COMMON LANGUAGE
CIRCUIT IDENTIFICATION
SPECIAL SERVICE CIRCUITS

CONTENTS PAGE

1. GENERAL

1.01 This section describes the principles by which Special Service Circuits are identified under the Common Language Format. These principles are:

(a) To provide a system standard that will be used in Business Information Systems (BIS) developed systems and in related applications.

(b) To present specific rules as to which Common Language format, Serial Number, or Telephone Number should be used to identify a Special Service Circuit.

(c) To list Standard Service codes and definitions which are to be used in the identification formats.

(d) To describe a method by which the use of Telephone Company or customer provided equipment and/or facilities may be identified.

(e) To supersede related information pertaining to the Common Language Circuit Identification for Special Service Circuits in Sections 005-200-100, 660-200-015, 682-000-011, and 682-000-012.

1.02 This section is reissued to clarify instructions, add new codes, and change existing codes. Since this reissue covers a general revision, marginal arrows ordinarily used to indicate changes have been omitted.

1.03 Questions concerning these codes and requests for additional codes should be directed to the Common Language Department (Bell Laboratories, BISP Area) via the appropriate Operating Company Common Language Contact. Any changes in coding will require the approval of AT&T Company.

1.04 Listed below are associated Bell System Practices:

Section 660-200-015—Private Line Service—Minimum Service Charge Arrangements

Section 682-000-011—Plant Assignment—Circuit Layout Record—Description

Section 682-000-012—Numbering and Identifying Special Services and Channels

Section 751-100-110—Common Language—Telephone Company Codes

Section 751-100-200—Common Language—Telephone Number Codes

Section 795-400-100—Common Language Circuit Identification Message Trunks

2. CIRCUIT DESCRIPTION

2.01 The purpose of circuit identification is to provide a coded designation by which a particular Special Service Circuit may be identified. It requires that this designation be unique, that it be in a form that people can read and obtain meaning, and that it be acceptable for both a manual and mechanized procedure.

2.02 The standard designations for Special Service Circuits are

(a) Serial Number Format

(b) Telephone Number Format

2.03 The Serial Number Format shall be used only when the circuit being identified ***cannot*** be uniquely identified by a telephone number plus extension or trunk code, where applicable. Figure 1 shows the format of the Serial Number Format. The Serial Number Format shall contain the following data fields:

(a) PREFIX—2 characters

(b) SERVICE CODE & MODIFIER—2 characters (Service Code)—2 characters (Modifier)

(c) SERIAL NUMBER—6 characters

(d) SUFFIX—3 characters

(e) COMPANY ASSIGNING CIRCUIT IDENTIFICATION—4 characters (see 3.05)

(f) SEGMENT NUMBER—3 characters.

Note: The Serial Number Format is a maximum 22-character code. When the Serial Number Format is used as a fixed format on manual documents or on EDP inputs or outputs, certain data fields should be separated for code readability.

2.04 The Telephone Number Format shall be used when a circuit can be identified by a unique telephone number plus extension or trunk code, where applicable. Services which are in parentheses in Table A are to use the Telephone Number Format. Figure 2 shows the format of the Telephone Number Format. The Telephone Number Format shall contain the following data fields:

(a) PREFIX—2 characters

(b) SERVICE CODE & MODIFIER—2 characters (Service Code)—2 characters (Modifier)

(c) NUMBER PLAN AREA CODE—3 characters

(d) CENTRAL OFFICE UNIT CODE—3 characters

(e) LINE NUMBER CODE—4 characters

(f) EXTENSION NUMBER/TRUNK CODE*—5 characters

(g) SEGMENT NUMBER—3 characters.

****TRUNK CODE:*** The trunk code is used to identify Special Service Circuits which have the same telephone number; such as, circuits in a one-way outgoing PBX trunk group.

Note: The Telephone Number Format is a maximum 24-character code. When the Telephone Number Format is used as a fixed format on manual documents or on EDP inputs or outputs, certain data fields should be separated for code readability.

2.05 Certain Special Service Circuits are identified by using the Common Language Message Trunks format described in Section 795-400-100. These circuits are identified in this section as well as the above mentioned section.

