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Bellcore Practice
BR 241-220-125
Issue 1, December 1990

Translations Guide

TOPS Office

DMS Family Switch

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1. GENERAL

1.01 This practice details the procedures for translating a DMS™ 100/200 Family TOPS™ office.

1.02 When this practice is reissued, the reasons for reissue will be listed in this paragraph.

1.03 The person(s) preparing the TOPS translations should be familiar with their company's tariff since it is the only source of information available for determining the data to be entered into some of the tables. Bellcore practice BR 241-220-310, *Map-User Machine Interface (MMI) Manual,* describes Table Editor functions for modifying data.

1.04 Translation tables are categorized as:

- Rating – Section 2
- Administrative – Section 3
- Screening – Section 4
- Routing – Section 5
- Office Parameters – Section 6

Each category is covered within this practice. Section 7 contains an alphabetical listing of each table along with its associated form number and the NTP section that covers its data-entry information.

1.05 Northern Telecom Practices (NTPs) 297-1001-455, 297-2271-350, and 297-2271-451 have been used as a reference source in preparing this practice. Blank translation forms are contained in NTP 297-1001-454. The section number shown on the upper left corner of these blank forms are associated with NTP 297-2271-451, **not** NTP 297-1001-454 (blank forms). Reduced copies of these forms are included in this Bellcore practice and can be found on the page(s) immediately following the table description.

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2. RATING TABLES

2.01 The tables categorized as "Rating" tables are listed below. The TOPS rating system is capable of handling up to 16 originating Numbering Plan Areas (NPAs) and up to 63 originating tariffs (tariff names). The telephone company chooses the method of rating: Automatic, Semi-Automatic, or Manual.

2.02 Not all the listed rating tables require input. This will be determined by the characteristics of the office. However, they **are** listed in a suggested order of priority. The SECTION number refers to the section in NTP 297-2271-451 that contains data-entry associated information for the table.

TABLE	FORM	SECTION
SCHNUM	2700A-B	401
TARIFF	2705A-B	401
SCHED	2730A-B	401
CLGTRF	2710A-B	401
CLDNPA	2715A-B	401
CLDNPAEX	2714A-B	401
LCLRS	2717A-B	401
VH(Worksheet)	2721W	402
VH	2720A-B	402
MILES	2725A-B	403
ORIGRC	2726A-B	428
TERMRC	2727A-B	428
PTP	2728A-B	428
HOLDAY	2760	404
HOLTRT	2761A-B	404
DCOUNT	2735A-B	406
RBKSET(Worksheet)	2750W	405
RBKSET	2750A-B	405
RBKMAP	2751A-B	405
CHARGE	2740A-B	407
CHGMAP	2745A-B	407
SUR	2770A-B	408
TAXMAP	2781A-B	409
TAXES	2780A-B	409
ROUND	2790	409
COUNTRY	2716A-B	411
OVSRS	2718A-B	411
TMZONE	2765A-B	412
MINCHG	2775	415
CITYNUM	2731	416
CITYMAP	2732A-B	416
CITYZONE	2733A-B	416

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TABLE	FORM	SECTION
TOPSENTC	2816	436
DABILL	2839A-B	484
DACCLRS	2778A-B	484
DACCSUR	2840	484
DARSTBIL	2902	484
DATRKOPT	2838A-B	484

2.03 Two test programs are available for changing or verifying the data in the rating tables.

The MASSTC (Mass Table Control) Test Program permits the activation of data changes in 17 tables by duplicating them and making changes in the duplicated tables instead of in the active (mass controlled) tables. The RATE (TOPS Rating) Test Program is used to verify the data in the Rating tables. Both programs are performed from a MAP™ position.

2.04 Both test programs are described in BR 241-220-310.

2.05 A Numbering Plan Area is referred to as an NPA and an office code is referred to as an NXX. They represent the following numeric values:

N = 2-9
P = 0-1
A = 0-9
X = 0-9

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A. List of Rate Schedule Names Table Record – SCHNUM (Form 2700A-B)

2.06 The table name is "SCHNUM." It associates a telephone company defined rate schedule name with a number. This number will be used during call processing to reference the associated rate schedule name.

2.07 The valid entries for each field are listed below:

- **VALUE** – The allowable entries are 1-63. Each entry is associated with only one rate schedule name.
- **SYMBOL** – The allowable entry consists of up to 17 alphanumeric characters. It is defined by the telephone company and should indicate the type of call that is associated with this rate schedule name.

Associated Tables

The name must be entered on table SCHNUM before it can be referenced on the following tables:

SCHED	CLDNPA	CLDNPAEX
LCLRS	MILES	PTP
SUR	CHARGE	CHGMAP
DCOUNT	RBKMAP	HOLTRT
TAXMAP	SRVRS	

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DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454 TOPS FORM CODE 2700A 78 70
SECTION 401 List of Rate Schedule Names Table Record
RELEASE ABO1 Table Name: SCHNUM

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2
T A B	S C H N U M

Table Name

COMMAND	VALUE	SYMBOL (Rate Schedule Name)	
0 0 0 1 2 3	0 0 5 6	0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4	

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DIGITAL MULTIPLEX SYSTEM
TOPS
List of Rate Schedule Names Table Record
Table Name: SCHNUM

PRACTICE 297-1001-454
SECTION 401
RELEASE ABO1

FORM CODE 27008 78 70

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

COMMAND	VALUE	SYMBOL (Rate Schedule Name)	
0 0 0 1 2 3	0 0 5 6	0 0 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4	

B. List of Tariff Names Table Record – TARIFF (Form 2705A-B)

2.08 The table name is "TARIFF." It associates a number with a tariff name for rating and charging domestic and overseas calls. A tariff name (SYMBOL) must be entered in this table before it can be entered in other tables.

2.09 The valid entries for each field are entered below:

- **VALUE** – The allowable entries are 1-63. The numeral zero (0) is not a valid entry.
- **SYMBOL** – The allowable entry consists of up to 17 alphanumerical characters, defined by the telephone company. This tariff name should indicate the character of the area where the NPA-NXX is located (e. g., metropolitan, suburban, rural, etc.).

Associated Tables

CLGTRF	TAXES	TAXMAP	LCLRS
ROUND	CLDNPA	CLDNPAEX	

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PRACTICE 297-1001-454 TOPS FORM CODE 2705A
SECTION 401 List of Tariff Names Table Record 7 8
RELEASE AB01 Table Name: TARIFF 7 0

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

000 123	000 56	0000011111 7890123456	
TAB	TARIFF	Table Name	
COMMAND	VALUE	SYMBOL (Tariff Name)	
000 123	00 56	0011111111112222 8901234567890123 4	

DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454 TOPS FORM CODE 27058
SECTION 401 List of Tariff Names Table Record 7 8
RELEASE AB01 Table Name: TARIFF 7 0

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COMMAND	VALUE	SYMBOL (Tariff Name)	
0 0 0 1 2 3	0 0 5 6	0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4	

C. Rate Schedule Table Record – SCHED (Form 2730A-B)

2.10 The table name is "SCHED." Each SYMBOL (Rate Schedule Name) entered on the SCHNUM table must be entered on this table. The DMS Automatic Rating System uses the data entered on this table for each rate schedule to determine the following:

- The range of rate steps (LRS-HRS)
- The type of termination (TERMTYPE)
- The schedule type (SCHTYPE)
- The coin initial recall period (CIRP)
- The coin recall period (CRP).

2.11 The valid entries for each field are listed below:

- **SCHNAME** – The allowable entry consists of up to 17 alphanumeric characters. Enter the name of the rate schedule as shown in the SYMBOL field in the SCHNUM table.
- **LRS** – The allowable entries are 0-999. This entry (lowest rate step) is defined by the telephone company and is also entered on the CLDNPA, CLDNPAEX, LCLRS, OVSRS, MILES, PTP, and CHARGE tables with its associated SCHNAME.
- **HRS** – The allowable entries are 0-999. This entry (highest rate step) is defined by the telephone company and is also entered on the CLDNPA, CLDNPAEX, LCLRS, OVSRS, MILES, PTP, AND CHARGE tables with its associated SCHNAME.
- **TERMTYPE** – The allowable entries are:
  a. DOM – (DOMESTIC) The Translation System is National (TRANSYS = NA) and it is an operator assisted (OA) or direct dialed (DD) type call.
  b. OVS – (OVERSEAS) The Translation System is International (IN).
  c. LOC – (LOCAL) The Translation System is National (TRANSYS = NA) and it is a no-prefix (NP) type call.
  d. SRV – (SERVICE) The called number is a service number.
- **SCHTYPE** – The schedule type entry here is one of the keys into the CHARGE table. The valid entries are:
  a. STD – (STANDARD) This schedule type differentiates the charge rates by Type of Call (Station-to-Station or Person-to-Person), and Discount Type (PERCENT, RATIO, or NODISC).
  b. CCT – (CALL TYPE) This schedule type differentiates the charge rates by Type of Call (Station-to-Station or Person-to-Person), Call Type (Direct Dialed [DD], Operator Assisted [OA], and Operator Handled [OH]), and Discount Type (PERCENT, RATIO, or NODISC).
  c. SCT – (STATION CLASS TIER) This schedule type differentiates the charge rates by Type of Call (Station-to-Station or Person-to-Person), Station Class (Coin or Noncoin),

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and Discount Type (PERCENT, RATIO, or NODISC).

d. MLT – (MULTI-TIER) This schedule type differentiates the charge rates by Type of Call (Station-to-Station or Person-to-Person), Call Type (Direct Dialed [DD], Operator Assisted [OA], and Operator Handled [OH]), Station Class (Coin or Noncoin), and Discount Type (PERCENT, RATIO, or NODISC).

- **CIRP** – The allowable entries are 0-15. Enter the number of minutes in the Coin Initial Recall Period that elapse before the subscriber is reconnected to a TOPS operator. An entry of zero minutes indicates that the subscriber will not be reconnected to the TOPS operator at the termination of the call.
- **CRP** – The allowable entries are 0-15. Enter the number of minutes in the Coin Recall (Overtime) Period that elapse before the subscriber is reconnected to the TOPS operator. If the entry in the CIRP field is zero (0), the entry here must also be zero.

Associated Table

SCHNUM

DIGITAL MULTIPLEX SYSTEM
PRACTICE 297-1001-454 — TOPS — FORM CODE 2730A
SECTION 401 — Rate Schedule Table Record — 7 8
RELEASE ABO1 — Table Name: SCHED — 7 0

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0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	S C H E D	Table Name

COMMAND	SCHNAME	LRS	HRS	TERMTYPE	SCHTYPE	CIRP	CRP	
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 2 1 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 2 3 4 5	2 2 2 7 8 9	3 3 3 1 2 3	3 3 3 5 6 7	3 4 9 0	4 4 2 3	

DIGITAL MULTIPLEX SYSTEM
TOPS
Rate Schedule Table Record
Table Name: SCHED

PRACTICE 297-1001-454
SECTION 401
RELEASE ABO1

FORM CODE 27308
7 8
7 0

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COMMAND	SCHNAME	LRS	HRS	TERMTYPE	SCHTYPE	CIRP	CRP	
001 002 003	005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021	023 024 025	027 028 029	031 032 033	035 036 037	039 040	042 043	

D. Calling NPA-NXX to Tariff Table Record – CLGTRF (Form 2710A-B)

2.12 The table name is CLGTRF. It is used for domestic local and toll rating to determine the tariff to be used when rating a call from an NPA-NXX served by the TOPS office.

2.13 The valid entries for each field are listed below:

- **NPANXX** – This field consists of the following subfields:
  - — CLGNPA – Enter the calling NPA.
  - — CLGNXX – Enter the calling NXX.
- **TARIFF** – Enter the tariff name of the originating NPA-NXX.

Associated Tables

TARIFF HNPACONT

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PRACTICE 297-1001-454 — TOPS — FORM CODE 2710A 78 70

SECTION 401 — Calling NPA-NXX to Tariff Table Record

RELEASE ABO1 — Table Name: CLGTRF

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	C L G T R F	Table Name

COMMAND	NPANXX		TARIFF	
	CLGNPA	CLGNXX		
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	

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PRACTICE 297-1001-454 — TOPS — FORM CODE 27108
SECTION 401 — *Calling NPA-NXX to Tariff Table Record* — 7 8
RELEASE ABO1 — Table Name: CLGTRF — 7 0

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COMMAND	NPANXX		TARIFF	
	CLGNPA	CLGNXX		
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	

E. Called NPA and Calling Tariff to Rate Type Table Record – CLDNPA (Form 2715A-B)

2.14 The table name is "CLDNPA." It defines the Automatic Rating Method to be used on calls between a specified calling tariff and called NPA. If more than one Automatic Rating Method is required, the Extended Rate Type method is used and table CLDNPA points to table CLDNPAEX where a different Automatic Rating Method may be defined for each specified combination of calling tariff and called NPA-NXX.

2.15 The valid entries for each field are listed below:

- **NPATRF** – Called NPA. See the following subfields:
  - — CLDNPA – Enter the called NPA. N = 2-9, P = 0-1, A = 0-9
  - — TARIFF – Enter the tariff name of the originating NPA-NXX.
- **OVERLAY** – See the following subfields:
  - — RATETYPE – Enter the RATETYPE that defines the method of determining the Automatic Rate Step. It can be one of the following:
    a. VH for V & H method
    b. PTP for Point-to-Point method
    c. SRA for Single Rate Area method
    d. CZ for City Zone method
    e. EXT for Extended Rate Type.
  - — SCHNAME – Enter the 1-17 alphanumeric name as shown on table SCHED with the TERMTYPE = DOM (domestic). If the RATETYPE entry is PTP, leave this field blank. If the RATETYPE entry is VH, CZ, or SRA enter the SCHNAME applicable to this combination of called NPA and calling tariff. If the RATETYPE entry is EXT, enter the SCHNAME that applies when the combination of called NPA-NXX and calling tariff is **not** found in table CLDNPAEX. The call will be rated as if the RATETYPE entry were VH.
  - — RATESTEP – The valid entries are 0-999. An entry is required only when the RATETYPE is SRA.

Associated Tables

Field	Associated Table
TARIFF	TARIFF
RATETYPE	ORIGRC, TERMRC, PTP (for entry PTP)
RATETYPE	VH, MILES (for entry VH)
RATETYPE	CITYMAP, CITYNUM, CITYZONE, VH, MILES (for entry CZ)
RATETYPE	CLDNPAEX (for entry EXT)
SCHNAME	SCHED

PRACTICE 297-1001-454
SECTION 401
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Called NPA and Calling Tariff to Rate Type Table Record
Table Name: CLDNPA

FORM CODE 2715A

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TAB CLDNPA Table Name

COMMAND	NPATRF		OVERLAY			
	CLDNPA	TARIFF	RATETYPE and Refinements			
			PTP			
			VH	SCHNAME		
			EXT	SCHNAME		
			CZ	SCHNAME		
			SRA	SCHNAME	RATE STEP	

DIGITAL MULTIPLEX SYSTEM
TOPS
Called NPA and Calling Tariff to Rate Type Table Record
Table Name: CLDNPA

PRACTICE 297-1001-454
SECTION 401
RELEASE ABO1

FORM CODE 2715B 78 70

OFFICE _____

ORIGINATOR _____

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DATE ISSUED ___ ___ ___

COMMAND	NPATRF		OVERLAY			
	CLDNPA	TARIFF	RATETYPE and Refinements			
			PTP			
			VH	SCHNAME		
			EXT	SCHNAME		
			CZ	SCHNAME		
			SRA	SCHNAME	RATE STEP	
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 5 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5	2 2 2 7 8 9	3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 7 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7	4 5 5 9 0 1	

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
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F. Called NPA-NXX and Calling Tariff to Rate Type Table Record – CLDNPAEX (Form 2714A-B)

2.16 The table name is "CLDNPAEX." It is only required when the RATETYPE subfield in the CLDNPA table for this NPA is set to EXT. It defines the Automatic Rating Method to be used on calls between a specified calling tariff (related to the calling NPA-NXX) and the called NPA-NXX when more than one method is required.

2.17 The valid entries for each field are listed below:

- **TRFNPANXX** – Called NPA. See the following subfields:
  - — CLDNPA – Enter the called NPA. N = 2-9, P = 0-1, A = 0-9
  - — CLDNXX – Enter the called office code. N = 2-9, X = 0-9
  - — TARIFF – Enter the tariff name to which the the originating NPA-NXX belongs.
- **OVERLAY** – See the following subfields:
  - — RATETYPE – Enter the RATETYPE that defines the method of determining the Automatic Rate Step. Note that EXT is not a valid entry.
    a. VH for V & H method
    b. PTP for Point-to-Point method
    c. SRA for Single Rate Area method
    d. CZ for City Zone method.
  - — SCHNAME – Enter the 1-17 alphanumeric name as shown on table SCHED with the TERMTYPE = DOM (domestic). If the RATETYPE is PTP, leave this field blank. If the RATETYPE is VH, CZ, or SRA enter the SCHNAME applicable to to this combination of called NPA and calling tariff.
  - — RATESTEP – The valid entries are 0-999. An entry is required only when the RATETYPE is SRA.

Associated Tables

Field	Associated Table
TARIFF	TARIFF
RATETYPE	ORIGRC, TERMRC, PTP (for entry PTP)
RATETYPE	VH, MILES (for entry VH)
RATETYPE	CITYMAP, CITYNUM, CITYZONE, VH, MILES (for entry CZ)
SCHNAME	SCHED

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DIGITAL MULTIPLEX SYSTEM
TOPS
Called NPA-NXX and Calling Tariff to Rate Type Table Record
Table Name: CLDNPAEX

PRACTICE 297-1001-454
SECTION 401
RELEASE A801

FORM CODE 2714A
7 8
7 0

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0 0 0	0 0 0 0 0 1 1 1	
1 2 3	5 6 7 8 9 0 1 2	
T A B	C L D N P A E X	Table Name

COMMAND	TRFNPAXX			OVERLAY			
	CLDNPA	CLDNXX	TARIFF	RATETYPE and Refinements			
				P T P			
				V H	SCHNAME		
				E X T	SCHNAME		
				C Z	SCHNAME		
				S R A	SCHNAME	RATE STEP	
0 0 0	0 0 0	0 1 1	1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	3 3 3	3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 5	5 5 5	
1 2 3	5 6 7	9 0 1	3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	1 2 3	5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	3 4 5	

PRACTICE 297-1001-454
SECTION 401
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Called NPA-NXX and Calling Tariff to Rate Type Table Record
Table Name: CLDNPAEX

FORM CODE 2714B 78 70

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DATE ISSUED ___ ___ ___

COMMAND	TRFNPAXX			OVERLAY			
	CLDNPA	CLDNXX	TARIFF	RATETYPE and Refinements			
				PTP			
				VH	SCHNAME		
				EXT	SCHNAME		
				CZ	SCHNAME		
				SRA	SCHNAME	RATE STEP	
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	3 3 3 1 2 3	3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 5 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	5 5 5 3 4 5	

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G. Calling Tariff to Local Rate Step Table Record – LCLRS (Form 2717A-B)

2.18 The table name is "LCLRS." It is used to assign RATESTEPS to local schedules. It allows for more than one local charge in an area.

2.19 The valid entries for each field are listed below:

- **TARIFF** – Enter the 1-17 alphanumeric tariff name of the originating NPA-NXX.
- **LC_TYPE** – Enter STD if the associated SCHNAME and RATESTEP are standard for this tariff. Enter SPL if the associated SCHNAME and RATESTEP are not standard for this tariff.
- **SCHNAME** – Enter the 1-17 alphanumeric local schedule name assigned to this tariff that has TERMTYPE LOC on table SCHED.
- **RATESTEP** – The valid entries are 0-999. The RATESTEP entered here must be within the range specified in table SCHED for this SCHNAME.

Associated Tables

TARIFF SCHED

DIGITAL MULTIPLEX SYSTEM
PRACTICE 297-1001-454 TOPS FORM CODE 2717A
SECTION 401 Calling Tariff to Local Rate Step Table Record 78
RELEASE ABO1 Table Name: LCLRS 70

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000 123	00000 56789	1111 0123	
TAB	LCLRS		Table Name

COMMAND	TARIFF		SCHNAME	RATESTEP	
	TARIFF	LC-TYPE			
000 123	00000 56789	01111 01234	11111 56789	12222 01234	22222 56789	23333 01234	33333 56789	34444 01234	44444 56789	44444	

DIGITAL MULTIPLEX SYSTEM
PRACTICE 297-1001-454 TOPS FORM CODE 27178
SECTION 401 Calling Tariff to Local Rate Step Table Record 78
RELEASE ABO1 Table Name: LCLRS 70

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COMMAND	TARIFF		SCHNAME	RATESTEP	
	TARIFF	LC-TYPE			
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 2 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 2 2 3 4 5 6	2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 2 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4	4 4 4 4 6 7 8 9	

H. Vertical and Horizontal Coordinates Table Record – Worksheet (Form 2721W)

2.20 This worksheet is used by the telephone company to list NPAs that are to be rated automatically and to list NXXs within these NPAs that are to be rated manually.

