          |
|                                                |                    | falling                  | vie1482          |
| dong shekel zo tai                             | shekel<br>(Israel) | flat                     | vie4000          |
|                                                |                    | rising                   | vie4001          |
|                                                |                    | falling                  | vie4002          |
| agoro                                          | agoro<br>(Israel)  | flat                     | vie4008          |
|                                                |                    | rising                   | vie4009          |
|                                                |                    | falling                  | vie4010          |
| dong co ru na teip                             | koruna<br>(Czech)  | flat                     | vie4016          |
|                                                |                    | rising                   | vie4017          |
|                                                |                    | falling                  | vie4018          |
| haleru                                         | haleru<br>(Czech)  | flat                     | vie4024          |
|                                                |                    | rising                   | vie4025          |
|                                                |                    | falling                  | vie4026          |
| dong li ra tou                                 | lira<br>(Turkey)   | flat                     | vie4032          |
|                                                |                    | rising                   | vie4033          |
|                                                |                    | falling                  | vie4034          |
| dong drachma i cap                             | drachma<br>(Greek) | flat                     | vie4040          |
|                                                |                    | rising                   | vie4041          |
|                                                |                    | falling                  | vie4042          |

**Vietnamese audio (Sheet 12 of 13)**

| <b>Vietnamese phrase or English equivalent</b> | <b>English</b>       | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|----------------------|--------------------------|------------------|
| dong                                           | dong<br>(Vietnamese) | flat                     | vie4048          |
|                                                |                      | rising                   | vie4049          |
|                                                |                      | falling                  | vie4050          |
| rup pee                                        | rupee<br>(Indian)    | flat                     | vie4056          |
|                                                |                      | rising                   | vie4057          |
|                                                |                      | falling                  | vie4058          |
| dong paisa                                     | paisa<br>(Indian)    | flat                     | vie4064          |
|                                                |                      | rising                   | vie4065          |
|                                                |                      | falling                  | vie4066          |
| seng                                           | morning              | flat                     | vie920           |
|                                                |                      | rising                   | vie921           |
|                                                |                      | falling                  | vie922           |
| tchua                                          | afternoon            | flat                     | vie924           |
|                                                |                      | rising                   | vie925           |
|                                                |                      | falling                  | vie926           |
| tchiu                                          | evening              | flat                     | vie928           |
|                                                |                      | rising                   | vie929           |
|                                                |                      | falling                  | vie930           |
| dam                                            | night                | flat                     | vie932           |
|                                                |                      | rising                   | vie933           |
|                                                |                      | falling                  | vie934           |
| nooa dam                                       | mid-night            | flat                     | vie936           |
|                                                |                      | rising                   | vie937           |
|                                                |                      | falling                  | vie938           |
| tu                                             | rank                 | flat                     | vie940           |
|                                                |                      | rising                   | vie941           |
|                                                |                      | falling                  | vie942           |

**Vietnamese audio (Sheet 13 of 13)**

| <b>Vietnamese phrase or English equivalent</b> | <b>English</b>                              | <b>Phrase intonation</b> | <b>File name</b> |
|------------------------------------------------|---------------------------------------------|--------------------------|------------------|
| tang                                           | month                                       | flat                     | vie944           |
|                                                |                                             | rising                   | vie945           |
|                                                |                                             | falling                  | vie946           |
| nam                                            | year                                        | flat                     | vie948           |
|                                                |                                             | rising                   | vie949           |
|                                                |                                             | falling                  | vie950           |
| le                                             | zero                                        | flat                     | vie952           |
|                                                | ( used in numbers when 0 precedes a number) | rising                   | vie953           |
|                                                |                                             | falling                  | vie954           |
| lam                                            | five                                        | flat                     | vie956           |
|                                                | ( used when five is in unit's place)        | rising                   | vie957           |
|                                                |                                             | falling                  | vie958           |
| chaan                                          | even                                        | flat                     | vie960           |
|                                                |                                             | rising                   | vie961           |
|                                                |                                             | falling                  | vie962           |