2.06 Where some applications, eg, number cards at stations or some service order documents, limit the number of characters which can be used, it may be necessary to truncate these codes to include only those elements which provide unique circuit identification. When truncation is required, the following code elements should be used:

Serial Number Format

—Prefix
—Service Code (less modifiers)
—Serial Number
—Suffix
—Company Assigning Circuit Identification

Telephone Number Format

—NPA Code
—Central Office Unit Code
—Line Number Code
—Extension/Trunk Number Code

Note: Instructions for using the codes shown in this section on Universal Service Orders are covered in GL 73-08-153.

3. STANDARD DESIGNATION—SERIAL NUMBER FIXED FORMAT

3.01 CHARACTER POSITIONS 1 and 2—PREFIX: The PREFIX shall be entered by the company issuing the circuit. The use of the PREFIX is optional. If it is not used, it shall be left blank.

PREFIX codes may be either alpha, numeric, or alphanumeric.

3.02 CHARACTER POSITIONS 3 to 6—SERVICE CODE and MODIFIER are listed in (a) through (c) below:

(a) ***Character Positions 3 and 4***—The appropriate service code from Table A shall be recorded in this field by the issuing company. When the Special Service Circuit being identified consists of Alternate Services, ie, a circuit that uses common facilities to provide two or more services that the customer elects to use in only one mode at a particular time, the code "AL" shall be used in character positions 3 and 4. An example of an Alternate Service is a circuit that operates as a PBX tie trunk during the day and as a foreign exchange trunk at night. When the code "AL" is used, the circuit identification shall use the serial number format.

(b) ***Character Position 5***—The appropriate modifier shall be recorded by the issuing company. The modifiers are as follows:

(1) "N"—Service identified in character positions 3 and 4 is designed for nondata operation.

(2) "D"—Service identified in character positions 3 and 4 is terminated in data sets or in teletypewriter equipment; or, the facilities used to provide the service have been "data conditioned."

(3) "A"—Service identified in character positions 3 and 4 is designed for alternate nondata and data (data conditioned) operation.

(4) "S"—Service identified in character positions 3 and 4 is designed for simultaneous voice and data operation.

(c) ***Character Position 6***—The appropriate modifier shall be recorded by the issuing company. The modifiers are as follows:

(1) "T"—All Telephone Company provided equipment and facilities.

(2) "C"—All or part of the equipment and/or facilities provided by other than the Telephone Company. In this case, the customer may be liable for a maintenance service charge.

3.03 CHARACTER POSITIONS 7 to 12—SERIAL NUMBER:

(a) WITHOUT USE OF SUFFIX—When the SUFFIX is not used, the SERIAL NUMBER will be used to uniquely identify each Special Service Circuit by SERVICE CODE.

Example:

PREFIX		SERVICE CODE		MODIFIER			SERIAL NUMBER					
		P	L	D	T		1	2	3	4	5	6
1	2	3	4	5	6		7	8	9	10	11	12

PREFIX		SERVICE CODE		MODIFIER			SERIAL NUMBER					
		P	L	D	T		1	2	3	4	5	7
1	2	3	4	5	6		7	8	9	10	11	12

If the PREFIX is used by the issuing company, the SERIAL NUMBER will be used to uniquely identify a Special Service Circuit by SERVICE CODE within each unique PREFIX.

Example:

PREFIX	SERVICE CODE	MODIFIER		SERIAL NUMBER
5 2	P L	D T		1 2 3 4 5 6
1 2	3 4	5 6		7 8 9 10 11 12
PREFIX	SERVICE CODE	MODIFIER		SERIAL NUMBER
6 2	P L	D T		1 2 3 4 5 6
1 2	3 4	5 6		7 8 9 10 11 12

(b) WITH SUFFIX—When the SUFFIX is used (refer to 3.04), the SERIAL NUMBER plus the SUFFIX will be used to uniquely identify each Special Service Circuit by SERVICE CODE.