2.21 The valid entries for each field are listed below:

- **NPA** – Enter the NPAs that are to be rated using the mileage-band method.
- **NXX** – Enter the NXXs associated with each NPA that are not to be rated. The NXXs can be entered individually or as a range, if appropriate.

Associated Table

VH

PRACTICE 297-1001-454
SECTION 402
RELEASE 01.02

DIGITAL MULTIPLEX SYSTEM
TOPS
DMS/RATECOMP Worksheet
For Table VH

FORM CODE 2721W 78 70

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NPA TO BE RATED	MANUAL AND SEMI - AUTO RATED NXX		
	FROM	TO	
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	

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I. Vertical and Horizontal Coordinates Table Record – VH (Form 2720A-B)

2.22 The table name is "VH." It is used to input to the DMS switch the V and H coordinates for all NPA-NXX combinations that are to be rated automatically.

2.23 The valid entries for each field are listed below:

- **NPANXX** – This field consists of the following subfields:
  - — NPA – Enter either a calling or called NPA.
  - — NXX – Enter either a calling or called NXX within the NPA.
- **V** – The valid entries are 0-21505. Enter the vertical coordinate of the NPA-NXX point that was generated by Northern Telecom from the data entered on the VH Worksheet.
- **H** – The valid entries are 0-21505. Enter the horizontal coordinate of the NPA-NXX point that was generated by Northern Telecom from the data entered on the VH Worksheet.

Associated Table

VH Worksheet

DIGITAL MULTIPLEX SYSTEM
TOPS
Vertical & Horizontal Coordinates Table Record
Table Name VH

PRACTICE 297-1001-454
SECTION 402
RELEASE 01.02

FORM CODE 2720A 78 70

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COMMAND	TABLE NAME
0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	V H

COMMAND	NPANXX		V	H	
	NPA	NXX			
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 1 1 1 1 1 3 4 5 6 7	1 2 2 2 2 2 9 0 1 2 3	

DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454 TOPS FORM CODE 27208
SECTION 402 Vertical & Horizontal Coordinates Table Record 7 8
RELEASE 01.02 Table Name VH 7 0

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COMMAND	NPANXX		V	H	
	NPA	NXX			
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 1 1 1 1 1 3 4 5 6 7	1 2 2 2 2 9 0 1 2 3	

J. Mileage Table Record – MILES (Form 2725A-B)

2.24 The table name is "MILES." It is used in domestic rating where V and H rating applies to the NPA. It associates a rate step for each mileage band of a rate schedule.

2.25 The valid entries for each field are listed below:

- **SCHRS** – This field consists of the following subfields:
  - — SCHNAME – Enter the 1-17 alphanumeric schedule name as shown on table SCHNUM.
  - — RATESTEP – The valid entries are 0-999. Enter the rate step assigned to the mileage band in the rate schedule.
- **UMB** – The valid entries are 0-9999. Enter the upper mileage band for the rate step of the rate schedule.

Associated Tables

SCHNUM CHARGE

PRACTICE 297-1001-454
SECTION 403
RELEASE 01.02

DIGITAL MULTIPLEX SYSTEM
TOPS
Mileage Table Record
Table Name MILES

FORM CODE 2725A
7 8
7 0

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COMMAND	TABLE NAME
0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	M I L E S

COMMAND	SCHRS SCHNAME	SCHRS RATESTEP	UMB	
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 2 3 4 5	2 2 2 3 7 8 9 0	

DIGITAL MULTIPLEX SYSTEM
TOPS
Mileage Table Record
Table Name MILES

PRACTICE 297-1001-454
SECTION 403
RELEASE 01.02

FORM CODE 27258
7 8
7 0

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

COMMAND	SCHRS SCHNAME	SCHRS RATESTEP	UMB	
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 2 3 4 5	2 2 2 3 7 8 9 0	

K. Originating Rate Centers Table Record – ORIGRC (Form 2726A-B)

2.26 The table name is "ORIGRC." The RATETYPE on tables CLGNPA/CLGNPAEX must be PTP. It is used to assign an originating rate center number to each originating NXX code in an NPA. More than one originating NXX code can be assigned to the same Originating Rate Center (ORC).

2.27 The valid entries for each field are listed below:

- **NPANXX** – This field consists of the following subfields:
  - — CLGNPA – Enter the NPA associated with the calling NXX code.
  - — CLGNXX – Enter the calling NXX code.
- **ORC** – The valid entries are 0-255. Enter an Originating Rate Center number for this NPA NXX. The range of entries cannot exceed parameter TOPS_MAX_ORIG_RATE_CENTER entered on table OFCENG.

Associated Tables

OFCENG CLDNPA CLDNPAEX HNPACONT

PRACTICE 297-1001-454
SECTION 428
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS Originating Rate Centers
Table Record (Point to Point Rating)
Table Name: ORIGRC

FORM CODE 2726A 78 70

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0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	O R I G R C	Table Name

COMMAND	NPANXX		ORC	
	CLGNPA	CLGNXX		
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 1 1 3 4 5	

PRACTICE 297-1001-454
SECTION 428
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS Originating Rate Centers
Table Record (Point to Point Rating)
Table Name: ORIGRC

FORM CODE 27268 7 8 7 0

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

COMMAND	NPANXX		ORC	
	CLGNPA	CLGNXX		
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 1 1 3 4 5	

L. Terminating Rate Centers Table Record – TERMRC (Form 2727A-B)

2.28 The table name is "TERMRC." It is used to assign a terminating rate center number to each terminating NXX code in an NPA. The RATETYPE on tables CLDNPA/CLDNPAEX must be PTP. More than one terminating NXX code can be assigned to the same Terminating Rate Center (TRC).

2.29 The valid entries for each field are listed below:

- **NPANXX** – This field consists of the following subfields:
  - — NPA – Enter the NPA associated with the called NXX code.
  - — NXX – Enter the called NXX code.
- **TRC** – The valid entries are 0-255. Enter a Terminating Rate Center number for this NPA NXX. The maximum number of TRCs allowable is determined by the parameter TOPS_MAX_TERM_RATE_CENTER established on the OFCENG table.

Associated Tables

OFCENG CLDNPA CLDNPAEX HNPACONT

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DIGITAL MULTIPLEX SYSTEM
TOPS Terminating Rate Centers
Table Record (Point to Point Rating)
Table Name: TERMRC

PRACTICE 297-1001-454
SECTION 428
RELEASE ABO1

FORM CODE 2727A 78 70

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	T E R M R C	Table Name

COMMAND	NPANXX		TRC	
	NPA	NXX		
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 1 1 3 4 5	

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DIGITAL MULTIPLEX SYSTEM
PRACTICE 297-1001-454 — TOPS Terminating Rate Centers — FORM CODE 27278
SECTION 428 — Table Record (Point to Point Rating) — 7 8
RELEASE AB01 — Table Name: TERMRC — 7 0

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

COMMAND	NPANXX		TRC	
	NPA	NXX		
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 1 1 3 4 5	

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M. Point-to-Point Table Record – PTP (Form 2728A-B)

2.30 The table name is "PTP." It establishes a point-to-point relationship between Originating and Terminating Rate Centers. Only Rate Schedule Names with TERMTYPE entries of "DOM" (domestic), as shown on the SCHED table, are rated on a PTP basis.

2.31 The valid entries for each field are listed below:

- **ORCTRC** – This field consists of the following subfields:
  - — ORC – Enter the number of the ORC assigned on the ORIGRC table for calls that have a TERMTYPE "DOM" on the SCHED table when completing to the NPA-NXX(s) assigned to the TRC number entered in the associated subfield TRC.
  - — TRC – Enter the number of the TRC associated with the ORC entered in the previous subfield. The TRC number was assigned on the TERMRC table.
- **SCHNAME** – Enter the Rate Schedule Name (from the SCHED table) for the domestic termination type of call as determined by the PTP relationship of ORC to TRC. Each PTP relationship can only be assigned to one SCHNAME. However, that SCHNAME can be assigned to more than one PTP relationship.
- **RATESTEP** – The valid entries are 0-999. Enter the rate step number associated with the SCHNAME and shown on the SCHED table. When the SCHNAME is associated with a range of rate steps (LRS-HRS), the rate step number to be entered here can be determined by referring to the MILES table UMB entry.

Associated Tables

SCHED OFCENG ORIGRC TERMRC MILES

PRACTICE 297-1001-454
SECTION 428
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS Point to Point Table Record
(Point to Point Rating)
Table Name: PTP

FORM CODE 2728A 78 70

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	P T P	Table Name

COMMAND	ORCTRC		SCHNAME	RATESTEP	
	ORC	TRC			
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	3 3 3 1 2 3	

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DIGITAL MULTIPLEX SYSTEM
TOPS Point to Point Table Record
(Point to Point Rating)
Table Name: PTP

PRACTICE 297-1001-454
SECTION 428
RELEASE ABO1

FORM CODE 27288
7 8
7 0

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

COMMAND	ORCTRC		SCHNAME	RATESTEP	
	ORC	TRC			
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	3 3 3 1 2 3	

N. Holiday Table Record – HOLDAY (Form 2760)

2.32 The table name is "HOLDAY." It lists the names and dates of the holidays that are to receive holiday treatment.

2.33 The valid entries for each field are listed below:

- **HOLNAME** – The valid entries are 1-10 alphanumeric characters assigned to this holiday.
- **MONTH** – The valid entry is a 3-character abbreviation representing the month in which the holiday is celebrated.
- **DAY** – The valid entry is 1-31, which represents the day of the month in which the holiday is celebrated.

Associated Table

HOLTRT

DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454
SECTION 404
RELEASE ABO1

TOPS
Holiday Table Record
Table Name HOLDAY

FORM CODE 2760
7 8
7 0

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0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	H O L D A Y

Table Name

COMMAND	HOLNAME	MONTH	DAY
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 5 6 7 8 9 0 1 2 3 4	1 1 1 6 7 8	2 2 0 1

O. Holiday Treatment Table Record – HOLTRT (Form 2761A-B)

2.34 The table name is "HOLTRT." It specifies the holiday treatment for holidays listed in table HOLDAY. Each holiday may receive a different treatment for each schedule.

2.35 A list of the fields and their valid entries follows:

- **HOLSCH** – This field consists of the following subfields:
  - — HOLNAME – Enter the 1-10 character name as shown on table HOLDAY.
  - — SCHNAME – Enter the schedule name(s) that are assigned HOLTRT of SAT, SUN, or SPL on table SCHED.
- **HOLTRT** – Enter SAT, SUN, or SPL. SAT or SUN means the holiday is treated as a Saturday or Sunday; that is, the Saturday or Sunday Rate Break Sets are used. SPL means Special. Use the treatment for the actual day on which the holiday falls.

Associated Tables

HOLDAY SCHED

PRACTICE 297-1001-454
SECTION 404
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Holiday Treatment Table Record
Table Name HOLTRT

FORM CODE 2761A 78 70

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2
T A B	H O L T R T

Table Name

COMMAND	HOLSCH		HOLTRT	
	HOLNAME	SCHNAME		
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 5 6 7 8 9 0 1 2 3 4	1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 3 3 2 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2	3 3 3 4 5 6	

PRACTICE 297-1001-454
SECTION 404
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Holiday Treatment Table Record
Table Name HOLTRT

FORM CODE 27618
7 8
7 O

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ORIGINATOR _____

DATE ISSUED ____ ____ ____

COMMAND	HOLSCH		HOLTRT	
	HOLNAME	SCHNAME		
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 1 5 6 7 8 9 0 1 1 2 3 4	1 1 1 1 2 2 2 2 2 2 2 2 2 3 3 3 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2	3 3 3 4 5 6	

P. Discounts Table Record – DCOUNT (Form 2735A-B)

2.36 The table name is "DCOUNT." It contains information that is used for discounting charges. Each rate schedule has its own set of discount parameters.

2.37 The valid entries for each field are listed below:

- **SCHNAME** – Enter the same 1-17 alphanumeric character schedule name that is specified in table SCHED.
- **OVERLAY** – This field consists of the subfield DISC. Enter one of the following discount types:
  - NODISC – Enter NODISC when discounts do not apply. No additional entries are made on this form.
  - QUOTED – Enter QUOTED when the appropriate CHARGE table should be used instead of making entries in the D1-D6 field on this form.
  - PCENT – Enter PCENT when discounts are to be shown as percentages in subfields D1-D6.
  - RATIO – Enter RATIO when discounts are to be shown as ratios in subfields D1-D6.
  - RPSB – Rate Period Specific Billing algorithm. If subfield DISC entry is QUOTED, PCENT, or RATIO enter Y to determine the discount rate per the rate period specific billing algorithm. The call will be billed per the the applicable discount rate. For example, if the call is originated during one rate period and carries over into another rate period, both discount rates are applied to their respective parts of the call. Enter N (the default value) if this algorithm should not be used.
  - DINP – Discount Initial Period. If subfield DISC entry is PCENT or RATIO, discounts can be applied to the initial period only or to both the initial and the overtime periods. Enter Y if the discount applies to both the initial and the overtime periods. Enter N if the discount only applies to the initial period.
  - D1-D6 – Discount percentage or ratio. If subfield DISC entry is PCENT, enter the percent discount depending on the date and time of day. The valid entries are 1-99. If subfield DISC entry is RATIO, enter the discount ratio to these subfields in ascending order depending on the date and time of day. The entry consists of a single digit numerator followed by a single digit denominator. For example, the entry 14 indicates a discount of ¼.

Associated Table

CHARGE

PRACTICE 297-1001-454
SECTION 406
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Discounts Table Record
Table Name: DCOUNT

FORM CODE 2735A
7 8
7 0

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

000 123	000000111 567890123	
TAB	DCOUNT	Table Name

COMMAND	SCHNAME	OVERLAY: DISC and Refinements												
		NODISC	Leave Blank											
		QUOTED	RPSB	Leave Blank										
		PCENT		DINP	D1	D2	D3	D4	D5	D6				
		RATIO			D1	D2	D3	D4	D5	D6				
000 123	000000111111111112222 567890123456789012345	2222222 2345678	30	32	33 34 35	33 37 38	44 40 41	44 43 44	44 46 47	45 49 50				

DIGITAL MULTIPLEX SYSTEM
TOPS
Discounts Table Record
Table Name: DCOUNT

PRACTICE 297-1001-454
SECTION 406
RELEASE ABO1

FORM CODE 27358 78 70

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COMMAND	SCHNAME	OVERLAY: DISC and Refinements											
		NODISC	Leave Blank										
		QUOTED	RPSB	Leave Blank									
		PCENT	DINP	D1	D2	D3	D4	D5	D6				
		RATIO		D1	D2	D3	D4	D5	D6				
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 2 2 2 2 3 4 5 6 7 8	3 0	3 2	3 4	3 5	3 7	3 8	4 0	4 1	4 3	4 4	4 6	4 7	4 9	5 0	

Q. Rate Break Set – RBKSET (Worksheet) (Form 2750W)

2.38 This worksheet is used by the telephone company to identify the unique rate break sets for each schedule. No distinction is made between coin and non-coin calls. This form is then used to enter data on tables RBKSET and RBKMAP.

2.39 The fields and their valid entries are listed below:

- **SCHNAME** – Enter the schedule name specified in table SCHNUM.
- **RBKTYPE** – Enter the rate break set type as follows:
  - SSUN – Station-to-Station Sunday
  - SSAT – Station-to-Station Saturday
  - SWKD – Station-to-Station Weekday
  - PSUN – Person-to-Person Sunday
  - PSAT – Person-to-Person Saturday
  - PWKD – Person-to-Person Weekday.
- **RBK1 to RBK8** – Enter the discount factor from table DCOUNT subfields D1-D6. If there is no discount for this rate break enter ND. With the possibility of eight rate breaks during a 24-hour period (midnight-to-midnight) for each rate break type, the telephone company has a very flexible range for discounting calls.
- **TIME1 to TIME8** – Enter the time at which the rate break ends. TIME1 denotes the first rate break after midnight. The time is in ascending order. The last rate break period for each RBKTYPE must end at 2400. For example, if the RBKTYPE has only three rate breaks, entries are required in subfields TIME1 through TIME3. The entry in the TIME3 subfield is 2400. The remaining subfields, TIME4 through TIME8, are entered with 0000.
- **RBKSET** – The valid entries are 1-63. Enter a number to identify each unique combination of field values. This number can be common to more than one rate break type.

Associated Tables

SCHNUM DCOUNT RBKSET RBKMAP

PRACTICE 297-1001-454
SECTION 405
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Rate Break Set WORKSHEET
(RBKWS)

FORM CODE 2750W 78 70

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SCHNAME	RBKTYPE	RBK 1	TIME1	RBK 2	TIME2	RBK 3	TIME3	RBK 4	TIME4	
		RBK 5	TIME5	RBK 6	TIME6	RBK 7	TIME7	RBK 8	TIME8	RBKSET
	SSUN									
	SSAT									
	SWKD									
	PSUN									
	PSAT									
	PWKD									
	SSUN									
	SSAT									
	SWKD									
	PSUN									
	PSAT									
	PWKD									

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R. Rate Break Set Table Record – RBKSET (Form 2750A-B)

2.40 The table name is "RBKSET." It lists all the unique rate break set numbers that were entered on the worksheet.

2.41 The valid entries for each field are listed below:

- **RBKSET** – Enter the unique ratebreak set number that was entered on the worksheet.
- **RBK1-RBK8** – Enter ND or D1-D6. Refer to the worksheet for the correct entry for this rate break set.
- **TIME1-TIME8** – Enter 0000-2400. Refer to the worksheet for the correct entry for this rate break set.

Associated Tables

RBKSET(Worksheet) SYSDAT

PRACTICE 297-1001-454
SECTION 405
RELEASE AB01

DIGITAL MULTIPLEX SYSTEM
TOPS
Rate Break Set Table Record
Table Name: RBKSET

FORM CODE 2750A
7 8
7 0

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0 0 0	0 0 0 0 0 1 1 1																	
1 2 3	5 6 7 8 9 0 1 2																	
T A B	R B K S E T			Table Name														
COMMAND	RBKSET	RBK 1	TIME1	RBK 2	TIME2	RBK 3	TIME3	RBK 4	TIME4	RBK 5	TIME5	RBK 6	TIME6	RBK 7	TIME7	RBK 8	TIME8	
0 0 0	0 0	0 0	1 1 1 1	1 1	1 2 2 2	2 2	2 2 2 3	3 3	3 3 3 3	4 4	4 4 4 4	4 4	5 5 5 5	5 5	5 5 6 6	6 6	6 6 6 6	
1 2 3	5 6	8 9	1 2 3 4	6 7	9 0 1 2	4 5	7 8 9 0	2 3	5 6 7 8	0 1	3 4 5 6	8 9	1 2 3 4	6 7	8 9 0 1	2 3	5 6 7 8	

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PRACTICE 297-1001-454
SECTION 405
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Rate Break Set Table Record
Table Name: RBKSET

FORM CODE 27508 78 70

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COMMAND	RBKSET	RBK 1	TIME1	RBK 2	TIME2	RBK 3	TIME3	RBK 4	TIME4	RBK 5	TIME5	RBK 6	TIME6	RBK 7	TIME7	RBK 8	TIME8	
0 0 0 3	0 0 5 6	0 0 8 9	1 1 1 1 1 1 2 3 4	1 1 6 7	1 2 2 2 2 1 9 0 1 2	2 2 2 4 5	2 2 2 3 2 7 8 9 0	3 3 2 3	3 3 3 3 3 5 6 7 8	4 4 0 1	4 4 4 4 4 4 3 4 5 6	4 4 4 8 9	5 5 5 5 5 1 2 3 4	5 5 5 6 7	5 5 6 6 1 5 8 9 0	6 6 2 3	6 6 6 6 6 5 6 7 8	

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S. Rate Break Map Table Record – RBKMAP (Form 2751A-B)

2.42 The table name is "RBKMAP." The rate break sets associated with each rate schedule are entered on this form. The valid entries for each field are copied from the worksheet and are not listed here.