Example:

PREFIX	SERVICE CODE	MODIFIER		SERIAL NUMBER		SUFFIX
	P L	D T		1 2 3 4 5 6		3
1 2	3 4	5 6		7 8 9 10 11 12		13 14 15
PREFIX	SERVICE CODE	MODIFIER		SERIAL NUMBER		SUFFIX
	P L	D T		1 2 3 4 5 6		4
1 2	3 4	5 6		7 8 9 10 11 12		13 14 15
PREFIX	SERVICE CODE	MODIFIER		SERIAL NUMBER		SUFFIX
	P L	N T		1 2 3 4 5 6		5
1 2	3 4	5 6		7 8 9 10 11 12		13 14 15

If the PREFIX is used by the issuing company, the SERIAL NUMBER plus SUFFIX will be used to uniquely identify a Special Service Circuit by SERVICE CODE ***within*** each unique PREFIX.

Example:

PREFIX	SERVICE CODE	MODIFIER	SERIAL NUMBER	SUFFIX
5 2	P L	D C	1 2 3 4 5 6	1 9 3
1 2	3 4	5 6	7 8 9 10 11 12	13 14 15

PREFIX	SERVICE CODE	MODIFIER	SERIAL NUMBER	SUFFIX
6 2	P L	N C	1 2 3 4 5 6	1 9 3
1 2	3 4	5 6	7 8 9 10 11 12	13 14 15

Note: The SERIAL NUMBER shall be assigned by the issuing company. It shall be a numeric value.

3.04 CHARACTER POSITIONS 13 to 15—SUFFIX: The use of the SUFFIX is optional. Where it is advantageous to relate a group of Special Service Circuits with the same SERVICE CODE for the same customer and with a similar equipment termination at each end, the SUFFIX can be used. When the SUFFIX is used, all the circuits within the group shall have the

(a) Same PREFIX (if used),

(b) Same SERVICE CODE, and

(c) Same SERIAL NUMBER.

Note: The SUFFIX shall be a numeric value. When the SUFFIX is not used, it shall be left blank.

3.05 CHARACTER POSITIONS 16 to 19—COMPANY ASSIGNING CIRCUIT IDENTIFICATION: In Order to ensure unique Special Service Circuit Identification between Operating Telephone Companies, the Company assigning the circuit identification shall record its identification in character positions 16 to 19. The approved Bell System Associated or Affiliated Company Name codes and Independent Telephone Company codes are listed in Section 751-100-110. The Bell System 2-character codes shall be placed in character positions 16 and 17. Character positions 18 and 19 are to be left blank. The Independent Company 4-character codes shall be entered in character positions 16 to 19. The identification of the assigning company is mandatory on all intercompany Special Service Circuits.

3.06 CHARACTER POSITIONS 20 to 22—SEGMENT NUMBER: In order to uniquely identify all segments of a multipoint Special Service Circuit, the SEGMENT NUMBER field shall be used. There are two types of segments, namely, legs and sections. Legs are defined as segments from the last Central Office or last bridge point in the exchange plant to the customer's premises and are identified by a maximum of 3-alpha characters. Sections are defined as segments between one or more Central Offices and/or bridge points without intermediate bridging and are identified by a maximum of 3-numeric characters. When the SEGMENT NUMBER field is not used, it is to be left blank.

4. STANDARD DESIGNATION—TELEPHONE NUMBER FIXED FORMAT

4.01 CHARACTER POSITIONS 1 and 2—PREFIX: Same as 3.01.

4.02 CHARACTER POSITIONS 3 to 6—SERVICE CODE & MODIFIER: Same as 3.02.

Note: In some cases more than one Service Code may be applicable to the same circuit, eg, a foreign exchange line which also has a secretarial line associated with it. While such services are ***not alternate services,*** the Service Code which is used should be applied consistently. Accordingly, where several Service Codes may apply, the Service Code which is assigned

should be selected in the following order of priority:

(a) WATS (WI, WO, WS, WX, WY, WZ)

(b) Foreign Exchange (FL, FT)

(c) CO Line or PBX Trunk (CL, CX, FD, OC, OS, PX, TK, TR, TU)

(d) Off Premises Extension (OP)

(e) Secretarial Line (SL)

4.03 CHARACTER POSITIONS 7 to 9—NPA CODE: Record the NPA Code associated with the telephone number of the Special Service Circuit.