Associated Tables

RBKSET(Worksheet) RBKSET SYSDATA

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DIGITAL MULTIPLEX SYSTEM
TOPS
Rate Break Map Table Record
Table Name: RBKMAP

PRACTICE 297-1001-454
SECTION 0405
RELEASE ABO1

FORM CODE 2751A 78 70

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2
T A B	R B K M A P Table Name

COMMAND	SCHNAME	SSUN	SSAT	SWKD	PSUN	PSAT	PWKD	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 3 4	2 2 6 7	2 3 9 0	3 3 2 3	3 3 5 6	3 3 8 9	

DIGITAL MULTIPLEX SYSTEM
TOPS
Rate Break Map Table Record
Table Name: RBKMAP

PRACTICE 297-1001-454
SECTION 0405
RELEASE ABO1

FORM CODE 27518 78 70

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COMMAND	SCHNAME	SSUN	SSAT	SWKD	PSUN	PSAT	PWKD	
001 2 3	00 05 6 7 8 9 01 1 2 3 4 5 6 7 8 9 02 0 21	22 3 4	22 6 7	23 0 9	33 2 3	33 5 6	33 8 9	

T. Charge Table Record – CHARGE (Form 2740A-B)

2.43 The table name is "CHARGE." It lists the charge tables (CHGTAB) associated with a rate schedule (SCHNAME) and a rate step (RATESTEP). The SCHNAME and the LRS/HRS field entries on the SCHED table are the combined key into this table.

2.44 The rates applicable to all Classes of Service are governed by the rate period in which the initial or overtime period begins. The charges in the IC and OVTC fields represent the non-discounted charges. Incremental charges are **not** discounted.

2.45 The valid entries for each field are listed below:

- **SCHNAME** – Enter the rate schedule name (SCHNAME) from the SCHED table.
- **CHGTAB** – The allowable entries are listed below:

  a. If the Schedule Type is STD (Standard) and

     1. If Type of Call is Station-to-Station, enter

        STA if the Discount Type is PERCENT, RATIO, or NODISC

        STAND if the Discount Type is QUOTED – No Discount

        STAD1 if the Discount Type is QUOTED – Discount 1

        STAD2 if the Discount Type is QUOTED – Discount 2

     2. If the Type of Call is Person-to-Person, enter

        PER if the Discount Type is PERCENT, RATIO, or NODISC

        PERND if the Discount Type is QUOTED – No Discount

        PERD1 if the Discount Type is QUOTED – Discount 1

        PERD2 if the Discount Type is QUOTED – Discount 2

  b. If the Schedule Type is CCT and

     1. If the Type Of Call is Station-to-Station, enter

        STADD if the Call Type is Direct Dial and the Discount Type is PERCENT, RATIO, or QUOTED

        STAOA if the Call Type is Operator Assisted and the Discount Type is PERCENT, RATIO, or QUOTED

        STAOH if the Call Type is Operator Handled and the Discount Type is PERCENT, RATIO, or QUOTED

        STADDND if the Call Type is Direct Dialed and the Discount Type is QUOTED – No Discount

        STAOAND if the Call Type is Operator Assisted and the Discount Type is QUOTED – No Discount

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STAOHND if the Call Type is Operator Handled and the Discount Type is QUOTED – No Discount

STADDD1 if the Call Type is Direct Dialed and the Discount Type is QUOTED – Discount 1

STAOAD1 if the Call Type is Operator Assisted and the Discount is QUOTED – Discount 1

STAOHD1 if the Call Type is Operator Handled and the Discount Type is QUOTED – Discount 1

STADDD2 if the Call Type is Direct Dialed and the Discount Type is QUOTED – Discount 2

STAOAD2 if the Call Type is Operator Assisted and the Discount Type is QUOTED – Discount 2

STAOHD2 if the Call Type is Operator Handled and the Discount Type is QUOTED – Discount 2

2. If the Type of Call is Person-to-Person, enter

PEROA if the Call Type is Operator Assisted and the Discount Type is PERCENT, RATIO, or NODISC

PEROH if the Call Type is Operator Handled and the Discount Type is PERCENT, RATIO, or NODISC

PEROAND if the Call Type is Operator Assisted and the Discount Type is QUOTED – No Discount

PEROHND if the Call Type is Operator Handled and the Discount Type is QUOTED – No Discount

PEROAD1 if the Call Type is Operator Assisted and the Discount Type is QUOTED – Discount 1

PEROHD1 if the Call Type is Operator Handled and the Discount Type is QUOTED – Discount 1

PEROAD2 if the Call Type is Operator Assisted and the Discount Type is QUOTED – Discount 2

PEROHD2 if the Call Type is Operator Handled and the Discount Type is QUOTED – Discount 2

c. If the Schedule Type is SCT (Station Class Tier) and

1. If the Type of Call is Station-to-Station, enter

STACN if the Station Class is Coin and the Discount Type is PERCENT, RATIO, or NODISC

STANC if the Station Class is Non-coin and the Discount Type is PERCENT, RATIO, or NODISC

STACNND if the Station Class is Coin and the Discount Type is QUOTED – No Discount

SATNCND if the Station Class is Non-coin and the Discount Type is QUOTED – No Discount

STACND1 if the Station Class is Coin and the Discount Type is QUOTED – Discount 1

STANCD1 if the Station Class is Non-coin and the Discount Type is QUOTED – Discount 1

SATCND2 if the Station Class is Coin and the Discount Type is QUOTED – Discount 2

STANCD2 if the Station Class is Non-coin and the Discount Type is QUOTED – Discount 2

2. If the Type of Call is Person-to-Person, enter

PERCN if the Station Class is Coin and the Discount Type is PERCENT, RATIO, or NODISC

PERNC if the Station Class is Non-coin and the Discount Type is PERCENT, RATIO, or NODISC

PERCNND if the Station Class is Coin and the Discount Type is QUOTED – No Discount

PERNCND if the Station Class is Non-coin and the Discount Type is QUOTED – No Discount

PERCND1 if the Station Class is Coin and the Discount Type is QUOTED – Discount 1

PERNCD1 if the Station Class is Non-coin and the Discount Type is QUOTED – Discount 1

PERCND2 if the Station Class is Coin and the Discount Type is QUOTED – Discount 2

PERNCD2 if the Station Class is Non-coin and the Discount Type is QUOTED – Discount 2

d. If the Schedule Type is MLT (Multitier) and

1. If the Type of Call is Station-to-Station, enter

STADDCN if the Call Type is Direct Dialed and the Station Class is Coin

STADDNC if the Call Type is Direct Dialed and the Station Class is Non-coin

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STAOACN if the Call Type is Operator Assisted and the Station Class is Coin

SATOANC if the Call Type is Operator Assisted and the Station Class is Non-coin

STAOHCN if the Call Type is Operator Handled and the Station Class is Coin

STAOHNC if the Call Type is Operator Handled and the Station Class is Non-coin

2. If the Type of Call is Person-to-Person, enter

PEROACN if the Call Type is Operator Assisted and the Station Class is Coin

PEROANC if the Call Type is Operator Assisted and the Station Class is Non-coin

PEROHCN if the Call Type is Operator Handled and the Station Class is Coin

PEROHNC if the Call Type is Operator Handled and the Station Class is Non-coin

The SCHTYPE field "SCT" entry on the SCHED table combined with the DISC field "PCENT or NODISC" entry on the DCOUNT table will determine the valid entry here (STACN, STANC, PERCN).

- **RATESTEP** – The allowable entries are 0-999. Enter the rate step or range of rate steps (LRS-HRS) associated with each SCHNAME entry on the SCHED table.
- **CLCHG** – The allowable entries are 0-4095 cents. Enter the Incremental Charge listed in the tariff.
- **INP** – The allowable entries are 0-15 minutes. Enter the number of minutes allowed for the initial period. This is spelled out in the tariff. For non-toll originating calls that require the assistance of an operator, see the tariff.
- **IC** – The allowable entries are 0-4095 cents. The charge for the initial period is listed in the tariff and is determined by the relationship of the airline miles to an UMB (upper mileage band) entry on the MILES table for a particular SCHNAME and RATESTEP. For non-toll originating calls that require the assistance of an operator, non-coin and coin calls, see the tariff.
- **OVTI** – The allowable entries are 0-15 minutes. Enter in minutes the interval allowed for an overtime period. For non-toll originating calls that require operator assistance, see the tariff.
- **OVTC** – The allowable entries are 0-4095 cents. For non-toll originating calls that require operator assistance, see the tariff.

Associated Tables

SCHED TARIFF

PRACTICE 297-1001-454
SECTION 407
RELEASE AB01

DIGITAL MULTIPLEX SYSTEM
TOPS
Charge Table Record
Table Name CHARGE

FORM CODE 2740A
7 8
7 0

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0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	C H A R G E

Table Name

COMMAND	CHGKEY			CLCHG	INP	IC	OVTI	OVTC	
	SCHNAME	CHGTAB	RATESTEP						
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 2 3 4 5	2 2 2 6 7 8 9	3 3 3 1 2 3	3 3 3 3 5 6 7 8	4 4 0 1	4 4 4 4 3 4 5 6	4 4 4 8 9	5 5 5 5 1 2 3 4	

PRACTICE 297-1001-454
SECTION 407
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Charge Table Record
Table Name CHARGE

FORM CODE 27408 (7 8 / 7 0)

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DATE ISSUED ___ ___ ___

COMMAND	CHGKEY			CLCHG	INP	IC	OVTI	OVTC	
	SCHNAME	CHGTAB	RATESTEP						
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 2 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 2 2 2 2 2 2 2 3 4 5 6 7 8 9	3 3 3 3 1 2 3	3 3 3 3 3 5 6 7 8	4 4 0 1	4 4 4 4 4 4 3 4 5 6	4 4 8 9	5 5 5 5 1 2 3 4	

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U. Schedule Charge Mapping Table Record – CHGMAP (Form 2745A-B)

2.46 The table name is "CHGMAP." It is used to map all the charge tables associated with a rate schedule that share the same charge data.

2.47 The valid entries for each field are listed below:

- **SCHTBL** – This field consists of the following subfields:
  - — SCHNAME – Enter the name of the rate schedule.
  - — CHGTAB – Enter the name of the charge table that has charges identical to those listed in table CHARGE. List all the charge tables belonging to the schedule type (STD, CCT, SCT, or MLT) of the rate schedule that have not been listed in table CHARGE.
- **MAPTAB** – Enter a charge table name for which charges have been defined in table CHARGE and are identical to the charges for the table name in the CHGTAB subfield.

Associated Tables

CHARGE SCHED

PRACTICE 297-1001-454
SECTION 407
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Schedule - Charge Table Mapping Record
Table Name CHGMAP

FORM CODE 2745A 78 70

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0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	C H G M A P

Table Name

COMMAND	SCHTBL		MAPTAB	
	SCHNAME	CHGTAB		

0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 2 3 4 5	2 2 6 7	2 2 8 9	3 3 3 1 2 3	3 3 4 5	3 3 6 7	

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DIGITAL MULTIPLEX SYSTEM
TOPS
Schedule - Charge Table Mapping Record
Table Name CHGMAP

PRACTICE 297-1001-454
SECTION 407
RELEASE AB01

FORM CODE 27458
7 8
7 0

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COMMAND	SCHTBL		MAPTAB	
	SCHNAME	CHGTAB		
01 02 03	05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21	23 24 25	26 27	28 29	31 32 33	34 35	36 37	

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V. Surcharge Table Record – SUR (Form 2770A-B)

2.48 The table name is "SUR." It is used to list the applicable surcharges for any call in each schedule. These surcharges are added to the base charge (combined initial and overtime charges) before tax and rounding factors are applied. The company tariff contains the information necessary for determining the entries in this table.

2.49 The valid entries for each field are listed below:

- **SCHNAME** – Enter the schedule name.
- **SCOL** – Surcharge on Station Collect calls. The valid entries are 0-255¢.
- **STHR** – Surcharge on Station Calls Billed to a Third Number. The valid entries are 0-255¢.
- **STC** – Surcharge on Station Time and Charge calls. The valid entries are 0-255¢.
- **SCC** – Surcharge on Station Calls Billed to a Credit Card. The valid entries are 0-255¢.
- **PCOL** – Surcharge on Person Collect calls. The valid entries are 0-255¢.
- **PTHR** – Surcharge on Person Calls Billed to a Third Number. The valid entries are 0-255¢.
- **PTC** – Surcharge on Person Time and Charge calls. The valid entries are 0-255¢.
- **PCC** – Surcharge on Person Calls Billed to a Credit Card. The valid entries are 0-255¢.

Associated Table

SCHED

PRACTICE 297-1001-454
SECTION 408
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Surcharge Table Record
Table Name SUR

FORM CODE 2770A 78 70

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DATE ISSUED ___ ___ ___

000 123	000000111 567890123	
TAB	SUR	Table Name

COMMAND	SCHNAME	SCOL	STHR	STC	SCC	PCOL	PTHR	PTC	PCC	
000 123	000000111111111111222 567890123456789012345	222 345	222 789	333 123	333 567	344 901	444 345	444 789	555 123	

PRACTICE 297-1001-454
SECTION 408
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Surcharge Table Record
Table Name SUR

FORM CODE 27708

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DATE ISSUED ____ ____ ____

COMMAND	SCHNAME	SCOL	STHR	STC	SCC	PCOL	PTHR	PTC	PCC	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 2 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 2 3 4 5	2 2 2 7 8 9	3 3 3 1 2 3	3 3 3 5 6 7	3 4 4 9 0 1	4 4 4 3 4 5	4 4 4 7 8 9	5 5 5 1 2 3	

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W. Schedule Taxes Mapping Table Record – TAXMAP (Form 2781A-B)

2.50 The table name is "TAXMAP." It is used to specify which of the three taxes are applicable to any schedule within a tariff. The three taxes are Federal, State, and Municipal. They are designated as TAX1, TAX2, and TAX3, respectively. Within a tariff, different schedules can have different applicable taxes.

2.51 The valid entries for each field are listed below:

- **TRFSCH** – This field consists of the following subfields:
  - — TARIFF – Enter the calling tariff name.
  - — SCHNAME – Enter the name of the rate schedule.
- **TAX1** – Enter Y if this tax is applicable to this rate schedule and tariff. Otherwise, enter N.
- **TAX2** – Enter Y if this tax is applicable to this rate schedule and tariff. Otherwise, enter N.
- **TAX3** – Enter Y if this tax is applicable to this rate schedule and tariff. Otherwise, enter N.

Associated Tables

TARIFF SCHNUM TAXES

DIGITAL MULTIPLEX SYSTEM
TOPS
Schedule-Taxes Mapping Table Record
Table Name: TAXMAP

PRACTICE 297-1001-454
SECTION 409
RELEASE ABO1

FORM CODE 2781A 78 70

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0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	T A X M A P	Table Name

COMMAND	TRFSCH		TAX1	TAX2	TAX3	
	TARIFF	SCHNAME				
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	41	43	45	

DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454
SECTION 409
RELEASE ABO1

TOPS
Schedule-Taxes Mapping Table Record
Table Name: TAXMAP

FORM CODE 27818
7 8
7 0

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COMMAND	TRFSCH					
	TARIFF	SCHNAME	TAX1	TAX2	TAX3	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 : 6 7 8 9 0 1 2 3 4 5 6 7 8 9	4 1	4 3	4 5	

X. Taxes Table Record – TAXES (Form 2780A-B)

2.52 The table name is "TAXES." It is used to specify the tax rate and the method of combining the taxes for each tariff. The taxes may be applied individually to the charge and added to the charge or they may be compounded. Using the compounding method, the charge is multiplied by the TAX1 rate, the result is added to the charge and the total is multiplied by the TAX2 rate, etc. Tax rates are entered in the RATE_ fields as two digits. The entry 45 indicates 4.5%. The entry 60 indicates 6.0%.

2.53 The valid entries for each field are listed below:

- **TARIFF** – Enter the calling tariff name.
- **RATE1** – The valid entries are 0-817.
- **COMP2** – Enter Y if TAX2 is applied to accumulated charges (compounding). Enter N if TAX2 is applied to the original charge only.
- **RATE2** – The valid entries are 0-817.
- **COMP3** – Enter Y if TAX3 is applied to accumulated charges (compounding). Enter N if TAX3 is applied to the original charge only.
- **RATE3** – The valid entries are 0-817.

Associated Tables

TARIFF TAXMAP

DIGITAL MULTIPLEX SYSTEM
PRACTICE 297-1001-454 TOPS FORM CODE 2780A 7 8
SECTION 409 Taxes Table Record 7 0
RELEASE AC01 Table Name: TAXES

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0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 2 5 6 7 8 9 0 1 2
T A B	T A X E S Table Name

COMMAND	TARIFF	RATE 1	COMP 2	RATE 2	COMP 3	RATE 3	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 2 3 4 5	2 7	2 3 3 9 0 1	3 3	3 3 3 5 6 7	

DIGITAL MULTIPLEX SYSTEM
TOPS
Taxes Table Record
Table Name: TAXES

PRACTICE 297-1001-454
SECTION 409
RELEASE ACO1

FORM CODE 27808 78 70

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COMMAND	TARIFF	RATE 1	COMP 2	RATE 2	COMP 3	RATE 3	
001 002 003	005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021	023 024 025	027	029 030 031	033	035 036 037	

Y. Charge Rounding Table Record – ROUND (Form 2790)

2.54 The table name is "ROUND." It specifies how to round-out charges for a particular tariff. Rounding may be applied before or after taxes have been added. Rounding factors are entered according to the parameters shown in the following table.

TYPE OF ROUNDING	REQUIRED ROUNDING	ROUNDING FACTOR	DATA ENTRY
Cent	If rounding down is required for any fraction	0	0
	If rounding up is required for 0.3 cent and over	0.7	7
	If rounding up is required for 0.1 cent and over	0.9	9
Nickel	If rounding down is required for any fraction	0	0
	If rounding up is required for 2.1 cents and over	2.9	29
	If rounding up is required for 0.1 cent and over	4.9	49

2.55 The valid entries for each field are listed below:

- **TARIFF** – Enter the calling tariff name.
- **DR** – Before Tax Cent Rounding Factor. The valid entries are 0-9. See table.
- **CDR** – Coin Call Before Tax Nickel Rounding Required. The valid entries are Y or N. Enter Y if rounding (to nickel) is to be applied to pretax charges for coin calls. Otherwise, enter N.
- **CDR5** – Coin Call Nickel Rounding Factor Before Taxes. The valid entries are 0-49. If CDR is Y, enter the Rounding Factor (see table). Otherwise, enter 0.
- **TR1** – TAX1 Cent Rounding Factor. The valid entries are 0-9. Enter the Rounding Factor (to cent) for TAX1. See table.

- **CTR1** – Coin Call TAX1 Nickel Rounding Required. The valid entries are Y or N. Enter Y if rounding (to nickel) is to be applied to TAX1 for coin calls. Otherwise, enter N.
- **CT5R1** – Coin Call TAX1 Nickel Rounding Factor. The valid entries are 0-49. If CTR1 is Y, enter the Rounding Factor (see table). Otherwise, enter 0.
- **TR2** – TAX2 Cent Rounding Factor. The valid entries are 0-9. Enter the Rounding Factor (to cent) for TAX2. See table.
- **CTR2** – Coin Call TAX2 Nickel Rounding Required. The valid entries are Y or N. Enter Y if rounding (to nickel) is to be applied to TAX2 for coin calls. Otherwise, enter N.
- **CT5R2** – Coin Call TAX2 Nickel Rounding Factor. The valid entries are 0-49. If CTR2 is Y, enter the Rounding Factor (see table). Otherwise, enter 0.
- **TR3** – TAX3 Cent Rounding Factor. The valid entries are 0-9. Enter the Rounding Factor (to cent) for TAX3. See table.
- **CTR3** – Coin Call TAX3 Nickel Rounding Required. The valid entries are Y or N. Enter Y if rounding (to nickel) is to be applied to TAX3 for coin calls. Otherwise, enter N.
- **CT5R3** – Coin Call TAX3 Nickel Rounding Factor. The valid entries are 0-49. If CTR3 is Y, enter the Rounding Factor (see table). Otherwise, enter 0.
- **CCR** – Coin Call Total Charges Nickel Rounding Required. The valid entries are Y or N. Enter Y if rounding (to nickel) is to be applied to total charges for coin calls. Otherwise, enter N.
- **CCR5** – Coin Call Total Charges Nickel Rounding Factor. The valid entries are 0-49. If CCR is Y, enter the Rounding Factor (see table). Otherwise, enter N.