4.04 CHARACTER POSITIONS 10 to 12—CENTRAL OFFICE UNIT CODE: Record the Central Office Unit Code associated with the telephone number of the Special Service Circuit.

4.05 CHARACTER POSITIONS 13 to 16—LINE NUMBER CODE: Record the line number code of the Special Service Circuit.

4.06 CHARACTER POSITIONS 17 to 21—EXTENSION NUMBER/TRUNK CODE are listed in (a) and (b) below:

(a) When the Special Service Circuit has an extension number associated with its telephone number, it shall be recorded in character positions 17 to 21. Where direct inward dialing is provided, the extension number will appear as the line number code. If no extension number is used, the field is to be left blank.

(b) For those Special Services, eg, a group of one-way outgoing PBX trunks which have a common telephone number, each trunk is to be identified by a trunk code in character positions 17 to 21. Trunk codes may be alpha, numeric, or alphanumeric. If no trunk code is recorded, the field is to be left blank.

4.07 CHARACTER POSITIONS 22 to 24—SEGMENT NUMBER: In order to uniquely identify all segments of a multipoint Special Service Circuit, the SEGMENT NUMBER field shall be used. There are two types of segments: legs and sections. ***Legs*** are defined as segments from the last Central Office or last bridge point in the exchange plant to the customer's premises and are identified by a maximum of 3-alpha characters. ***Sections*** are defined as segments between one or more Central Office and/or bridge points without intermediate bridging and are identified by a maximum of 3-numeric characters. When the SEGMENT NUMBER field is not used, it is to be left blank.

TABLE A

SERVICE CODES

SERVICE	CODE	FUNCTION/REMARKS
Note: ( ) = Telephone number format must be used.		
VIDEO SERVICES		
Community Antenna Television	VC	Provides a video cable distribution system for a Community Antenna Television Company.
Educational Television	VE	Provided under special tariff for educational network services without network protection.
Industrial Television	VI	Provided without network protection for nonbroadcast customers.
Local Video	VT	Provides unidirectional channels for video transmission in connection with television broadcasting. A local video channel may be used within an exchange area, between a station and a point of connection with an interexchange channel. It may also be used between two points within an exchange area or between two locations in separate exchange areas if the mileage is 25 miles or less. It may also be used between a studio and transmitter.
Network Video	VN	Provides unidirectional interexchange channels for video transmission in connection with television broadcasting. The service is used when the channel mileage exceeds 25 miles or for multipoint service of any distance.
Pay Television	VP	Provides a video cable distribution and metering system for an authorized licensed operator.
PROGRAM SERVICES		
Local Program Channel	PT	Provides a unidirectional channel for radio broadcasting. It may be used within an exchange area to connect a location to a point of connection with an interexchange channel and it may be used to connect two locations within an exchange area. It is also used between a studio and transmitter.
Network Program Channel	PN	Provides a unidirectional channel for radio broadcasting. It is that section of a thru-channel that interconnects exchanges in which stations or channels in Telephone Company offices are located.
TELEGRAPH SERVICES		
Morse Channel	MR	Provides a channel for the transmission of Morse or similar code.

TABLE A

SERVICE CODES (Cont)

SERVICE	CODE	FUNCTION/REMARKS
Teletypewriter Channel	TT	Provides a full-time fixed layout of telegraph grade facilities (150 bands or less) or equivalent, for use by two or more teletypewriter stations. In some cases, the channel may terminate in a computer port.
Teletypesetter	TS	Provided for the operation of a customer's owned and maintained automatic typesetter equipment.
CENTREX SERVICES		
Centrex CO Line	(CL)	Provides a direct connection from a Centrex Unit located on Telephone Company premises and a station located on the customer's premises.
Centrex CU Station Line	(CX)	Provides a direct connection from a Centrex Unit located on the customer's premises to a station at the same location.
Centrex CU Station Line Off Premises	(OC)	Provides a direct connection from a Centrex Unit located on the customer's premises to a station located on the customer's premises remote from the Centrex Unit location.
Attendant *	AD	Provides interconnection between a Centrex switching machine and a customer's attendant equipment and used to handle assistance type traffic to the customer's attendant.
Direct-In-Dial *	DI	Provides a connection from a switching machine to a Centrex CU for completion of direct-in-dial traffic.
Direct-Out-Dial *	DO	Provides a connection from a Centrex CU to a switching machine for direct station access to the world.
Automatic Identified Outward Dialing *	AI	Provides a connection from a Centrex CU to a switching machine to identify outward dialed calls by the line number of the originating station.
TELEPHONE SERVICES		
Concentrator Identifier Signaling Pair	CP	A service that provides a signaling pair between the originating and terminating end of a Concentrator Identifier System.

* These circuits can be identified in either the Message Trunk format (Section 795-400-100) or the Special Service format, depending upon local administration.

TABLE A

SERVICE CODES (Cont)

SERVICE	CODE	FUNCTION/REMARKS
Concentrator Identifier Trunk	CI	A voice or signaling path between two concentrator identifier terminals, provided to reduce the number of facilities between the Telephone Company office and a remote service location, such as an answering service, by concentrating calls on a small number of facilities while retaining the ability, at the service location, to identify the originating line.
Data Line	(FD)	Provides a direct connection from a DATAPHONE® set or equivalent on the customer's premises to the Central Office. This Central Office may not, for Telephone Company reasons, be its normal Central Office. This service has access to the DDD network.
Dictation Line	(DL)	Provides a connection between a PBX or Central Office and a dictation device.
Foreign Exchange Line	(FL)	Provides a direct connection from a station on a customer's premises to a Central Office other than the one which would normally serve the customer's location.
Foreign Exchange Trunk	(FT)	Provides a service between a PBX, ACD, turret, Centrex, or a CCSA switcher and a remote Central Office other than the Central Office which would normally serve the customer's location.
Intertandem Tie Trunk	IT	Connects two tandem PBXs in a PBX Tie Trunk Network. An Intertandem Tie Trunk may be connected to other Tie Trunks at both ends.
Local PBX Trunk	(TK)	Provides a connection from a PBX at a customer's premises and a Central Office which normally serves the PBX location.
Local Service	(LS)	Local residential, business, or coin service (POTS), served from its normal serving wire center, requiring the assignment of equipment and/or facilities that are inventoried in the trunk bureau records. This code is provided to allow such assignments to be recorded in a mechanized trunk record keeping system.
Long Distance Terminal Line	LL	Provides a direct connection from a telephone station at a customer's location to a toll switchboard.
Long Distance Terminal Trunk	LT	Provides a direct connection from a PBX or Centrex at a customer's location to a toll switchboard.
Non-Tandem Tie Trunk	TL	Provides interconnection between two PBXs. A Non-Tandem Tie Trunk may not be connected to another Tie Trunk at either end.

TABLE A

SERVICE CODES (Cont)

SERVICE	CODE	FUNCTION/REMARKS
Off Premises Extension Line	(OP)	Provides a connection from an extension telephone station to the main station line. The extension telephone is located at a customer's location which is remote from the main station location.
Off Premises Intercommunication Station Line	(OI)	Provides a connection from an intercommunication station to the key telephone equipment serving it. The intercommunication station is located at a customer's location that is remote from the key equipment location.
Off Premises PBX Station Line	(OS)	Provides a connection from a PBX to a station at a location remote from the PBX location.
PBX Station Line*	(PX)	Provides a direct connection from a PBX to a station located on the same premises.
PICTUREPHONE® Line	(PP)	Provides a direct connection from a PICTUREPHONE station located on a customer's premises to a Central Office which has access to the PICTUREPHONE network.
Satellite Tie Trunk**	SA	Interconnects a main PBX to a Satellite PBX.
Secretarial Line	(SL)	Provides a connection from a Call Answering Board to the bridging point on a subscriber line in a Central Office.

* This service is identified only when it has been data conditioned or is terminated in data or teletypewriter equipment. The service will also be identified when it connects to customer provided equipment or facilities.