Associated Table

TARIFF

DIGITAL MULTIPLEX SYSTEM
TOPS
Charge Rounding Table Record
Table Name: ROUND

PRACTICE 297-1001-454
SECTION 409
RELEASE AC01

FORM CODE 2790 78 70

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000	000000111
123	567890123
TAB	ROUND

Table Name

COMMAND	TARIFF	DR	CDR	CDR5	TR1	CTR1	CT5R1	TR2	CTR2	CT5R2	TR3	CTR3	CT5R3	CCR	CCR5	
000	000000111111111112221	23	25	27 28	30	32	34 35	37	39	41 42	44	46	48 49	51	53 54	

Z. Overseas Number to Country Name Mapping Table Record – COUNTRY (Form 2716A-B)

2.56 The table name is "COUNTRY." It associates a 16-character country name with its overseas number consisting of the overseas country code and if required, a national number. Up to 256 country names may be listed on this table.

2.57 The valid entries for each field are listed below:

- **COUNTRY** – Enter the country name.
- **OVSNUM** – Enter the overseas country code number and if required, the national number.

Associated Table

STDPRTCT

PRACTICE 297-1001-454
SECTION 411
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Overseas Number to Country Name
Mapping Table Record
Table Name: COUNTRY

FORM CODE 2716A
7 8
7 0

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0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	C O U N T R Y

Table Name

C O M M A N D	COUNTRY	OVSNUM	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 2 2 2 2 2 2 3 4 5 6 7	

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

DIGITAL MULTIPLEX SYSTEM
TOPS
Overseas Number to Country Name
Mapping Table Record
Table Name: COUNTRY

PRACTICE 297-1001-454
SECTION 411
RELEASE ABO1

FORM CODE 2716B 7 8 7 0

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COMMAND	COUNTRY	OVSNUM	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 2 2 2 2 2 2 3 4 5 6 7	

AA. Overseas Rate Step Table Record – OVSRS (Form 2718A-B)

2.58 The table name is "OVSRS." It lists the applicable Rate Schedule name and Rate Step value required to index into table SCHED for each combination of tariff and country.

2.59 The valid entries for each field are listed below:

- **TRFCTY** – This field consists of the following two subfields:
  - — TARIFF – Enter the tariff associated with the calling NPA and NXX.
  - — COUNTRY – Enter the called country name.
- **SCHNAME** – Enter the name of the overseas schedule assigned to this combination of calling tariff and called country.
- **RATESTEP** – The valid entries are 0-999. Enter the rate step value associated with this combination of calling tariff and called country.

Associated Tables

TARIFF COUNTRY

PRACTICE 297-1001-454
SECTION 411
RELEASE AB01

DIGITAL MULTIPLEX SYSTEM
TOPS
Overseas Rate Step Table Record
Table Name: OVSRS

FORM CODE 2718A
7 8
7 0

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ORIGINATOR _____

DATE ISSUED ____ ____ ____

0 0 0	0 0 0 0 0 1 1 1
1 2 3	5 6 7 8 9 0 1 2
T A B	O V S R S

Table Name

COMMAND	TRFCTY		SCHNAME	RATESTEP	
	TARIFF	COUNTRY			
0 0 0	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 2	2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3	4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5	5 5 6	
1 2 3	5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1	3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6	8 9 0	

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DIGITAL MULTIPLEX SYSTEM
TOPS
Overseas Rate Step Table Record
Table Name: OVSRS

PRACTICE 297-1001-454
SECTION 411
RELEASE AB01

FORM CODE 2718B
7 8
7 0

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COMMAND	TRFCTY		SCHNAME	RATESTEP	
	TARIFF	COUNTRY			
01 02 03	05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21	23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	58 59 60	

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See proprietary restrictions on title page.

2-83

AB. Time Zone Variation Table Record – TMZONE (Form 2765A-B)

2.60 The table name is "TMZONE." It lists, in minutes, the difference between the local time of the calling NPANXX and the local time of the serving TOPS office. The default is 0 minutes.

2.61 The valid entries for each field are listed below:

- **NPANXX** – This is the key into this table. It consists of the following two subfields:
  - — CLGNPA – Enter the 3-digit NPA code.
  - — CLGNXX – Enter the 3-digit originating NXX code.
- **SENSE** – Sense of Time Zone Variation. The valid entries are A or B. Enter A if the local time of the originating NPANXX is ahead of the TOPS local time. Enter B if the local time of the originating NPANXX is behind the TOPS local time.
- **MINUTES** – Time Zone Variation in Minutes. The valid entries are 0-300 in increments of 30 minutes. Enter the variation in minutes between the local time of the originating NPANXX and the local time of the serving TOPS office.

Associated Table

CLGTRF

DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454 — TOPS — FORM CODE 2765A
SECTION 412 — Time Zone Variation Table Record — 7 8
RELEASE ABO1 — Table Name: TMZONE — 7 0

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 5 6 7 8 9	0 1 1 0 1 2	
T A B	T M Z O N E		Table Name

COMMAND	NPANXX		SENSE	MINUTES	
	CLGNPA	CLGNXX			
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 3	1 1 1 5 6 7	

DIGITAL MULTIPLEX SYSTEM
TOPS
Time Zone Variation Table Record
Table Name: TMZONE

PRACTICE 297-1001-454
SECTION 412
RELEASE ABO1

FORM CODE 27658
7 8
7 0

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

COMMAND	NPANXX		SENSE	MINUTES	
	CLGNPA	CLGNXX			
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 3	1 1 1 5 6 7	

AC. Minimum Charge Table Record – MINCHG (Form 2775)

2.62 The table name is "MINCHG." It allows the telephone company to specify minimum charges (in cents) on a per schedule basis. If the computed charge is less than the minimum charge, the minimum charge is applied to the call. The charges are compared before taxes, surcharges, and coin nickel rounding. The default value for all fields is 0.

2.63 The valid entries for each field are listed below:

- **SCHNAME** – Enter the schedule name.
- **SMIN** – Station Non-Coin Minimum Charge. The valid entries are 0-4096. Enter the minimum charge (in cents) for all station calls except coin station paid calls (i.e., hotel, NC, and all other coin calls).
- **SMINCN** – Station Coin Minimum Charge. The valid entries are 0-4096. Enter the minimum charge (in cents) for coin station paid calls.
- **PMIN** – Person Non-Coin Minimum Charge. The valid entries are 0-4096. Enter the minimum charge (in cents) for all person-to-person calls except coin person-to-person paid calls.
- **PMINCN** – Person Coin Minimum Charge. The valid entries are 0-4096. Enter the minimum charge (in cents) for coin person-to-person calls.

Associated Table

SCHED

DIGITAL MULTIPLEX SYSTEM
PRACTICE 297-1001-454 TOPS FORM CODE 2775 7 8 7 0
SECTION 415 Minimum Charge Table Record
RELEASE 01.02 Table Name MINCHG

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

COMMAND	TABLE NAME
0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	M I N C H G

COMMAND	SCHNAME	SMIN	SMINCN	PMIN	PMINCN	
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	2 2 2 2 3 4 5 6	2 2 3 3 8 9 0 1	3 3 3 3 3 4 5 6	3 3 4 4 8 9 0 1	

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AD. TOPS City Number Table Record – CITYNUM (Form 2731)

2.64 The table name is "CITYNUM." It is used to assign a number to a city name. The number can be randomly chosen. However, no two city names can be assigned to the same number and no city can be assigned to more than one number.

2.65 The valid entries for each field are listed below:

- **VALUE** – The valid entries are 1-15. Enter a number that will be unique to the city name.
- **SYMBOL** – The valid entry is an alphanumeric city name with a maximum of eight characters.

Associated Tables

CITYMAP CITYZONE

DIGITAL MULTIPLEX SYSTEM
TOPS
City Number Table Record
Table Name: CITYNUM

PRACTICE 297-1001-454
SECTION 416
RELEASE ABO1

FORM CODE 2731 78 70

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2
T A B	C I T Y N U M

Table Name

COMMAND	VALUE	SYMBOL
0 0 0 1 2 3	0 0 5 6	0 0 1 1 1 1 1 1 8 9 0 1 2 3 4 5

AE. TOPS City Map Table Record – CITYMAP (Form 2732A-B)

2.66 The table name is "CITYMAP." It used to identify the city where zone rating is applied.

2.67 The valid entries for each field are listed below:

- **NPANXX** – This field consists of the following subfields:
  - — NPA – The valid entries are 200-919. Enter the called NPA shown on table CLDNPA.
  - — NXX – The valid entries are 200-999. Enter the called NXX associated with the NPA.
- **CITY** – Enter the name of the city in this NPANXX where zone rating is applied.

Associated Tables

CLDNPA CITYNUM

PRACTICE 297-1001-454
SECTION 416
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
City Map Table Record
Table Name: CITYMAP

FORM CODE 2732A
7 8
7 0

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	C I T Y M A P	Table Name

COMMAND	NPANXX		CITY	
	NPA	NXX		
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 1 1 1 1 1 1 1 2 3 4 5 6 7 8 9 0	

DIGITAL MULTIPLEX SYSTEM
TOPS
City Map Table Record
Table Name: CITYMAP

PRACTICE 297-1001-454
SECTION 416
RELEASE ABO1

FORM CODE 27328
7 8
7 O

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

COMMAND	NPANXX		CITY	
	NPA	NXX		
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 9 0 1	1 1 1 1 1 1 1 2 3 4 5 6 7 8 9 0	

AF. TOPS City Zone Table Record – CITYZONE (Form 2733A-B)

2.68 The table name is "CITYZONE." It is used to designate the value of the rate distance required in deciding whether a new set of V and H coordinates are needed for the called party. If the mileage is less than or equal to the rate distance, the rate step corresponding to that mileage is used. If the mileage is greater than the rate distance, a new set of V and H coordinates are needed.

2.69 The valid entries for each field are listed below:

- **CITYZN** – Enter the name of the city where zone rating is to be applied. The name must appear on table CITYMAP.
- **RATEDIST** – The valid entries are 1-9999. Enter the distance required to determine whether a new set of V and H coordinates are needed to establish the type of rating to be used.
- **V** – The valid entries are 0-21505. Enter the vertical coordinate used in rating.
- **H** – The valid entries are 0-21505. Enter the horizontal coordinate used in rating.

Associated Tables

CITYMAP VH

PRACTICE 297-1001-454
SECTION 416
RELEASE A801

DIGITAL MULTIPLEX SYSTEM
TOPS
City Zone Table Record
Table Name: CITYZONE

FORM CODE 2733A 78 70

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2				
T A B	C I T Y Z O N E	Table Name			
COMMAND	CITYZN	RATEDIST	V	H	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2	1 1 1 1 4 5 6 7	1 2 2 2 2 2 9 0 1 2 3	2 2 2 2 2 2 5 6 7 8 9	

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PRACTICE 297-1001-454
SECTION 416
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
City Zone Table Record
Table Name: CITYZONE

FORM CODE 27338
7 8
7 0

OFFICE _____ PAGE ___ OF ___

ORIGINATOR _____ DATE ISSUED ___ ___ ___

COMMAND	CITYZN	RATEDIST	V	H	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 1 1 2	1 1 1 1 4 5 6 7	1 2 2 2 2 2 9 0 1 2 3	2 2 2 2 2 5 6 7 8 9	

AG. TOPS Entry Code Table Record – TOPSENTC (Form 2816)

2.70 The table name is "TOPSENTC." This table is required in TOPS offices not having the BELLCORE format.

2.71 The valid entries for each field are listed below:

- **CHGCLASS** – Enter one of the following charge classes:

  TOPS CAM0 TWX0 WAT0 DAT0 CSD0 SPCL LAM0 RCFW NONE

- **ECANDCHG** – Entry Code and Charge. This field consists of the following subfields:
  - — ENTCODE – The valid entries are 0-99. Enter the entry code assigned to the charge class.
  - — APPLYCHG – Enter Y if a charge is to be applied to the call. Otherwise, enter N.

Associated Table

TOPSBC (NTP 297-2271-451 Section 435)

DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454
SECTION 436
RELEASE ABO1

TOPS
Entry Code ole Record
Table Name TOPSENTC

FORM CODE 2816 78 70

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 5 6 7 8	0 1 1 1 9 0 1 2	
T A B	T O P S	E N T C	Table Name

COMMAND	CHG CLASS	ECANDCHG ENTCODE	ECANDCHG APPLYCHG
0 0 0 1 2 3	0 0 0 0 5 6 7 8	1 1 0 1	1 3

AH. Directory Assistance Billing Table Record – DABILL (Form 2839A-B)

2.72 The table name is DABILL. This table, in conjunction with table DATRKOPT, specifies call types that are billable based on the prevailing tariffs. This table also specifies the following:

- The calling number required for billing information
- The requested number required for billing information
- The DA indication made in the AMA record
- The surcharge, if any, applied for call completion
- The call completion based on call type/service class.

2.73 The valid entries for each field are as follows:

- **DABKEY** – This field consists of the following three subfields:
  - — COTYPE – The valid entry is the alphanumeric DA call origination type as listed in table TOPS.
  - — SRVCLS – Enter one of the following call service classes:
    a. STATION
    b. HOTEL
    c. COIN
    d. RESTRICT
    e. UNSPEC
  - — RBILNUM – If the entry in subfield SRVCLS is COIN or RESTRICT, enter a valid restricted billing class number as defined in table SPLDNID. For all other entries in subfield SRVCLS, leave this subfield blank.
- **REQNUM** – The valid entries are Y or N. Enter Y if a requested number is required. Otherwise, enter N.
- **CLGREQ** – The valid entries are Y or N. Enter Y if the calling number of the call type and service class specified in field SERVNAME is required. Otherwise, enter N.
- **SERVNAME** – Enter the alphanumeric customer-defined name for service rating listed in tables SERVNAME and SRVRS.
- **ENHAMA** – The valid entries are Y or N. Enter Y to enable the Enhanced AMA feature. Otherwise, enter N.
- **CCSSURGHG** – The valid entries are Y or N. Enter Y to indicate that a surcharge should be applied for completion of DA and Intercept calls, and indicated in AMA. Otherwise, enter N.

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- **DACC** – The valid entries are as follows:
  - — OH – Indicates that only operator-handled call completion is provided.
  - — AUTO – Indicates that only automatic call completion is provided
  - — ALL – Indicates that both OH and AUTO call completion are provided.
  - — NONE – Indicates that DA call completion is not provided.

Associated Tables

SERVNAME SERV TARIFF TOPS SPLDNID DATRKOPT

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PRACTICE 297-1001-454
SECTION 484
RELEASE ACO1

DIGITAL MULTIPLEX SYSTEM
Directory Assistance
Billing Table Record
Table Name: DABILL

FORM CODE 2839A 78 70

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ____ ____ ____

000 123	0000001 5678900
TAB	DABILL Table Name

COMMAND	DABKEY			REQNUM	CLGREQ	SERVNAME	ENHAMA	CCSURCHG	DACC
	COTYPE	SRVCLS	RBILNUM						
000 123	0000000 1111 5678901 2345	1111111 2222 5678901 2345	2224 5676	28	30	3333333 3334 2345678 9012	42	44	4444445 5550 4678901 2345

PRACTICE 297-1001-454
SECTION 484
RELEASE ACO1

DIGITAL MULTIPLEX SYSTEM
Directory Assistance
Billing Table Record
Table Name: DABILL

FORM CODE 2839B 78 70

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COMMAND	DABKEY			REQNUM	CLGREQ	SERVNAME	ENHAMA	CCSURCHG	DACC
	COTYPE	SRVCLS	RBILNUM						
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2 3	1 1 1 1 1 1 2 2 2 5 6 7 8 9 0 1 2	2 2 2 4 5 6	2 8	3 0	3 3 3 3 3 3 3 3 4 2 3 4 5 6 7 8 9 0	4 2	4 4	4 4 4 4 5 6 7 8 9 0

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AI. Directory Assistance Call Completion Local Rate Step Table Record – DACCLRS (Form 2778A-B)

2.74 The table name is DACCLRS. It provides a method for calculating charges for DA call completion to a local number.

2.75 The valid entries for each field are as follows:

- **TARIFF** – Enter the alphanumeric tariff name that is listed in table TARIFF.
- **SCHTYPE** – If the calling number has an entry in table SPLDNID indicating that it should receive a special rate, enter SPL. Otherwise, enter STD.
- **SCHNAME** – Enter the alphanumeric schedule name that will be used for the call. It must be a valid name that is listed in table SCHED.
- **RATESTEP** – The valid entries are 0 to 999. This represents the rate step that will be used for calculating the charges for the call.

Associated Tables

TARIFF CLGTRF SCHED SPLDNID

DIGITAL MULTIPLEX SYSTEM
DA Call Completion Local Rate Step
Table Record
Table Name: DACCLRS

PRACTICE 297-1001-454
SECTION 484
RELEASE AA02

FORM CODE 2778A
7 8
7 0

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0 0 0	0 0 0 0 0 1 1 1
1 2 3	5 6 7 8 9 0 1 2
T A B	D A C C L R S

Table Name

* = Blank

COMMAND	TARIFF	SCHTYPE	SCHNAME	RATESTEP	*
0 0 0	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 2 2	2 2 2	2 2 2 3 3 3 3 3 3 3 3 3 3 3 4 4 4 4	4 4 4	4 5
1 2 3	5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	3 4 5	7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3	5 6 7	9 0

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DIGITAL MULTIPLEX SYSTEM
PRACTICE 297-1001-454 — DA Call Completion Local Rate Step — FORM CODE 2778B
SECTION 484 — Table Record — 7 8
RELEASE AA02 — Table Name: DACCLRS — 7 0

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COMMAND	TARIFF	SCHTYPE	SCHNAME	RATESTEP	*
001 002 003	005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021	023 024 025	027 028 029 030 031 032 033 034 035 036 037 038 039 040 041 042 043	045 046 047	049 050

AJ. Directory Assistance Call Completion Surcharge Table Record – DACCSUR (Form 2840)

2.76 The table name is DACCSUR. It provides a method for applying surcharges to completed DA calls.

2.77 The valid entries for each field are as follows:

- **CCTYPE** – Enter OH for operator handled or AUTO for automatic call completion.
- **UNSPEC** – The valid entries are 0 to 255. Enter the amount of surcharge applied to calls whose originating class of service is UNKNOWN.
- **STA** – The valid entries are 0 to 255. Enter the amount of surcharge applied to calls whose originating class of service is STATION.
- **HOTEL** – The valid entries are 0 to 255. Enter the amount of surcharge applied to calls whose originating class of service is HOTEL.
- **COIN** – The valid entries are 0 to 255. Enter the amount of surcharge applied to calls whose originating class of service is COIN.
- **REST** – The valid entries are 0 to 255. Enter the amount of surcharge applied to calls whose originating class of service is RESTRICTED.

Associated Table

TARIFF

PRACTICE 297-1001-454
SECTION 484
RELEASE AA02

DIGITAL MULTIPLEX SYSTEM
Directory Assistance
Call Completion Surcharge Table Record
Table Name: DACCSUR

FORM CODE 2840 78 70

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DATE ISSUED ____ ____ ____

000 123	0000011 5678901
TAB	DACCSUR Table Name

COMMAND 000 123	CCTYPE 0000 5678	UNSPEC 111 012	STA 111 456	HOTEL 112 890	COIN 222 234	REST 222 678	333333333344444444445 012345678901234567890

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AK. Directory Assistance Billing Restrictions Table Record – DARSTBIL (Form 2902)

2.78 The table name is DARESTBIL. This table is indexed by a restricted billing class number appearing in table SPLDNID and specifies the allowable methods of billing DA calls for each Restricted Billing Class.

2.79 The valid entries for each field are as follows:

- **BILCLASS** – The valid entries are 0 to 100. The valid restricted billing class numbers are defined in table SPLDNID.
- **AMARBC** – the valid entries are 0 to 100. Enter the restricted billing class recorded on AMA billing record.
- **SCRNDISP** – Enter up to eight alphanumeric characters to define an arbitrary name to be displayed on the TOPS screen in place of the class of service field for a particular billing class.
- **BILTYPES** – Enter a set of allowable billing types for a defined billing class:
  - PD – Sent paid
  - COL – Collect (AUTOCALL)
  - CC – Calling credit card
  - 3RD – Calling 3RD-number billing
  - SPLCLG – Calling special billing
  - SPLCLD – Called special billing.