** When a satellite PBX is involved, this code takes precedence over other tie trunk codes, IT, TA, and TL.

Tandem Tie Trunk	TA	Provides an interconnection from a nontandem PBX to a tandem PBX. A Tandem Tie Trunk may be connected to another Tie Trunk at one end only. This is not a switched services network.
Turret or Automatic Call Distributor (ACD) Line	(TU)	Provides a connection from a PBX or Centrex to a turret or ACD.
Turret or Automatic Call Distributor (ACD) Trunk	(TR)	Provides a direct connection from its normal serving Central Office to a turret or ACD. The service may also provide a direct connection from one turret or ACD to another turret or ACD.
WATS Line (in)	(WX)	Connects a station to a WATS Central Office. In WATS lines are used exclusively for incoming, bulk rate calls from specified areas to the station.

TABLE A

SERVICE CODES (Cont)

SERVICE	CODE	FUNCTION/REMARKS
WATS Line (out)	(WO)	Connects a station to a WATS Central Office. Out WATS lines are used exclusively for outgoing, bulk rate calls from the station to specified areas.
WATS Line (2-way)	(WZ)	Connects a station to a WATS Central Office. A 2-way WATS line provides for bulk rate 2-way calling to and from specified areas and the station.
WATS Trunk (in)	(WI)	Provides a connection from a PBX, CCSA switcher, turret, or Centrex to a WATS Central Office. In WATS Trunks provide inward, bulk rate, one-way calling from specified areas to the PBX, CCSA switcher, turret, or Centrex.
WATS Trunk (out)	(WS)	Provides a connection from a PBX, CCSA switcher, turret, or Centrex to a WATS Central Office. Out WATS Trunks provide outward, bulk rate, one-way calling to specified areas from the PBX, CCSA switcher, turret, or Centrex.
WATS Trunk (2-way)	(WY)	Provides a connection from a PBX, CCSA switcher, turret, or Centrex to a WATS Central Office. Two-way WATS Trunks provide inward and outward, bulk rate, calling to and from specified areas and the PBX, CCSA switcher, turret, or Centrex.
CCSA/SSN SERVICES		
CCSA Access Line	CA	Provides a circuit which connects a main PBX or Centrex that is part of the Switched Services Network to a class SS-1, SS-2, or SS-3 office.
CCSA Network Trunk	CN	Provides a circuit between a class SS-3 or higher switching office in the hierarchy plan or between any two offices in the hub plan.
CCSA Station Line	(CE)	Provides a connection from a station to an SS-1, SS-2, or SS-3 switcher
CCSA Tie Trunk	CT	Provides an interconnection between a Satellite or Tributary PBX and a Main PBX or Centrex in the switched services network.
Off Network Access Line	(ON)	Provides an interconnection between an SS-1, SS-2, or SS-3 switcher and its normal serving Central Office or a higher class switcher in the message network.

TABLE A

SERVICE CODES (Cont)

SERVICE	CODE	FUNCTION/REMARKS
MISCELLANEOUS SERVICES		
Announcement Service	AN	Provides a channel which has access to a recorded announcement system. The Sponsor is other than the Telephone Company.
Autoscript	AU	Provides a channel for the direct transmission of handwritten information between two or more locations. The channel does not have access to the switched message network.
Bells and Lights	BL	Provides for the connection of a Civil Defense Control Center bell and light receiving station and warning system control equipment.
Channel Service	CS	Provides a channel which has the capacity of transmitting up to 30 bauds. The channel does not have access to the switched message network.
Control/Remote Metering (AC)	VM	Provides a channel that connects a central point and remote locations, permitting the central location to selectively measure or control quantities or operations at the remote locations. The terminal equipment responds to varying frequency or tones.
Control/Remote Metering (DC)	TC	Provides a channel that connects a central point and remote locations, permitting the central location to selectively measure or control quantities or operations at the remote locations. The terminal equipment responds to varying direct current conditions.
Data Concentrator Station Line	DX	Station line terminals off a Data Line Concentrator. A service for connecting clusters of data stations such as teletypewriter stations, to a smaller number of data terminals including time-shared computers.
Data Line Concentrator Trunk	DT	A private line connecting a Data Line Concentrator with its associated data terminals such as a time-shared computer.
Data Multiplex	DM	A voice grade channel which is used by a customer other than a communications common carrier to derive several low speed data channels.
Data Multiplex Channel	MC	A low speed 75- or 150-baud data channel derived from a Data Multiplexer equipped with a Telco furnished multiplexer.

TABLE A

SERVICE CODES (Cont)

SERVICE	CODE	FUNCTION/REMARKS
Digital Data	DS	Provides for two or more points of private line digital data transmission operating at synchronous data speeds such as 2.4, 4.8, 9.6, and 56 kilobits per second. No alternate voice or voice coordination will be provided with this service.
Emergency Reporting Line	EL	Provides for the direct connection of reporting station(s) at designated locations to a central reporting location without access to the message network. The central point may be equipped with individual stations, turret, or reporting switchboard. *This does not include 911 service which is identified in the Message Trunk format (Section 795-400-100).*
Entrance Facility	EF	Provides a voice grade channel to extend customer provided facilities to a premises of the customer or an authorized user where the customer is other than an (OCC) Other Common Carrier. The customer's or authorized user's premises must be located 25 airline miles or less from the point at which the customer provided communication channel is connected to the Telephone Company entrance facility.
Fire Dispatch	FR	Provides a group alerting system that operates warning devices at various locations from a central point. This service is used by fire or ambulance companies to alert their members.
Home Bound Student	HB	Provides a channel for intercommunication between a student's home, hospital room, and classroom. This service does not have access to the switched message network.
Paging	PG	Provides for the transmission of announcements or signals to a loudspeaker(s).
Plant or Traffic Department	PD	Provides a channel used by the Plant or Traffic Departments for maintenance or control purposes.
Private Line	PL	Provides a full time service for the transmission of voice and/or data between two or more stations or order equipment, eg, turrets, order tables, etc. A private line is for the exclusive use of certain stations or order equipment and has no access to the switched message network. Signaling between stations or order equipment may be voice, manual, automatic, or dial.
Protective Alarm (AC)	PA	Provides a channel for an alarm system in which information is transmitted by means of varying frequencies or tones.

TABLE A

SERVICE CODES (Cont)

SERVICE	CODE	FUNCTION/REMARKS
Protective Alarm (DC Parallel)	BA	Provides a channel for an alarm system. The alarm points are bridged to the main route or leg.
Protective Alarm (DC Serial)	SC	Provides a channel for an alarm system. The alarm points are arranged in series.
Radio Land Line	RT	Provides a channel used to provide access to nonbroadcast radio transceivers.
Reference Frequency	RF	Provides a channel for the transmitting of specified reference frequencies.
Remote Attendant	RA	PBX service that allows an attendant to perform attendant functions at one or more PBXs that are remote from the attendant location.
Siren Control	BS	Provides a channel for the control of a siren or warning system.
Telephoto/Facsimile	TF	A service used for the transmission of shades of black and white (telephoto) or (facsimile) signals to one or more locations.
Wired Music	MT	Provides for the transmission of either speech or music between two or more locations.
OTHER COMMON CARRIER (OCC)		The term "Other Common Carrier" denotes a Specialized Common Carrier (eg, MCI, RCA, etc), a Domestic or International Public Record Carrier (eg, WU), or Domestic Satellite carrier not engaged in the business of providing public message telecommunications services.
OCC Special Facility	CF	A communication path provided to an Other Common Carrier under applicable tariffs, comprised of any form or configuration of physical plant, other than a voice grade facility or wire pair facility, for the transmission of communications signals.
OCC Voice Grade Facility	CV	A communication path provided to an Other Common Carrier under applicable tariffs between two points, comprised of any form or configuration of physical plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hertz.
OCC Wire Pair Facility	CW	A communication path provided to an Other Common Carrier under applicable tariffs between two points, comprised of metallic conductors capable of transmitting direct current.

TABLE A

SERVICE CODES (Cont)

SERVICE	CODE	FUNCTION/REMARKS

Note: These service codes should be used to identify facilities furnished to all Other Common Carriers (OCCs), including the Western Union Telegraph Company, under provision of the OCC tariffs.