Associated Table

SPLDNID

PRACTICE 297-1001-454
SECTION 484
RELEASE AA02

DIGITAL MULTIPLEX SYSTEM
Directory Assistance Restricted
Billing Table Record
Table Name: DARSTBIL

FORM CODE 2902 78 70

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DATE ISSUED ___ ___ ___

000 123	000 567	000 890	111 112
TAB	DARSTBIL		

COMMAND	BILCLASS	AMARBC	SCRNDISP	BILTYPES
000 123	000 567	011 901	111 111 345 678	222 222 223 456 789	222 333 012	333 333 345 678	333 344 901	444 444 234 567	444 445 890	555 512 353

AL. Directory Assistance Trunk Options Table Record – DATRKOPT – (Form 2838A-B)

2.80 The table name is DATRKOPT. It specifies, on a trunk group basis, the various DA options.

2.81 The valid entries for each field are as follows:

- **GRPKEY** – Enter the CLLI name of the DA trunk group on which the DA call arrived.
- **MULTREQ** – The valid entries are 0 to 127. Enter, on a trunk group basis, the number of multiple requests allowed for a DA call. This value is displayed on the screen on DA call arrival.
- **DACC** – Enter, on a trunk group basis, the type of call completion for which a DA call is eligible. The valid entries are as follows:
  - OH – Only operator-handled call completion is provided on the trunk group.
  - AUTO – Only automatic call completion is provided on the trunk group.
  - ALL – Both OH and AUTO call completion are provided on the trunk group.
  - NONE – DA call completion is not provided on this trunk group.
- **BILLRQD** – The valid entries are Y or N. Enter Y if DA calls are to be billed at the TOPS office. Enter N if DA calls are to be billed at the end office.
- **CLGNRQD** – The valid entries are Y or N. Enter Y if the calling number is required for AMA. Otherwise, enter N.
- **REQNRQD** – The valid entries are Y or N. Enter Y if the requested number is required for AMA. Otherwise, enter N.
- **LANGUAGE** – The entry here specifies, on a trunk group basis, the manner in which recorded announcements for auto intercept calls are played. The valid entries are as follows:
  - PRIMARY – Announcements are played in the primary language only. This is determined by office parameter TOPS_VR_PRIMARY_LANGUAGE.
  - SECONDARY – Announcements are played in the secondary language only. This is determined by office parameter TOPS_VR_SECONDARY_LANGUAGE.
  - PRIMSEC – Announcements are played first in the primary language and then in the secondary language.
  - SECPRIM – Announcements are played first in the secondary language and then in the primary language.

Associated Table

CLLI

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PRACTICE 297-1001-454
SECTION 484
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
Directory Assistance Trunk
Options Table Record
Table Name: DATRKOPT

FORM CODE 2838A

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0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	D A T R K O P T

Table Name

COMMAND	GRPKEY	MULTREQ	DACC	BILLROD	CLGNROD	REQNROD	LANGUAGE	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 2 2 2 3 4	2 2 2 2 2 6 7 8 9	3 1	3 3	3 5	3 3 3 4 4 4 4 4 4 4 7 8 9 0 1 2 3 4 5	4 4 4 5 7 8 9 0

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PRACTICE 297-1001-454
SECTION 484
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
Directory Assistance Trunk
Options Table Record
Table Name: DATRKOPT

FORM CODE 28388 78 70

OFFICE _____ PAGE ___ OF ___

ORIGINATOR _____ DATE ISSUED ___ ___ ___

000 123	00000111 56789012
TAB	DATRKOPT Table Name

COMMAND	GRPKEY	MULTREQ	DACC	BILLROD	CLGNROD	REONROD	LANGUAGE	
000 123	00000111111111112 56789012345678901	222 234	2222 6789	31	33	35	33344444445 78901234545	4445 7890

3. ADMINISTRATIVE TABLES

3.01 The tables categorized as "Administrative" tables are listed below. The SECTION number refers to the section in NTP 297-2271-451 that contains associated data-entry information for the table.

TABLE	FORM	SECTION
BRANDANN	2904	493
BRANDOPT	2905	493
CLASSNAM	2844	439
CLASSDEF	2845A-B	439
DELAYOP	2814	424
EBAFTKPH	2776A-B	490
FXDNMAP	2883	462
OCOFC	2734	417
OCGRP	2736A-B	417
OCHOST	2739	418
OGTMPKEY	2822A-B	421
OGTSPKEY	2821	421
OPRDAT	2820A-B	419
QTTIDX	2825	438
QT0-QT5	2826A-B	438
TOPS	2813A-B	426
TOPSACTS	2882	461
TOPSAMA	2850	442
TOPSBC	2815A-B	435
TOPSDEV	2802A-B	420
TOPSDISP	2841	437
TOPSPOS	2800A-B	420
TOPSQAGE	2779	491
TOPSTRBL	2806A-B	423
TRAFSAMP	2870	433
TOPSVNIN	2768	486
VLMEM	2737A-B	429
SERVICES	2857	483
VROPT	2858	483
VSNALARM	2773	488
VSNMEMBR	2769A-B	486
VSNOPT	2771	486
XFROPSEL	2895	470
CLGSET	2846A-B	441
ZENITH	2847A-B	441

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
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A. DA Toll Branding DRAMTRK Announcements Table Record – BRANDANN (Form 2904)

3.02 The table name is BRANDANN. It provides DRAMTRK announcements for both toll assist (TA) and directory assistance (DA) calls on a per company basis.

3.03 The valid entries for each field are as follows:

- **CARNBEC** – The valid entries are 0000 to 9999. If interLATA carrier companies are being served, this entry will be the carrier access code prefixed by a zero. For other companies, the entry is chosen by the telephone company that is providing the operator services. Entry 0000 is reserved for the serving telephone company.
- **TAANN** – The valid entries are Y or N. Enter Y if branding is desired for TA calls from this company. Otherwise, enter N.
- **TACLLI** – Enter the CLLI name of the announcement trunk used in table DRAMTRK to access the TA branding announcement for this company.
- **DAANN** – The valid entries are Y or N. Enter Y if branding is desired for DA calls from this company. Otherwise, enter N.
- **DACLLI** – Enter the CLLI name of the announcement trunk used in table DRAMTRK to access the DA branding announcement for this company.

Associated Tables

DRMTRK CLLI ANNS TOPEACAR

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

DIGITAL MULTIPLEX SYSTEM
Branding Announcements Table Record
Table Name: BRANDANN

PRACTICE 297-1001-454
SECTION 493
RELEASE AA02

FORM CODE 2904

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2
T A B	B R A N D A N N

COMMAND	CARNBEC	TAANN	TACLLI	DAANN	DACLLI	
0 0 0 1 2 3	0 0 0 0 0 5 6 7 8	1 0	1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7	2 9	3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6	4 4 5 5 5 5 5 5 8 9 0 1 2 3 4 5

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

B. DA Toll Branding Operator System Types Table Record – BRANDOPT (Form 2905)

3.04 The table name is BRANDOPT. It defines the operator system types for which branding is in effect and indicates whether or not to look in table NBECCODE to obtain the company code for the call.

3.05 The valid entries for each field are as follows:

- **ICTRKGRP** – Enter the CLLI name of the incoming trunk group. The trunk group types are TOPS, INTERTOLL, and ATC.
- **OPERSYS** – Enter one or more of the following operator systems or else leave blank:
  - — OPERATOR – The call is destined for an operator or placed in a queue pending an available operator.
  - — MCCS – The call is to be handled by the MCCS.
  - — ACTS – The call is from a coin phone and the charges and coin calculations are handled by ACTS.
  - — AABS – The call is to be handled by AABS.
- **NBECLOOK** – The valid entries are Y or N. Enter Y if table NBECCODE must be referenced to obtain the company code based on the calling number. Enter N if the default code in table TRKGRP is to be used.

Associated Tables

CLLI NBECCODE TRKGRP

PRACTICE 297-1001-454
SECTION 493
RELEASE AA02

DIGITAL MULTIPLEX SYSTEM
Branding Options Table Record
Table Name: BRANDOPT

FORM CODE 2905

OFFICE _____

PAGE ___ OF ___

ORIGINATOR _____

DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	B R A N D O P T

COMMAND	ICTRKGRP	OPERSYS	NBECLOOK	
0 0 0 1 2 3	0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 2 3 5 6 7 8 9 0 1 2 3 4 5 6 7 8 2 3	2 2 2 2 2 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7	4 9	5 5 5 5 5 5 1 2 3 4 5 6

C. TOPS Call Class Table Record – CLASSNAM (Form 2844)

3.06 The table name is CLASSNAM. It associates a numeric key to a call class.

3.07 The valid entries for each field are as follows:

- **CLASSNUM** – The valid entries are 1 to 15. Enter a class number.
- **CLASSNAM** – Enter a 1- to 10-character alphanumeric class name. The name is defined by the telephone company.

Associated Table

CLASSDEF

PRACTICE 297-1001-454
SECTION 439
RELEASE AB01

DIGITAL MULTIPLEX SYSTEM
TOPS
Call Class Table Record
Table Name: CLASSNAM

FORM CODE 2844
7 8
7 0

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0	0 0 0 0 0 1 1 1	
1 2 3	5 6 7 8 9 0 1 2	
T A B	C L A S S N A M	Table Name

COMMAND	CLASSNUM	CLASSNAM	
0 0 0	0 0	0 0 1 1 1 1 1 1 1 1	
1 2 3	5 6	8 9 0 1 2 3 4 5 6 7	

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

D. TOPS Call Type Table Record – CLASSDEF (Form 2845A-B)

3.08 The table name is CLASSDEF. It is used to assign the call types to an individual call class.

3.09 The valid entries for each field are as follows:

- **CALLTYPE** – Enter a valid call type for a TOPS office. Refer to field CO (call origination) in table TOPS.
- **CLASNAME** – Enter an alphanumeric class name that appears in table CLASSNAM.

Associated Tables

TOPS CLASSNAM

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454 — TOPS — FORM CODE 2845A 78 70
SECTION 439 — Call Type Table Record
RELEASE ACO1 — Table Name: CLASSDEF

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

000 123	000000111 56789012	
TAB	CLASSDEF	Table Name

COMMAND	CALLTYPE	CLASNAME	
000 123	000000111111 567890123456	111122222222 789012345678	

DIGITAL MULTIPLEX SYSTEM
TOPS
Call Type Table Record
Table Name: CLASSDEF

PRACTICE 297-1001-454
SECTION 439
RELEASE AC01

FORM CODE 28458 78 70

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ___ ___ ___

COMMAND	CALLTYPE	CLASNAME	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 5 6 7 8 9 0 1 2 3 4	1 1 1 1 2 2 2 2 2 2 6 7 8 9 0 1 2 3 4 5	

E. Delayed Outpulsing Table Record – DELAYOP (Form 2814)

3.10 The table name is DELAYOP. It allows a telephone company to specify whether delayed outpulsing is required for 0+ and 1+ calls that arrive at a TOPS position.

3.11 The valid entries for each field are as follows:

- **DELAYOP** – Enter one of the following route type codes:
  - — DPTOLCON – DP Toll Connecting
  - — MFTOLCON – MF Toll Connecting
  - — DPINTTOL – DP Intertoll
  - — MFINTTOL – MF Intertoll
  - — DEFAULT – Outgoing route type cannot be determined.
- **NCN0PDLY** – The valid entries are Y or N. Enter Y if delayed outpulsing is required for 0+ calls from a non-coin station. Otherwise, enter N.
- **DLYSECS** – The valid entries are 0 to 15. If NCN0PDLY is Y, specify the duration, in seconds, of the delay for 0+ calls from a non-coin station.
- **HTL0PDLY** – The valid entries are Y or N. Enter Y if delayed outpulsing is required for 0+ calls from a hotel station. Otherwise, enter N.
- **DLYSECS** – The valid entries are 0 to 15. If HTL0PDLY is Y, specify the duration, in seconds, of the delay for 0+ calls from a hotel station.
- **CN0PDLY** – The valid entries are Y or N. Enter Y if delayed outpulsing is required for 0+ calls from a coin station. Otherwise, enter N.
- **DLYSECS** – The valid entries are 0 to 15. If CN0PDLY is Y, specify the duration, in seconds, of the delay for 0+ calls from a coin station.
- **HTL1PDLY** – The valid entries are Y or N. Enter Y if delayed outpulsing is required for 1+ calls from a hotel station. Otherwise, enter N.
- **DLYSECS** – The valid entries are 0 to 15. If HTL1PDLY is Y, specify the duration, in seconds, of the delay for 1+ calls from a hotel station.
- **CN1PDLY** – The valid entries are Y or N. Enter Y if delayed outpulsing is required for 1+ calls from a coin station. Otherwise, enter N.
- **DLYSECS** – The valid entries are 0 to 15. If CN1PDLY is Y, specify the duration, in seconds, of the delay for 1+ calls from a coin station.

Associated Table

None

PRACTICE 297-1001-454
SECTION 424
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
DELAYED OUTPULSING TABLE RECORD

FORM CODE 2814
7 8
7 O

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

COMMAND	TABLE NAME
0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
	D E L A Y O P

COMMAND	DELAYOP	NCNOPDLY	DLYSECS	HTLOPDLY	DLYSECS	CNOPDLY	DLYSECS	HTL1PDLY	DLYSECS	CN1PDLY	DLYSECS
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2	1 4	1 1 7	1 9	2 1 2	2 4	2 6 7	2 9	3 1 2	3 4	3 6 7

3 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9

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F. EBAF Trunk Phase Table Record – EBAFTKPH (Form 2776A-B)

3.12 The table name is EBAFTKPH. It provides telephone companies with the ability to set the phase of Expanded Bellcore AMA Format (EBAF) that is used to generate AMA records on a trunk group basis.

3.13 The valid entries for each field are as follows:

- **CLLI** – Enter the CLLI name of the originating trunk group as specified in table CLLI.
- **PHASE** – Enter the EBAF phase to be used for generating AMA records for the trunk group. The valid entries are PHASE0, PHASE1, or PHASE2.

Associated Table

CLLI

PRACTICE 297-1001-454
SECTION 490
RELEASE AAO2

DIGITAL MULTIPLEX SYSTEM
Expanded Bellcore AMA Format
Trunk Phase Table Record
Table Name: EBAFTKPH

FORM CODE 2776A
7 8
7 0

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2
T A B	E B A F T K P H Table Name

0 0 0 1 2 3	COMMAND	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	CLLI	2 2 2 2 2 2 2 2 3 4 5 6 7	PHASE	2 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0

DIGITAL MULTIPLEX SYSTEM
Expanded Bellcore AMA Format
Trunk Phase Table Record
Table Name: EBAFTKPH

PRACTICE 297-1001-454
SECTION 490
RELEASE AA02

FORM CODE 27768
7 8
7 0

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

COMMAND	CLLI	PHASE	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 2 2 2 2 2 2 3 4 5 6 7	2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0

G. Foreign Exchange Directory Number Map Table Record – FXDNMAP (Form 2883)

3.14 The table name is FXDNMAP. It maps the foreign exchange (FX) line numbers received to the actual directory numbers that are then used for billing.

3.15 The valid entries for each field are as follows:

- **FXNUM** – Enter a valid 10-digit foreign exchange line number.
- **ACTLNUM** – Enter any 10-digit hotel or restricted number to which the call will be billed.

Associated Table

SPLDNID

PRACTICE 297-1001-454
SECTION 462
RELEASE AB01

DIGITAL MULTIPLEX SYSTEM
Foreign Exchange DN Map
Table Record
Table Name: FXDNMAP

FORM CODE 2883
7 8
7 0

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0	0 0 0 0 0 1 1 1
1 2 3	5 6 7 8 9 0 1 2
T A B	FXDNMAP

COMMAND	FXNUM	ACTLNUM	
0 0 0	0 0 0 0 0 1 1 1 1 1	1 1 1 1 2 2 2 2 2 2	2 2 2 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 5
1 2 3	5 6 7 8 9 0 1 2 3 4	6 7 8 9 0 1 2 3 4 5	7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0

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See proprietary restrictions on title page.

3-17

H. Operator Centralization Office Table Record – OCOFC (Form 2734)

3.16 The table name is OCOFC. It establishes a numeric value for an operator centralization office name.

3.17 The valid entries for each field are as follows:

- **VALUE** – The valid entries are 1 to 15. Enter a number that will be unique to the office name entered in field OFCNAME.
- **OFCNAME** – Enter the specific alphanumeric office name for the office at the other end of the link. If the office being translated were the host office, the entries here would be the name(s) of the remote office(s) served by this host office.

Associated Tables

OFCGRP OCHOST

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

DIGITAL MULTIPLEX SYSTEM
OPERATOR CENTRALIZATION OFFICE
TABLE RECORD

PRACTICE 297-1001-454
SECTION 417
RELEASE 01.01

FORM CODE 2734 78 70

OFFICE _____ PAGE ___ OF ___

ORIGINATOR _____ DATE ISSUED ___ ___ ___

COMMAND	TABLE NAME
000 123	000001111 567890123
TAB	OCOFC

COMMAND	QUANTITY
000 123	00000 56789
EXT	

COMMAND	VALUE	OFCNAME
000 123	00 56	00011111111111122222 89012345678901234
		22222233333333333444444444444 56789012345678901234567890123456789

I. Operator Centralization Group Table Control Record – OCGRP (Form 2736A-B)

3.18 The table name is OCGRP. It is used to identify the remote office(s) with which the host communicates. It also identifies voice and data links between the host and remote(s).

3.19 The valid entries for each field are as follows:

- **OFFICE** – Enter the specific alphanumeric office name of the other end of the link.
- **OFCTYPE** – The valid entries are HOST or REMOTE. This identifies the type of office being served.
- **VLGRP** – Enter the alphanumeric voice link group CLLI code associated with the previously defined office.
- **DLOVERLAY** – The Data Link Overlay field consists of the following two subfields:
  - — DLSEL – The valid entry is HDLC.
  - — DLGRP – Enter the alphanumeric data link group CLLI code associated with the previously defined office.

Associated Tables

TOPSHDLC OCOFC TRKGRP

PRACTICE 297-1001-454
SECTION 417
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
OPERATOR CENTRALIZATION GROUP
TABLE RECORD

FORM CODE 2736A
7 8
7 0

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ___ ___ ___

COMMAND	TABLE NAME
0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	O C G R P

COMMAND	
0 0 0 1 2 3 E X T	0 0 0 0 0 5 6 7 8 9

COMMAND	OFFICE	OFCTYPE	VLGRP	DLOVERLAY	
				DLSEL	DLGRP
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 2 2 2 2 2 1 2 3 4 5 6	2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	4 4 4 4 2 3 4 5	4 4 4 4 5 5 5 5 5 5 5 5 5 6 7 8 9 0 1 2 3 4 5 6 7 8

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See proprietary restrictions on title page.

PRACTICE 297-1001-454
SECTION 417
RELEASE AB01

DIGITAL MULTIPLEX SYSTEM
OPERATOR CENTRALIZATION GROUP
TABLE RECORD

FORM CODE 2736B 78 70

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ____ ____ ____

COMMAND	TABLE NAME
0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	O C G R P

COMMAND	
0 0 0 1 2 3 E X T	0 0 0 0 0 5 6 7 8 9

COMMAND	OFFICE	OFCTYPE	VLGRP	DLOVERLAY	
				DLSEL	DLGRP
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 2 2 2 2 2 1 2 3 4 5 6	2 2 2 3 3 3 3 3 3 3 3 3 3 3 4 4 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	4 4 4 4 2 3 4 5	4 4 4 4 5 5 5 5 5 5 5 5 5 6 7 8 9 0 1 2 3 4 5 6 7 8

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J. Operator Centralization Host Table Record – OCHOST (Form 2739)

3.20 The table name is OCHOST. This table is required in remote toll-switching units that are configured with the operator centralization feature. It identifies the host office.

3.21 The valid entries for each field are as follows:

- **OFCTYPE** – The only valid entry is HOST.
- **HOSTOFC** – Enter the alphanumeric CLLI name of the host office.