WESTERN UNION

Western Union Facsimile	WT	A facility leased to the Western Union Telegraph Company for facsimile transmission.
Western Union Program	WA	A facility leased to the Western Union Telegraph Company for program transmission.
Western Union Telegraph	WU	A facility leased to the Western Union Telegraph Company for telegraph grade service.
Western Union Teletypewriter	WG	A facility leased to the Western Union Telegraph Company for voice frequency carrier systems.
Western Union Voice Channel	WV	A facility leased to the Western Union Telegraph Company suitable for voice transmission.
Western Union Wideband Channel	WK	A facility leased to the Western Union Telegraph Company for broader than voice band transmission.

Note 1: These service codes should be used to identify facilities leased to the Western Union Telegraph Company in accordance with provisions of Contracts No. 1 and 2 where those provisions have *not* been superseded by the OCC tariffs.

Note 2: These codes should not be used beyond the effective expiration dates of Contracts No. 1 and 2.

WESTERN UNION TWX SERVICES

TWX Access Line	(XL)	Provides a direction connection between a TWX station and a Central Office which has access to the TWX switching network.
TWX Concentrator Trunk	XC	Provides a transmission path between Western Union TWX Line Concentrators.
TWX Concentrator Signaling Lead	XS	Provides a control lead between Western Union TWX line Concentrators.
TWX Data Multiplexer	XM	Provides a voice grade channel between B1 data terminals used to derive TWX Data Trunks.
TWX Data Test Line	XX	Provides a channel between equipment in a DDD or TWX office and the automatic data test line equipment.
TWX Data Trunk	XD	Provides a narrow band channel between TWX switchers.
TWX Offnet Trunk	XO	Provides a connection between a TWX switcher and the DDD network switching arrangements.

TABLE A

SERVICE CODES (Cont)

SERVICE	CODE	FUNCTION/REMARKS
TWX Trunk	XT	Provides a voice grade channel between TWX switchers.
WIDEBAND		
DATAPHONE 50	(DE)	Provides for the transmission of wideband data over Telephone Company facilities. A switched 50 kilobits per second data service.
Wideband Channel	FW	Provides a channel which is the total equivalent of six or more voice grade channels.
MINIMUM SERVICE CHARGE		
MSC (Minimum Service Charge) Constructed Circuit	PZ	Provides a minimum service charge when a single customer has large requirements for Private Service and the Telephone Company has no other requirements in the area. This designation is used to list the contracting customer's initial circuit requirements. This identification also applies when the Constructed Channel and/or service terminals contracted for by the customer are not being used to provide a working service and minimum service charges apply.
MSC (Minimum Service Charge) Constructed Spare Circuit	PS	In some cases of special construction, it is necessary for the Telephone Company to construct facilities of a size that may result in the provision of channels beyond the customer's original requirements. When the nonrecoverable investment associated with the constructed spare facilities is included in the MTL (Maximum Termination Liability), these facilities are identified in the Circuit Identification format.

SPECIAL SERVICE CIRCUIT IDENTIFICATION

PREFIX	*	SERVICE CODE	MODIFIER	*	NPA CODE	*	CENTRAL OFFICE UNIT CODE	*	LINE NUMBER CODE	*	EXTENSION NUMBER OR TRUNK CODE	*	SEGMENT NUMBER
1 2		3 4	5 6		7 8 9		10 11 12		13 14 15 16		17 18 19 20 21		22 23 24

*When using the above format in a manual or mechanized system, it is recommended that certain data fields be separated for overall code readability.

Fig. 2—Telephone Number Format

SPECIAL SERVICE CIRCUIT IDENTIFICATION

PREFIX	*	SERVICE CODE	MODIFIER	*	SERIAL NUMBER	*	SUFFIX	*	COMPANY ASSIGNING CIRCUIT IDENTIFICATION (see note)	*	SEGMENT NUMBER
1 2		3 4	5 6		7 8 9 10 11 12		13 14 15		16 17 18 19		20 21 22

*When using the above format in a manual or mechanized system, it is recommended that certain data fields be separated for overall code readability.

Note: See Section 751-100-110 for Telephone Company Codes

Fig. 1—Serial Number Format