Associated Table

OCOFC

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

PRACTICE 297-1001-454
SECTION 418
RELEASE 01.01

DIGITAL MULTIPLEX SYSTEM
OPERATOR CENTRALIZATION HOST
TABLE RECORD

FORM CODE 2739 78 70

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

COMMAND	TABLE NAME
000 123	000001111 567890123
TAB	OCHOST

COMMAND	OFCTYPE	HOSTOFC	
000 123	0000 5678	1111111111112222222222 0123456789012345	2222333333333333444444444444 7890123456789012345678

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

K. Outgoing Trunk Multi-Purpose Key Table Record – OGTMPKEY (Form 2822A-B)

3.22 The table name is OGTMPKEY. It is used to make assignments to the OGT keys for the TOPS Multi-Purpose (MP) positions.

3.23 The valid entries for each field are as follows:

- **KEYNUM** – The valid entries are 0 to 99.
- **LABEL** – Enter up to eight alphanumeric characters to define the key. Enter an asterisk (*) if the key is not assigned.
- **KEYTYPE** – Enter one of the following:
  - — ASST – Call will be handled by an assistant. No further entries are required on this form.
  - — XFR – Call will be transferred. Only field XFRTYPE requires input.
  - — OT – Call will be handled by an outgoing trunk. Fields CLDNO, SCRNTYPE, and BILLNUM require input.
- **XFRTYPE** – The valid entries are 1, 2, or DA. Enter the type of transfer associated with this key.
- **CLDNO** – Enter a 1- to 10-digit number used by the switch to route the call via translation and screening tables when the associated OGT key is activated.
- **SCRNTYPE** – Enter OPER if operator screening is used for translations. Enter CUST if originator screening is used for translations.
- **BILLNUM** – The valid entries are Y or N. Enter Y if the called number should be included in the billing information. Otherwise, enter N and input a number in field AMAINDEX.
- **AMAINDEX** – The valid entries are 0 to 99. This field requires an entry only if field BILLNUM entry is N. This number will be included in the AMA records.

Associated Table

OFCENG

PRACTICE 297-1001-454
SECTION 421
RELEASE AA02

DIGITAL MULTIPLEX SYSTEM
Outgoing Trunk
Multi-Purpose Key Table Record
Table Name: OGTMPKEY

FORM CODE 2822A 78 70

OFFICE _____ PAGE ___ OF ___

ORIGINATOR _____ DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2
T A B	O G T M P K E Y

Table Name

COMMAND 0 0 0 1 2 3	KEYNUM 0 0 5 6	LABEL 0 0 1 1 1 1 1 1 1 8 9 0 1 2 3 4 5	KEYTYPE 1 1 1 2 7 8 9 0	XFRTYPE 2 2 2 3	CLDNO 2 2 2 2 2 2 3 3 3 3 3 5 6 7 8 9 0 1 2 3 4	SCRNTYPE 3 3 3 3 6 7 8 9	BILLNUM 4 1	AMAINDEX 4 4 4 3 4	4 4 4 4 5 6 7 8 9 0

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

PRACTICE 297-1001-454
SECTION 421
RELEASE AA02

DIGITAL MULTIPLEX SYSTEM
Outgoing Trunk
Multi-Purpose Key Table Record
Table Name: OGTMPKEY

FORM CODE 28228

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

COMMAND	KEYNUM	LABEL	KEYTYPE	XFRTYPE	CLDNO	SCRNTYPE	BILLNUM	AMAINDEX	
001 2 3	005 6	008 9 0 1 1 1 2 1 3 1 4 1 5	1 1 7 1 8 1 9 2 0	2 2 2 3	2 2 2 5 2 6 2 7 2 8 2 9 3 0 3 1 3 2 3 3 3 4	3 3 3 6 3 7 3 8 3 9	4 1	4 4 3 4	4 4 4 4 4 5 4 6 4 7 4 8 4 9 5 0

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See proprietary restrictions on title page.

L. Outgoing Trunk Single-Purpose Key Table Record – OGTSPKEY (Form 2821)

3.24 The table name is OGTSPKEY. It allows a TOPS operator to transfer a call to repair, DA, etc., or to connect to an outgoing trunk by operating one of the seven OGT keys at the position.

3.25 The valid entries for each field are as follows:

- **KEYNUM** – The valid entries are 1 to 7.
- **LABEL** – Enter up to eight alphanumeric characters to label the key.
- **KEYTYPE** – Enter one of the following:
  - — ASST – Call will be handled by an assistant. No further entries are required on this form. *At present, this is not a valid entry.*
  - — XFR – Call will be transferred. Only field XFRTYPE requires input.
  - — OT – Call will be handled by an outgoing trunk. Fields CLDNO, SCRNTYPE, and BILLNUM require input.
- **XFRTYPE** – The valid entries are 1, 2, or DA. Enter the type of transfer associated with this key.
- **CLDNO** – Enter a 1- to 10-digit number used by the switch to route the call via translation and screening tables when the associated OGT key is activated.
- **SCRNTYPE** – Enter OPER if operator screening is used for translations. Enter CUST if originator screening is used for translations.
- **BILLNUM** – The valid entries are Y or N. Enter Y if the called number should be included in the billing information. Otherwise, enter N and input a number in field AMAINDEX.
- **AMAINDEX** – The valid entries are 0 to 99. This field requires an entry only if field BILLNUM entry is N. This number will be included in the AMA records.

Associated Table

OFCENG

DIGITAL MULTIPLEX SYSTEM
PRACTICE 297-1001-454 TOPS FORM CODE 2821 78 70
SECTION 421 Outgoing Trunk Single Purpose Key Table Record
RELEASE AA02 Table Name: OGTSPKEY

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ___ ___ ___

TAB: OGTSPKEY Table Name

COMMAND	KEYNUM	LABEL	KEYTYPE	XFRTYPE	CLDNO	SCRNTYPE	BILLNUM	AMAINDEX	
001 2 3	05	007 8 9 0 1 2 3 4	116 7 8	201	223 4 5 6 7 8 9 0 1 2	334 5 6 7	39	401	413 4 5 6 7 8 9 1 2 3 4 5 6 7 8

M. TOPS Operator Data Table Record – OPRDAT (Form 2820A-B)

3.26 The table name is OPRDAT. It is used to assign a number to an operator for identification at login. Also, team numbers are assigned and the call types handled by the operator are defined.

3.27 The valid entries for each field are as follows:

- **OPRNUM** – The valid entries are 0 to 3099. Each operator must be assigned a number for identification.
- **CTTEAM** – The valid entries are 0 to 30. Enter a control traffic team number.
- **CTSET** – The valid entries are 0 to 15, or ALL. Enter a control traffic set number or ALL.
- **XFRTEAM** – The valid entries are 0 to 30. Enter the call transfer team number.
- **XFRSET** – Enter one of the following call transfer sets to define the call type(s) handled by this operator:
  - — ALL – Operator can handle all call types
  - — GEN – Operator can handle general call types
  - — XFR1 – Operator can handle transfer 1 call types
  - — XFR2 – Operator can handle transfer 2 call types
  - — DA – Operator can handle directory assistance call types. This entry is only valid if the position is a TOPS MP position equipped with DA software.
- **SVCSET** – Enter one of the following call service sets to define the call type(s) handled by this operator:
  - — TASERV – Operator can provide toll and assist service.
  - — DASERV – Operator can provide directory assistance service. This entry is only valid if the position is a TOPS MP position equipped with DA software.
  - — INTCSERV – Operator can provide intercept service. *At present, this is not a valid entry.*
  - — ALL – Operator can provide all call types.

NOTE: If the vendors that provide directory assistance and intercept services are different, the same operator cannot handle both services.

Associated Tables

OFCENG SERVICES

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

PRACTICE 297-1001-454
SECTION 419
RELEASE ACO1

DIGITAL MULTIPLEX SYSTEM
TOPS Operator Data
Table Record
Table Name: OPRDAT

FORM CODE 2820A

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

000 123	000000 567890	
TAB	OPRDAT	Table Name

COMMAND	OPRNUM	CTTEAM	CTSET	XFRTEAM	XFRSET	SVCSET	
000 123	0000 5678	11 01	111 345	11 78	22222 01234	22223333 67890123	33333344444444444455555555556666666666 56789012345678901234567890123456

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PRACTICE 297-1001-454
SECTION 419
RELEASE AC01

DIGITAL MULTIPLEX SYSTEM
TOPS Operator Data
Table Record
Table Name: OPRDAT

FORM CODE 28208

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ___ ___ ___

COMMAND	OPRNUM	CTTEAM	CTSET	XFRTEAM	XFRSET	SVCSET	
0 0 0 1 2 3	0 0 0 0 5 6 7 8	1 1 0 1	1 1 1 3 4 5	1 1 7 8	2 2 2 2 2 2 0 1 2 3 4	2 2 2 2 2 3 3 3 3 6 7 8 9 0 1 2 3	3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

N. TOPS Queue Length Threshold Table Index Table Record – QTTIDX (Form 2825)

3.28 The table name is QTTIDX. It lists the average work time (AWT) for each of the tables QT0 to QT5.

3.29 The valid entries for each field are as follows:

- **QTTBL** – The valid entries are 0 to 5. Enter a number corresponding to table QT0 to QT5.
- **AWT** – The valid entries are 25 to 100 seconds. Enter the length of time (seconds) used to handle the average call associated with the queue threshold (QT) table identified in the previous field.

Associated Tables

QT0 to QT5

DIGITAL MULTIPLEX SYSTEM
PRACTICE 297-1001-454 TOPS FORM CODE 2825
SECTION 438 Queue Length Threshold Table Index Table Record 7 8
RELEASE AC01 Table Name: QTTIDX 7 0

OFFICE _____ PAGE ___ OF ___

ORIGINATOR _____ DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	Q T T I D X	Table Name

COMMAND	QTTBL	AWT	
0 0 0 1 2 3	0 5	0 0 0 7 8 9	

O. TOPS Queue Length Threshold Table Records – QT0 to QT5 (Forms 2826A-AB)

3.30 The table names are QT0 to QT5. Each table lists, for specified ranges of occupied positions (field OPRANGE), the queue length threshold at which the DMS TOPS program initiates the following:

- A calls waiting (CW) signal is displayed on operator and administrative positions once the queue length reaches the specified threshold (field CWON).
- The CW lamp is extinguished when the queue length returns to within the specified threshold (field CWOFF).
- Calls are deflected to a recorded announcement if their position in the queue exceeds the specified threshold (field DEFLECT). A calls deflected (CD) signal is displayed at the administrative position as long as the queue length is equal to or exceeds the DEFLECT threshold.

3.31 Select the appropriate form based on average answer time of 2.1, 3.5, or 5.0 seconds and AWT in the 25 to 100 second range. Refer to NTP 297-2271-451, Section 438, for a list of the preprinted forms. The valid entries in each field are as follows:

- **TAB QT** – The valid entries are 0 to 5. Enter a number to define the table QT.
- **OPRANGE** – The occupied position range entry is preprinted on the form.
- **CWOFF** – The valid entries are 0 to 256. The number of calls waiting in the queue must fall below the number entered here to extinguish the CW signal.
- **CWON** – The valid entries are 0 to 256. When the number of calls waiting in the queue equal or exceed the number entered here, the CW signal is displayed.
- **DEFLECT** – The valid entries are 0 to 256. When the call in the queue reaches a position in the queue equal to the number entered here, the call is deflected to a recorded announcement. 0– calls are deflected to treatment EMR4. All other calls are deflected to treatment EMR3.

Associated Table

QTTIDX

PRACTICE 297-1001-454
SECTION 438
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Queue Length Threshold Table Record
Table Name: QTO to QT5
AWT: ____

FORM CODE 2826A 78 70

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
TAB	QT____	Table Name

COMMAND	OPRANGE	CWOFF	CWON	DEFLECT	
0 0 0 1 2 3	0 0 0 0 0 1 1 5 6 7 8 9 0 1	1 1 1 3 4 5	1 1 1 7 8 9	2 2 2 1 2 3	
INP					
	0_0				
	1_2				
	3_4				
	5_6				
	7_8				
	9_10				
	11_12				
	13_14				
	15_16				
	17_18				
	19_20				
	21_22				
	23_24				
	25_26				
	27_28				
	29_30				
	31_32				
	33_40				
	41_48				
	49_56				
	57_64				

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DIGITAL MULTIPLEX SYSTEM
TOPS
Queue Length Threshold Table Record
Table Name: QTO to QT5
AWT: 25

PRACTICE 297-1001-454
SECTION 438
RELEASE ACO1

FORM CODE 2826AB 78 70

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

000 123	00000011 11 56789012
TAB	QT___ Table Name

COMMAND	OPRANGE	CWOFF	CWON	DEFLECT
000 123	00000011 56789012	111 345	111 789	222 123
INP				
	0_0	0	1	5
	1_2	0	3	5
	3_4	0	7	9
	5_6	0	10	12
	7_8	0	13	16
	9_10	2	16	21
	11_12	4	18	25
	13_14	6	21	30
	15_16	7	23	34
	17_18	9	26	39
	19_20	12	29	43
	21_22	13	31	48
	23_24	15	33	52
	25_26	17	36	57
	27_28	19	38	61
	29_30	20	40	66
	31_32	23	43	70
	33_40	30	51	89
	41_48	38	60	107
	49_56	45	68	126
	57_64	53	77	144

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

P. Digit Translation Routing to TOPS Table Record – TOPS (Form 2813A-B)

3.32 The table name is TOPS. It is used to provide access to selected groups of TOPS operator positions based on the the specified access code dialed by the subscriber.

3.33 The valid entries in each field are as follows:

- **CO** – Enter the call type code of the call origination. The valid entries are listed in NTP 297-2271-451, Table 1.
- **DISPLAY** – This field consists of the following two subfields:
  - SEL – The valid entries are S or C. Enter S if the standard display is required. Enter C if the display defined in subfield HEADER is required.
  - HEADER – The valid entry is up to six alphanumeric characters that will be displayed on the screen instead of the standard display. This subfield only requires an entry when subfield SEL entry is C.
- **NOAMA** – The valid entries are Y or N. Enter N if an entry is made on AMA tape. Otherwise, enter Y.
- **POSTYPE** – Enter the type of queue to which the TOPS position belongs. The valid entries are GEN, XFR1, XFR2, or DA.
- **SERVTYP** – At present, the only valid entries are TASERV or DASERV.

Associated Table

TOPSPOS

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

PRACTICE 297-1001-454
SECTION 426
RELEASE AC01

DIGITAL MULTIPLEX SYSTEM
TOPS
Routing to TOPS Table Record
Table Name: TOPS

FORM CODE 2813A
7 8
7 0

OFFICE _____ _____

PAGE ___ OF ___

ORIGINATOR _____

DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 5 6 7 8	
T A B	T O P S	Table Name

COMMAND 0 0 0 1 2 3	CO 0 0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2 3	DISPLAY SEL & Refinements S C 1 5	HEADER 1 1 1 2 2 2 7 8 9 0 1 2	NOAMA 2 4	POSTYPE 2 2 2 2 6 7 8 9	SERVTYP 3 3 3 3 3 3 3 3 1 2 3 4 5 6 7 8	 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6

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PRACTICE 297-1001-454
SECTION 426
RELEASE AC01

DIGITAL MULTIPLEX SYSTEM
TOPS
Routing to TOPS Table Record
Table Name: TOPS

FORM CODE 28138
7 8
7 0

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ____ ____ ____

COMMAND	CO	DISPLAY SEL & Refinements S	DISPLAY SEL & Refinements C	DISPLAY SEL & Refinements HEADER	NOAMA	POSTYPE	SERVTYP	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 5 6 7 8 9 0 1 2 3	1 5		1 1 1 2 2 2 7 8 9 0 1 2	2 4	2 2 2 2 6 7 8 9	3 3 3 3 3 3 3 3 3 1 2 3 4 5 6 7 8	4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

Q. TOPS Automatic Coin Toll Service Table Record – TOPSACTS (Form 2882)

3.34 The table name is TOPSACTS. It is used to determine the compatibility of coin phones to indicate one of the following three characteristics of incoming coin calls:

- All calls arriving on the trunk group are Automatic Coin Toll Service (ACTS) compatible.
- No calls arriving on the trunk group are ACTS compatible.
- Some calls arriving on the trunk group are ACTS compatible.

3.35 The valid entries for each field are as follows:

- **CLLI** – Enter the CLLI name of the TOPS trunk group on which the call arrived.
- **ACTSSERV** – The entry in this field determines if the call arriving can receive ACTS service. Enter one of the following:
  - — SERV – Coin calls arriving on this trunk group can receive ACTS service.
  - — NOSERV – Coin calls arriving on this trunk group are not ACTS compatible and are routed to an operator for processing.
  - — MAYSERV – Calls arriving on this trunk group may or may not receive ACTS service. Table SPLDNID must be checked to determine the ACTS status on a line number basis.
- **LARGECHG** – The valid entries are 0 to 4095. Enter the maximum amount, in cents, that a coin call can cost and still be processed by ACTS. If it exceeds this amount, the call will be operator-handled (OH).

Associated Tables

SPLDNID TRKGRP

PRACTICE 297-1001-454
SECTION 461
RELEASE AA04

DIGITAL MULTIPLEX SYSTEM
Table TOPSACTS
Table Record
Table Name: TOPSACTS

FORM CODE 2882 78 70

OFFICE _____ PAGE ___ OF ___

ORIGINATOR _____ DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	TOPSACTS

COMMAND	CLLI	ACTSSERV	LARGECHG	
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 1 1 5 6 7 8 9 0 1 2 3 4 5 6	1 1 2 2 2 2 2 8 9 0 1 2 3 4	2 2 2 2 6 7 8 9	3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 5 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0

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See proprietary restrictions on title page.

R. TOPS AMA Table Record – TOPSAMA (Form 2850)

3.36 The table name is TOPSAMA. It allows the telephone company to select, based on call type, the unanswered TOPS calls that will be recorded in the AMA record in those offices using Northern Telecom Format (NTFMT) recording. This form is not used in those offices using Bellcore Format recording. In a Bellcore Format recording office, the UNANS_TOPS field in table AMAOPTS must be ON. Also, the call codes requiring unanswered records must be assigned in table BCCODES to generate TOPS unanswered calls.

3.37 The valid entries for each field are as follows:

- **CO** – The valid call origination type entries are listed in NTP 297-2271-451, Section 442. These are default values that may be changed by the telephone company using the table editor.
- **TOT** – The valid entries are 00 to 99. Enter a 2-digit code identifying the TOPS origination type code.
- **RECNOANS** – The valid entries are Y or N. Enter Y to record unanswered calls on the AMA device. Otherwise, enter N.

Associated Tables

BCCODES AMAOPTS

DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454
SECTION 442
RELEASE ABO1

TOPS
AMA TABLE RECORD
Table Name: TOPSAMA

FORM CODE 2850 78 70

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	T O P S A M A	Table Name

COMMAND	CO	TOT	RECNOANS
0 0 0 1 2 3	0 0 0 0 0 0 1 5 6 7 8 9 0	1 1 2 3	1 5

S. TOPS Billing Code Table Record – TOPSBC (Form 2815A-B)

3.38 The table name is TOPSBC. It lists the following information for each NXX code, special billing code, and WATS originating code that is allowed to originate TOPS calls over a specified TOPS trunk group:

- If local calling area (LCA) screening is required, the name of the LCA screening subtable that is assigned to the code
- If class of service screening is required, the name of the class of service screening subtable that is assigned to the code
- The actual code and NPA that is to be entered on the AMA tape
- The applicable charge class for the code.

3.39 The valid entries for each field are as follows:

- **CLLI** – Enter the alphanumeric CLLI name assigned to the trunk group.
- **BILLCODE** – Enter the 3-digit billing code. It may be an NXX code, a special billing code, or a WATS originating code.
- **LCANAME** – Enter a local calling area screening subtable name if the trunk group requires it based on the code specified in field BILLCODE. Enter NLCA if the LCANAME specified in table TRKGRP provides the proper screening, or if no LCA screening is required.
- **SCRNCL** – Enter a class of service screening subtable name if the trunk group requires it based on the code specified in field BILLCODE. Enter NSCR if the SCRNCL specified in table TRKGRP provides the proper screening, or if no class of service screening is required.
- **ACTUALBC** – Enter the actual 6-digit billing code (NPA +NXX) that is to be entered on the AMA tape.
- **CHGCLSS** – Enter the charge specified in table TOLLENTC to which the billing code is assigned. The valid entries are CAM0, WAT0, TWX0, DAT0, TOPS, or NONE.

Associated Tables

TOLLENTC CLLI TRKGRP SCRNCLAS LCASCRN

DIGITAL MULTIPLEX SYSTEM
TOPS
Billing Code Table Record
Table Name: TOPSBC

PRACTICE 297-1001-454
SECTION 435
RELEASE ABO1

FORM CODE 2815A 78 70

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
TAB	TOPSBC Table Name

COMMAND	CLLI	BILLCODE	LCANAME	SCRNCL	ACTUALBC	CHGCLSS	
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 2 2 2 3 4	2 2 2 2 6 7 8 9	3 3 3 3 1 2 3 4	3 3 3 3 4 4 6 7 8 9 0 1	4 4 4 4 3 4 5 6	

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PRACTICE 297-1001-454
SECTION 435
RELEASE A801

DIGITAL MULTIPLEX SYSTEM
TOPS
Billing Code Table Record
Table Name: TOPSBC

FORM CODE 2815B 78 70

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

COMMAND	CLLI	BILLCODE	LCANAME	SCRNCL	ACTUALBC	CHGCLSS	
001 002 003	005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020	022 023 024	025 026 027 028 029	031 032 033 034	036 037 038 039 040 041	043 044 045 046	

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T. TOPS Device Table Record – TOPSDEV (Form 2802A-B)

3.40 The table name is TOPSDEV. It lists TOPS devices that require one trunk circuit (for data) and identifies the location of each trunk circuit. Refer to NTP 297-2271-451, Section 420, for data-entry information.

PRACTICE 297-1001-454
SECTION 420
RELEASE AI01

DIGITAL MULTIPLEX SYSTEM
TOPS
Device Table Record
Table Name: TOPSDEV

FORM CODE 2802A
7 8
7 0

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ____ ____ ____

0 0 0 / 1 2 3	0 0 0 0 0 1 1 1 / 5 6 7 8 9 0 1 2	
T A B	T O P S D E V	Table Name

C O M M A N D	DEVNO	DEVSEL & Refinements (DEVTYPE)									
		MFADS, NOTIS or SPDEV	*		PMTYPE & Refinements				CARDCODE	PROTOCOL	Where: *=Blank 1=DCMCKTNO *1=DCMCKTTS 2=DTCCKTNO *2=DTCCKTTS 3=DTCICKTNO *3=DTCICKTTS 4=LTCCKTNO *4=LTCCKTTS 5=LTCICKTNO *5=LTCICKTTS 6=TMCKTNO 7=TRAFOFC 8=MPNO
		HADS, SADS, FADS DUAQ, FADSHADS or SADSHADS	L A N G		D C M	DCMNO	1	*1			
		TADS	*	7	D T C	DTCNO	2	*2			
		VQ or RECORD		LC	D T C I	DTCINO	3	*3			
		AQ		* HACR	L T C	LTCNO	4	*4			
		F M C R T	CNTRLR & Refinemnts		L T C I	LTCINO	5	*5			
			T P C N T 4 X 7 1	*	T M 8	TMNO	6	*			
			T M S T P C	TPCNO * 8	*	*	*	*			

0 0 0 / 1 2 3	0 0 0 0 / 5 6 7 8	1 1 1 1 1 1 1 1 / 0 1 2 3 4 5 6 7	1 2 2 2 2 2 / 9 0 1 2 3 4	2 2 2 2 3 / 6 7 8 9 0	3 3 3 3 / 2 3 4 5	3 3 3 4 / 7 8 9 0	4 4 / 2 3	4 4 / 5 6	4 4 5 5 5 5 5 5 / 8 9 0 1 2 3 4 5	5 5 5 6 6 6 6 / 7 8 9 0 1 2 3 4	

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PRACTICE 297-1001-454
SECTION 420
RELEASE AIO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Device Table Record
Table Name: TOPSDEV

FORM CODE 2802B
7 8
7 0

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ____ ____ ____

| COMMAND | DEVNO | DEVSEL & Refinements (DEVTYPE) | | |

U. Expanded Operator Display Table Record – TOPSDISP (Form 2841)

3.41 The table name is TOPSDISP. It allows the telephone company to assign special instructional displays based on the incoming TOPS trunk group.

3.42 The valid entries for each field are as follows:

- **DISP_NO** – The valid entries are 1 to 31. Enter the number indexed in the DISPLAY field in table TRKGRP.
- **INSTRUCT** – Enter an alphanumeric instruction that will be displayed on the operator's screen following the CLG NUMBER display.

Associated Table

TRKGRP

DIGITAL MULTIPLEX SYSTEM
Expanded Operator Display
Table Record
Table Name: TOPSDISP

PRACTICE 297-1001-454
SECTION 437
RELEASE ABO1

FORM CODE 2841 78 70

OFFICE _____ PAGE ____ OF ____

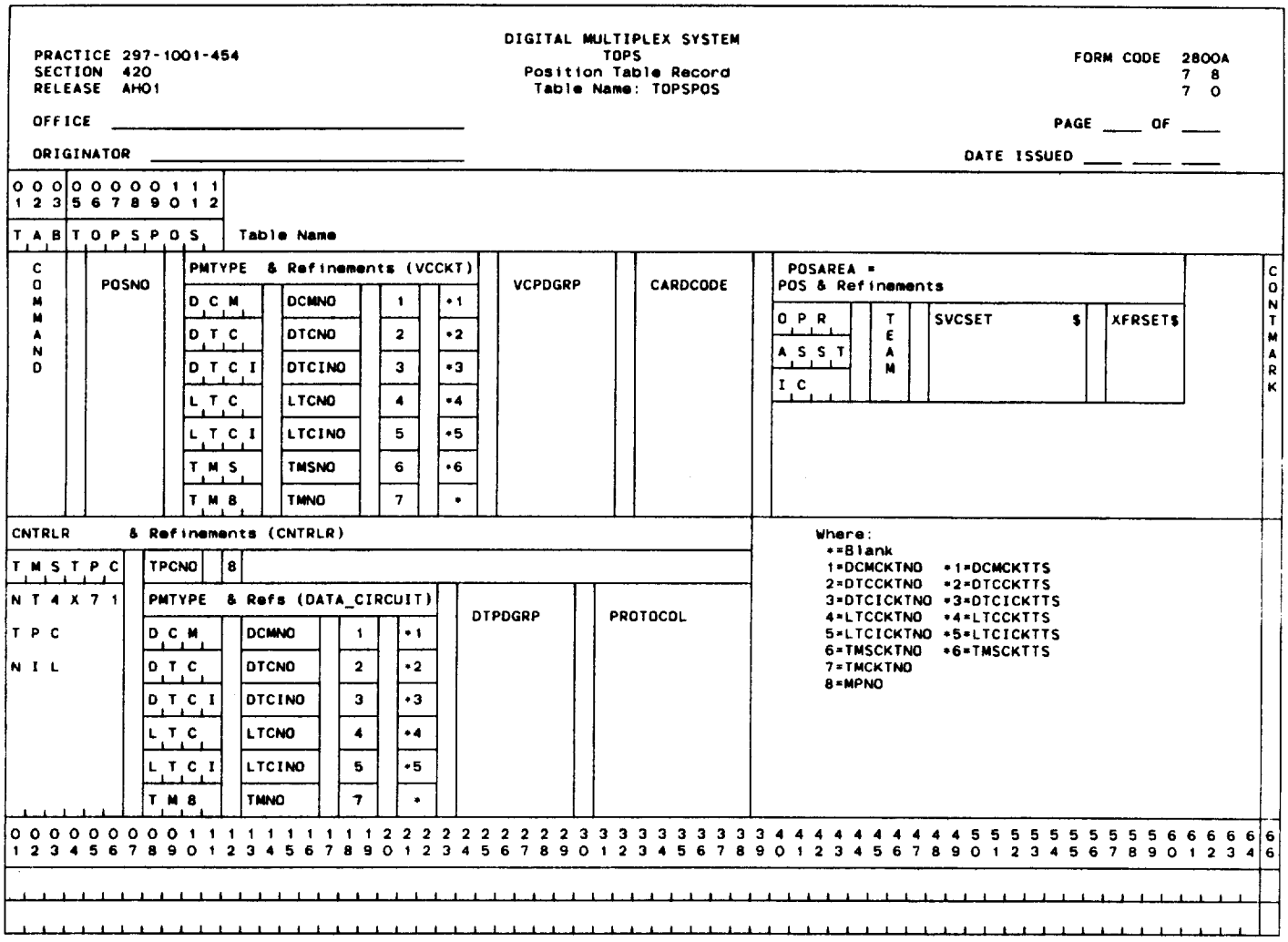
ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	T O P S D I S P	Table Name

COMMAND	DISPNO	INSTRUCT	
0 0 0 1 2 3	0 0 5 6	0 0 1 1 1 1 8 9 0 1 2 3	

V. TOPS Position Table Record – TOPSPOS (Form 2800A-B)

3.43 The table name is TOPSPOS. It lists the TOPS positions that require two trunk circuits, one for voice and one for data. It also lists the location of the trunk circuits and identifies the traffic office to which the position belongs. Refer to NTP 297-2271-451, Section 420, for data-entry information.



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PRACTICE 297-1001-454
SECTION 420
RELEASE AH01

DIGITAL MULTIPLEX SYSTEM
TOPS
Position Table Record
Table Name: TOPSPOS

FORM CODE 28008
7 8
7 0

OFFICE _____

ORIGINATOR _____

PAGE ___ OF ___

DATE ISSUED ___ ___ ___

COMMAND	POSNO	PMTYPE & Refinements (VCCKT)				VCPDGRP	CARDCODE	POSAREA = POS & Refinements				CONTMARK
		DCM	DCMNO	1	*1			OPR	TEAM	SVCSET $	XFRSET$	
		DTC	DTCNO	2	*2			AST				
		DTCI	DTCINO	3	*3			IC				
		LTC	LTCNO	4	*4							
		LTCI	LTCINO	5	*5							
		TMS	TMSNO	6	*6							
		TMB	TMNO	7	*							

CNTRLR & Refinements (CNTRLR)

TMSTPC	TPCNO	8						
NT4X71	PMTYPE & Refs (DATA_CIRCUIT)					DTPDGRP	PROTOCOL	
TPC	DCM	DCMNO	1	*1				
NIL	DTC	DTCNO	2	*2				
	DTCI	DTCINO	3	*3				
	LTC	LTCNO	4	*4				
	LTCI	LTCINO	5	*5				
	TMB	TMNO	7	*				

Where:
*=Blank
1=DCMCKTNO *1=DCMCKTTS
2=DTCCKTNO *2=DTCCKTTS
3=DTCICKTNO *3=DTCICKTTS
4=LTCCKTNO *4=LTCCKTTS
5=LTCICKTNO *5=LTCICKTTS
6=TMSCKTNO *6=TMSCKTTS
7=TMCKTNO
8=MPNO

0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6

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W. TOPS Queue Aging Table Record – TOPSQAGE (Form 2779)

3.44 The table name is TOPSQAGE. It allows the telephone company to implement assignable grades of service. The table cannot be added to or deleted from except during a restore process.

3.45 The initial entries for each field are as follows:

- **QUEUE** – The following four entries are initialized after an IPL start:
  - — GEN
  - — XFR1
  - — XFR2
  - — DA
- **AGING** – All four QUEUES are initialized to 10. During the restore process, the entries can be changed to a value in the range of from 10 to 80.

PRACTICE 297-1001-454
SECTION 491
RELEASE AA03

DIGITAL MULTIPLEX SYSTEM
TOPS Queue Aging
Table Record
Table Name: TOPSQAGE

FORM CODE 2779
7 8
7 0

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ____ ____ ____

0 0 0	0 0 0 0 0 1 1 1	
1 2 3	5 6 7 8 9 0 1 2	
T A B	T O P S Q A G E	Table Name

COMMAND	QUEUE	AGING	
0 0 0	0 0 0 0	1 1	1 3 1 4 1 5 1 6 1 7 1 8 1 9 2 0 2 1 2 2 2 3 2 4 2 5 2 6 2 7 2 8 2 9 3 0 3 1 3 2 3 3 3 4 3 5 3 6 3 7 3 8 3 9 4 0 4 1 4 2 4 3 4 4 4 5 4 6 4 7 4 8 4 9 5 0 5 1 5 2 5 3 5 4 5 5 5 6 5 7 5 8 5 9 6 0 6 1 6 2 6 3 6 4 6 5 6 6 6 7 6 8
1 2 3	5 6 7 8	0 1	

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3-55

X. TOPS Operator Reporting Trouble Disposition Table Record – TOPSTRBL (Form 2806A-B)

3.46 The table name is TOPSTRBL. It allows the TOPS operator to report a trouble encountered while handling a call.

3.47 The valid entries for each field are as follows:

- **TRBLCODE** – The valid entries are 0 to 9 and 10 to 99. Each code is assigned by the telephone company and represents a trouble condition. Refer to NTP 297-2271-451, Section 423, for a more detailed description of fields TRBLCODE and DISPOSN.
- **DISPOSN** – The valid entries for a TOPS office are as follows:
  - — SNAC
  - — MTCE
  - — MTCEMIN
  - — MTCEMAJ
  - — NOTISDEV

  The valid entries for a TOPS equal access office are as follows:
  - — SNAC
  - — MTCE
  - — MTCEMIN
  - — MTCEMAJ
  - — NOTISDEV
  - — SUSFRAUD
  - — CNCREDIT

  The valid entries for a TOPS office with ACTS are as follows:
  - — SNAC
  - — MTCE
  - — MTCEMIN
  - — MTCEMAJ
  - — NOTISDEV
  - — SUSPCDC

Associated Tables

LOGCLASS LOGDEV TERMDEV TOPSDEV

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
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PRACTICE 297-1001-454
SECTION 423
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Operator Reporting Trouble Disposition
Table Record
Table Name: TOPSTRBL

FORM CODE 2806A 78 70

OFFICE _____

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ORIGINATOR _____

DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	T O P S T R B L	Table Name

COMMAND	TRBLCODE	DISPOSN	
0 0 0 1 2 3	0 0 5 6	0 0 1 1 1 1 1 1 1 1 1 1 2 2 8 9 0 1 2 3 4 5 6 7 8 9 0 1	

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

DIGITAL MULTIPLEX SYSTEM
TOPS
Operator Reporting Trouble Disposition
Table Record
Table Name: TOPSTRBL

PRACTICE 297-1001-454
SECTION 423
RELEASE ABO1

FORM CODE 28068 78 70

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COMMAND	TRBLCODE	DISPOSN	
0 0 0 1 2 3	0 0 5 6	0 0 1 1 1 1 1 8 9 0 1 2 3 4	

Y. TOPS Traffic Sampling Table Record – TRAFSAMP (Form 2870)

3.48 The table name is TRAFSAMP. It is used by the telephone company to sample calls that terminate at a TOPS position. The office must be equipped with the TOPS Enhanced Administration package. The call is recorded on AMA tape and calls are sampled on the basis of one out of "N" number of calls as determined by the telephone company. Different sampling ratios can be specified for weekdays, Saturday, and Sunday.

3.49 The valid entries for each field are as follows:

- **TRAFDAY** – The valid entries are WEEK (for weekday), SAT, or SUN.
- **FRACTION** – The valid entries are 0 to 32767. Enter a number N to indicate that every N^{th} call will be sampled.

Associated Tables

None

PRACTICE 297-1001-454
SECTION 433
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Traffic Sampling Table Record
Table Name: TRAFSAMP

FORM CODE 2870 (7 8 / 7 0)

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	T R A F S A M P Table Name

COMMAND	TRAFDAY	FRACTION
0 0 0 1 2 3	0 0 0 0 5 6 7 8	1 1 1 1 1 0 1 2 3 4

Z. TOPS Virtual Node Inventory Table Record – TOPSVNIN (Form 2768)

3.50 The table name is TOPSVNIN. It contains protocol and data-link information for external applications. At present, the only external application supported by this table is Automated Alternate Billing Service (AABS). Therefore, there is only one valid entry for each of the fields in this table.

3.51 The valid entry for each field is as follows:

- **INDEX** – Enter 1.
- **XAPLDATA** – The external application data field consists of the following subfield and its refinements:
  - — XAPPLN – Enter AABS.
  - — PROTOCOL – Enter TABS.
  - — DATALINK – Enter MPC.

Associated Tables

None

PRACTICE 297-1001-454
SECTION 486
RELEASE AA03

DIGITAL MULTIPLEX SYSTEM
TOPS Virtual Node Inventory
Table Record
Table Name: TOPSVNIN

FORM CODE 2768

OFFICE _____

PAGE ___ OF ___

ORIGINATOR _____

DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	T O P S V N I N Table Name

COMMAND	INDEX	XAPLDATA			
		XAPPLN	PROTOCOL	DATALINK	
0 0 0 1 2 3	0 5	0 0 0 1 0 7 8 9 0	1 1 1 1 1 1 1 1 1 2 3 4 5 6 7 8	2 2 2 2 2 2 2 2 0 1 2 3 4 5 6	2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

AA. TOPS Voice Link Member Table Record – VLMEM (Form 2737A-B)

3.52 The table name is VLMEM. It maps voice link terminations between the offices. This table is required in operator centralization configurations in both the host and remote offices.

3.53 The valid entries in each field are as follows:

- **VLKEY** – This field consists of the following two subfields:
  - OFCNAME – If this is the host office, the entry here would be the name of the remote office defined in table OCOFC. If this is the remote office, the entry here would be the name of the host office defined in table OCOFC.
  - OFCINDEX – The valid entries are 0 to 254. This is the unique number that refers to an actual trunk. It is an interoffice index and the entry will be the same number in both the host and remote offices.
- **VLGRP** – Enter the alphanumeric voice link group CLLI name associated with the office as defined in table TRKGRP. In a remote office, there is only one voice link group. In a host office, there is a voice link group per remote office.
- **VLEXTRK** – The valid entries are 0 to 9999. Enter the external trunk number assigned to the voice link.

Associated Tables

OCOFC TRKGRP OCGRP

DIGITAL MULTIPLEX SYSTEM
TOPS
Voice Link Member Table Record
Table Name VLMEM

PRACTICE 297-1001-454
SECTION 429
RELEASE ABO1

FORM CODE 2737A 78 70

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TAB VLMEM Table Name

COMMAND	VLKEY		VLGRP	VLEXTRK	
	OFCNAME	OFCINDEX			
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 0 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 2 2 2 3 4	2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	4 4 4 4 4 4 3 4 5 6 7	

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DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454 TOPS FORM CODE 27378
SECTION 429 Voice Link Member Table Record 7 8
RELEASE ABO1 Table Name VLMEM 7 0

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COMMAND	VLKEY		VLGRP	VLEXTRK	
	OFCNAME	OFCINDEX			
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 0 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 2 2 2 3 4	2 2 2 2 2 3 3 3 3 3 3 3 3 3 4 4 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	4 4 4 4 4 3 4 5 6 7	

AB. TOPS Services Table Record – SERVICES (Form 2857)

3.54 The table name is SERVICES. It indicates the protocol, the data link type, and the data base listing identifier for DA and Intercept services. Toll and Assist service is also indicated but there is no associated data to enter for this service. Presently, Intercept service data entry is not allowed.

3.55 The valid entries for each field are as follows:

- **INDEX** – The valid entries are 1-3. Enter a number that will be associated with one of the services and will be the key to this table.
- **SERVDATA** – This field consists of subfields that complete this table.
  - — SERVICE – The valid entries are TASERV, DASERV, or INTCSERV. The following subfields require entries only if DASERV is entered here.
  - — PROTOCOL – The valid entries are CCI, IBM, or LOCKHEED. Enter the protocol that the DA service is using to construct messages to a DA vendor.
  - — DATALINK – The only valid entry is MPC. This represents the data link type used to send messages to the DA vendor.
  - — LSDBID – The valid entries are 0-9999. This is the listing services data base identifier for the services provided.

Associated Tables

None

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

PRACTICE 297-1001-454
SECTION 483
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS SERVICES Table Record
Table Name: SERVICES

FORM CODE 2857

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

0001 2 3	0000 5 6 7 8 9 0 1 1 1 2
TAB	SERVICES

Table Name

COMMAND 0001 2 3	INDEX 0 5	SERVDATA				* leave blank 3335 5 6 7 8 9 0 1 2 3 4 4 4 4 4 4 4 4 4 4 5 6 7 8 9 0
		TASERV	*			
		DASERV 0007 7 8 9 0 1 1 1 1 1 2 3 4	PROTOCOL 1111 6 7 8 9 0 2 2 2 2 1 2 3	DATALINK 2222 5 6 7 8	LSDBID 3333 0 1 2 3	

AC. Voice Response Options Table Record – VROPT (Form 2858)

3.56 The table name is VROPT. It contains parameters required by external voice response units. The form consists of two fields: PARM and VALUE. The valid entries and parameter descriptions are listed below.

PARAMETER	VALUE	DESCRIPTION
SWITCH_ID	0-15	Identifies the switch to the DAS. The default is 0.
BCS_ID	0-255	Identifies the BCS to the DAS. The default is 25.
PRIMARY_LANGUAGE	ENGLISH or FRENCH	Defines the primary language for voice response announcements. The default is ENGLISH.
SECONDARY_LANGUAGE	ENGLISH or FRENCH	Defines the secondary language for intercept announcements. The default is ENGLISH.
LOGINOUT_TIMEOUT	0-60	The time, in seconds, that the DMS switch will wait for DAS to respond after a POS STATUS message is sent to DAS for login or logout. The default is 5.
AUTO_INT_TIMEOUT	0-60	The time, in seconds, that the DMS switch will wait for DAS to respond after a CALL BEGIN message is sent to DAS to initiate an auto intercept call. The default is 5.
FLOAT_INT_TIMEOUT	0-60	The time, in seconds, that the DMS switch will wait for DAS to respond with data-base search results the DMS has received a CALL FLOAT message from DAS. The default is 5.
BEGIN_ANN_TIMEOUT	0-60	The time, in seconds, that the DMS switch will wait for DAS to begin the announcement once an ARU CONNECT message has been sent to DAS. The default is 5.

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See proprietary restrictions on title page.

PARAMETER	VALUE	DESCRIPTION
POST_ANN_TIMEOUT	0-60	The time, in seconds, that the subscriber must remain off-hook after announcement to connect to an operator. The default is 5.
MAXIMUM_DA_RECALLS	0-15	Specifies the number of post-announcement DA recalls. The default is 2.
MAXIMUM_INT_RECALLS	0-15	Specifies the number of post-announcement INT recalls. The default is 2.
DACC_BILL_TO_THIRD	Y or N	Specifies whether to make an offer for Automatic DA Call Completion (ADACC) service to calls that are billed to a third number. The default is N.

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DIGITAL MULTIPLEX SYSTEM
Voice Response Option
Table Record
Table Name: VROPT

PRACTICE 297-1001-454
SECTION 483
RELEASE AA02

FORM CODE 2858 78 70

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2
T A B	V R O P T

Table Name

COMMAND	PARM	VALUE	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3	2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 5 6 7 8 9 0 1 2 3 4 5 6 7 8	4 4 4 4 4 4 4 4 4 4 5 0 1 2 3 4 5 6 7 8 9 0

AD. Voice Service Node Alarms Table Record – VSNALARM (Form 2773)

3.57 The table name is VSNALARM. It identifies alarms that are sent to maintenance personnel via a Voice Service Node (VSN) informing them of abnormal conditions.

3.58 The valid entries for each field are as follows:

- **ALMCODE** – The valid entries are 0 to 255. It identifies the alarm code sent in the Maintenance Notice message sent by the VSN. Refer to the VSN vendor documentation for details on the error condition associated with each alarm code.
- **SEVERITY** – The valid entries are as follows:
  - — CR – Critical
  - — MJ – Major
  - — MN – Minor
  - — NA – No alarm.
- **ALMTEXT** – The valid entry is 1 to 17 characters containing explanatory text for each alarm code.

Associated Table

SFWALARM

DIGITAL MULTIPLEX SYSTEM
Voice Service Node Alarms
Table Record
Table Name: VSNALARM

PRACTICE 297-1001-454
SECTION 488
RELEASE AA02

FORM CODE 2773 78 70

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3 | 0 0 0 0 0 0 1 1 1 1 2 5 6 7 8 9 0 1 2

T A B | V S N A L A R M | Table Name

COMMAND 0 0 0 1 2 3	ALMCODE 0 0 0 5 6 7	SEVERITY 0 1 9 0	ALMTEXT 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8	3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0

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See proprietary restrictions on title page.

AE. Voice Service Node Member Table Record – VSNMEMBR (Form 2769A-B)

3.59 The table name is VSNMEMBR. It associates each voice link with a specific VSN.

3.60 The valid entries for each field are as follows:

- **VSNMEM** – The valid entries are 0 to 9999. This entry represents the trunk member number.
- **VSNNUM** – The valid entries are 0 to 15. This entry defines the VSN link set number that is connected to the trunk member.

Associated Table

MPCLSET

PRACTICE 297-1001-454
SECTION 486
RELEASE AA02

DIGITAL MULTIPLEX SYSTEM
Voice Service Node
Table Record
Table Name: VSNMEMBR

FORM CODE 2769A
7 8
7 0

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ____ ____ ____

0 0 0	0 0 0 0 0 1 1 1	
1 2 3	5 6 7 8 9 0 1 2	
T A B	V S N M E M B R	Table Name

COMMAND	VSNMEM	VSNNUM	
0 0 0	0 0 0 0	1 1	1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6
1 2 3	5 6 7 8	0 1	3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8

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PRACTICE 297-1001-454
SECTION 486
RELEASE AA02

DIGITAL MULTIPLEX SYSTEM
Voice Service Node
Table Record
Table Name: VSNMEMBR

FORM CODE 27698
7 8
7 0

OFFICE _____

PAGE ___ OF ___

ORIGINATOR _____

DATE ISSUED ___ ___ ___

COMMAND	VSNMEM	VSNNUM
0 0 0 1 2 3	0 0 0 0 5 6 7 8	1 1 0 1

AF. Voice Service Node Options Table Record – VSNOPT (Form 2771)

3.61 The table name is VSNOPT. It specifies the parameters required by the VSN for each external application. The form consists of two fields: PARM and VALUE. The valid entries and parameter descriptions are listed below.

PARAMETER	VALUE	DESCRIPTION
ONHOOK_RECOVERY_TIMER	1-20	The time, in seconds, the DMS switch will wait for a message from the VSN indicating that the call should be aborted after all parties have gone on-hook. The default is 5.
OPR_SIMULATED_OUTPULSING	Y or N	Specifies whether the simulated outpulsing tone and delayed restoration of the billed party's speech path are in effect when the operator keys START on 0+ calls presented to the operator with a forward connection already established. This parameter also applies to keying sequence KP SPL + START and SPL VFY for calls with a 3rd party connected. The default is Y.
OPR_0PLUS_3RD_DISPLAY	1-6 characters	Specifies the operator screen display for third number billed calls without a forward connection that are routed to the operator after partial handling by the VSN. The display can be specified by the telephone company and is limited to six characters. The default is 0+3RD.
OPR_0PLUS_COL_DISPLAY	1-6 characters	Specifies the operator screen display for a collect billed call without a forward connection that is routed to the operator after partial handling by the VSN. The display can be specified by the telephone company and is limited to six characters. The default is 0+COL.

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PARAMETER	VALUE	DESCRIPTION
OPR_0PLUS_3RDCON_DISPLAY	1-6 characters	Specifies the operator screen display for a third number billed call with a forward connection that is routed to the operator after partial handling by the VSN. The display can be specified by the telephone company and is limited to six characters. The default is 3RDCON.
OPR_0PLUS_CLDCON_DISPLAY	1-6 characters	Specifies the operator screen display for a collect billed call with a forward connection that is routed to the operator after partial handling by the VSN. The display can be specified by the telephone company and is limited to six characters. The default is CLDCON.
SPL_SPL_BILLING_ALLOWED	Y or N	Specifies if billing to a 10-digit special number, also known as a QZ code, is allowed for AABS calls. The default is N.
VOICE_LINK_CLLI	alphanumeric	Identifies the voice link group CLLI code assigned to the voice links connecting the DMS switch and the VSN. This parameter indicates to the DMS switch which trunk group is used for connecting to all VSNs.

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DIGITAL MULTIPLEX SYSTEM
Voice Service Node Options
Table Record
Table Name: VSNOPT

PRACTICE 297-1001-454
SECTION 486
RELEASE AA02

FORM CODE 2771 78 70

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

001	000000111
123	567890012
TAB	VSNOPT

Table Name

COMMAND	PARM	VALUE	
001 123	000000111111111111222222222 567890123456789012345678	333333333344444444 012345678901234567	445 890

AG. Transfer Operator Selection Table Record – XFROPSEL (Form 2895)

3.62 The table name is XFROPSEL. It specifies the operator position to which incoming calls, except CAMA, are transferred.

3.63 The valid entries for each field are as follows:

- **CLLI** – Enter the alphanumeric CLLI code to identify the TOPS trunk group.
- **XFRTYPE** – The valid entries are XFR1 or XFR2. Enter XFR1 if the transfer one position is selected. Enter XFR2 if the transfer two position is selected.

Associated Tables

CLLI OFCENG

PRACTICE 297-1001-454
SECTION 470
RELEASE AA02

DIGITAL MULTIPLEX SYSTEM
Transfer Operator Selection
Table Record
Table Name: XFROPSEL

FORM CODE 2895 78 70

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	X F R O P S E L	Table Name

COMMAND	CLLI	XFR - - E
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 0 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 5 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0

AH. Calling Point Set Name Table Record – CLGSET (Form 2846A-B)

3.64 The table name is CLGSET. It defines a calling point set name used to validate Zenith numbers that the subscriber gives verbally to the operator. The name can be shared by numerous Zenith numbers.

3.65 The valid entries for each field are as follows:

- **CLGKEY** – Enter up to 16 alphanumeric characters to define a calling point set name to be associated with table ZENITH.
- **SNPA** – Enter the 3-digit Serving Numbering Plan Area (SNPA) of the calling party.
- **LCANAME** – Enter the 4-character alphanumeric local calling area name of the calling party as it was entered on tables TRKGRP and TOPSBC.
- **NXXAREA** – This field consists of subfield MORE and its refinements.
  - — MORE – The valid entries are Y or N. Enter Y if a list of up to 18 NXXs are to be validated. Otherwise, enter N and no further entries are required.
  - — NXX – Enter up to 18 NXXs associated with this CLGKEY.
  - —

CONTMARK • Enter + if the line containing NXX entries is to be continued on the next line. Enter **$** on the last line containing an NXX entry.

Associated Table

ZENITH

DIGITAL MULTIPLEX SYSTEM
TOPS
Zenith Calling Point Set Table Record
Table Name CLGSET

PRACTICE 297-1001-454
SECTION 441
RELEASE AB01

FORM CODE 2846A
7 8
7 0

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ____ ____ ____

0 0 0	0 0 0 0 0 1 1 1
1 2 3	5 6 7 8 9 0 1 2
T A B	C L G S E T

Table Name

COMMAND	CLGKEY	SNPA	LCANAME	NNXAREA MORE and Refinements									CONTMARK
				N	Leave Blank								
				Y	NNX	NNX	NNX	NNX	NNX	NNX	NNX	NNX	
0 0 0	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2	2 2 2	2 2 2 2	3	3 3 3	3 3 3	4 4 4	4 4 4	4 5 5	5 5 5	5 5 5	6 6 6	6
1 2 3	5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 3 4	6 7 8 9	1	3 4 5	7 8 9	1 2 3	5 6 7	9 0 1	3 4 5	7 8 9	1 2 3	5

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PRACTICE 297-1001-454
SECTION 441
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
Zenith Calling Point Set Table Record
Table Name CLGSET

FORM CODE 28468
7 8
7 0

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ____ ____ ____

COMMAND	CLGKEY	SNPA	LCANAME	NNXAREA MORE and Refinements									COMTMARK	
				N	Leave Blank									
				Y	NNX	NNX	NNX	NNX	NNX	NNX	NNX	NNX		
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 2 2 2 3 4	2 2 2 2 2 6 7 8 9	3 1	3 3 3 3 4 5	3 3 3 3 7 8 9	4 4 4 4 1 2 3	4 4 4 4 5 6 7	4 5 5 5 9 0 1	5 5 5 5 3 4 5	5 5 5 5 7 8 9	6 6 6 6 1 2 3	6 5	

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AI. Zenith Number Table Record – ZENITH (Form 2847A-B)

3.66 The table name is ZENITH. It is used to store 5-digit Zenith numbers and their associated calling point set names and forward destination directory numbers.

3.67 The valid entries for each field are as follows:

- **ZENKEY** – This field consists of subfields ZEN_NO and CLGKEY.
  - — ZEN_NO – The valid entries are 00000 to 99999. Enter the 5-digit Zenith number.
  - — CLGKEY – Enter up to 16 alphanumeric characters that specifies the calling point set name associated with this Zenith number.
- **FWD_DN** – The valid entry is SNPANXXXXXX. This is the 10-character forwarding directory number of the Zenith subscriber upon which the call will terminate.

Associated Table

CLGSET

DIGITAL MULTIPLEX SYSTEM
TOPS
ZENITH Number Table Record
Table Name ZENITH

PRACTICE 297-1001-454
SECTION 441
RELEASE ABO1

FORM CODE 2847A 7 8 7 0

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	Z E N I T H	Table Name

COMMAND	ZENKEY		FWDDN	
	ZEN-NO	CLGKEY		
0 0 0 1 2 3	0 0 0 0 0 5 6 7 8 9	1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6	2 2 3 3 3 3 3 3 3 3 8 9 0 1 2 3 4 5 6 7	

PRACTICE 297-1001-454
SECTION 441
RELEASE ABO1

DIGITAL MULTIPLEX SYSTEM
TOPS
ZENITH Number Table Record
Table Name ZENITH

FORM CODE 2847B 78 70

OFFICE _____

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ORIGINATOR _____

DATE ISSUED ___ ___ ___

COMMAND	ZENKEY		FWDDN	
	ZEN-NO	CLGKEY		
0 0 0 1 2 3	0 0 0 0 0 0 5 6 7 8 9	1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6	2 2 3 3 3 3 3 3 3 3 8 9 0 1 2 3 4 5 6 7	

4. SCREENING TABLES

4.01 This section covers "Screening" tables. Additional information may be found in NTP 297-2271-451. The tables are listed below in a suggested order of priority. The appropriate SECTION in the NTP where descriptive examples may be found is also listed.

TABLE	FORM	SECTION
DUAQOPT	2889	465
HOBICDEV	2888	465
NBECCODE	2906	493
RESTBIL	2831	458
RESTAMA	2832	458
SPLDNID	2805A-B	422
TOPEACAR	2892	467
SCRNNAME	2907	495
TOPEATRK	2156TE	630
TOPEATRM	2908	495
TOPSCOIN	2896	471
TOPSSN	2757A-B	492
TOPSSNCD	2758A-B	492

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A. Dial-Up Auto-Quote Office Parameter Table Record – DUAQOPT (Form 2889)

4.02 The table name is "DUAQOPT." This table stores office parameters for the TOPS Dial-Up Auto-Quote feature. An explanation of the valid entries for field OPTION follows.

DUAQ_ANS_WAIT – This is the maximum waiting time (in seconds) for receiving an answer from the DUAQ device.

DUAQ_CARR_WAIT – This is the maximum waiting time (in seconds) for receiving a carrier from the DUAQ device.

DUAQ_ACK_WAIT – This is the maximum waiting time (in seconds) for receiving acknowledgement from the DUAQ device.

DUAQ_REC_WAIT – This is the maximum waiting time (in seconds) for receiving acknowledgement of receipt after a DUAQ record is transmitted.

DUAQ_RETRY_WAIT – This is the maximum waiting time (in minutes) before retrying to connect. It relates to the failure of the DUAQ device to connect because of one of the following:

- No answer received
- No carrier received after answer, or
- No acknowledgement after carrier connect.

DUAQ_MAX_RETRIES – This is the maximum number of accumulated failures allowed for connection to the DUAQ device.

4.03 The valid entries for each field are shown below in tabular form:

FIELDS			
OPTION	**VALUE TYPE**	**VALUE**	**DEFAULT**
DUAQ_ANS_WAIT	ANS_WAIT_TYPE	12-60	60
DUAQ_CARR_WAIT	CARR_ACK_WAIT_TYPE	2-20	10
DUAQ_ACK_WAIT			15
DUAQ_REC_WAIT			10
DUAQ_RETRY_WAIT	RETRY_WAIT_TYPE	1-5	1
DUAQ_MAX_RETRIES	MAX_RETRIES_TYPE	1-6	6

Associated Tables

None

PRACTICE 297-1001-454
SECTION 465
RELEASE AA02

DIGITAL MULTIPLEX SYSTEM
Dial-Up Autoquote Office Parameter
Table Record
Table Name: DUAQOPT

FORM CODE 2889 78 70

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	D U A Q O P T

Table Name

COMMAND	OPTION	VALUE TYPE	VALUE	
0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	4 4 1 2	4 4 4 4 4 4 4 5 4 5 6 7 8 9 0

B. Hotel Billing Information Center Device Table Record – HOBICDEV (Form 2888)

4.04 The table name is "HOBICDEV." Hotel-related information is stored in this table.

4.05 The valid entries for each field are as follows:

- **DEVNO** – The valid entries are 0-10000. This number must be different from any number in table TOPSDEV. This field is the index into this table.
- **HOBDEVSEL** – The only valid entry is DUAQ.
- **HACR** – Enter the 3-character hotel acronym. The valid entries are A-Z and 0-9.
- **DEVDN** – Enter the 10-digit device directory number. The valid entries are 0-9.
- **MINHELD** – Enter the number of minutes the buffer is held before transmission begins. The valid entries are 1-10.
- **RECHELD** – Enter the number of records held in the buffer before transmission begins. The valid entries are 1-5.
- **LANG** – Enter E for English or F for French.
- **BAUD** – Enter the baud rate of the hotel device.
- **LC** – Enter the line control for form feeds and line feeds. The valid entries are FF, LF1, or LF17.

Associated Tables

TOPSDEV SPLDNID

DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454 Hotel Billing Information Center Device FORM CODE 2888
SECTION 465 Table Record 7 8
RELEASE AA02 Table Name: HOBICDEV 7 0

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	H O B I C D E V Table Name

COMMAND 0 0 0 1 2 3	DEVNC 0 0 0 0 0 5 6 7 8 9	HOBDEV-SEL 1 1 1 1 1 1 2 3 4	HACR 1 1 1 1 6 7 8	DEVDN 2 2 2 2 2 2 2 2 2 2 0 1 2 3 4 5 6 7 8 9	MINHELD 3 3 1 2	RECHELD 3 4	LANG 3 6	BAUD 3 3 4 4 4 8 9 0 1 2	CC 4 4 4 4 4 4 5 6 7	4 5 9 0

C. Non-Bell Exchange Company Codes Table Record – NBECCODE (Form 2906)

4.06 The table name is NBECCODE. It lists NBEC codes that are used for identifying non-Bell companies to the operating company that is providing them with toll and assist (TA), or directory assistance (DA), or both.

4.07 The valid entries for each field are as follows:

- **CLGDIGS** – Enter up to ten digits of the calling number beginning with the NPA.
- **NBEC** – Enter a Non-Bell Exchange Company code, which will uniquely identify the company to the switch. The valid entries are 1000-9999.

Associated Tables

BRANDANN BRANDOPT

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See proprietary restrictions on title page.

PRACTICE 297-1001-454
SECTION 493
RELEASE AA02

DIGITAL MULTIPLEX SYSTEM
Non-Bell Exchange Company Code
Table Record
Table Name: NBECCODE

FORM CODE 2906 78 70

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 0 1 1 1 1 5 6 7 8 9 0 1 2
T A B	N B E C C O D E

COMMAND	C L G D I G S	NBEC	
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 1 1 5 6 7 8 9 0 1 2 3 4	1 1 1 1 6 7 8 9	2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 5 5 5 1 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3

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D. Restricted Billing Table Record – RESTBIL (Form 2831)

4.08 The table name is RESTBIL. It is used to define up to 100 billing classes.

4.09 The valid entries for each field are as follows:

- **BILCLASS** – Enter a valid restricted billing class that is defined in table SPLDNID. The valid entries are 0 to 99.
- **AMARBC** – Enter the value to be recorded as the restricted billing class on AMA for TA calls. The valid entries are 0-100.
- **SCRNDISP** – Enter an arbitrary name to be displayed on the TOPS screen in the class of service field for a particular billing class. The valid entries are up to eight alphanumeric characters.
- **BILTYPES** – Enter a set of allowable billing types for a defined billing class. Use **"$"** to end the vector. The valid entries are

  PD – sent paid

  COL – collect (AUTOCOL)

  CC – calling credit card

  3RD – calling third-number billing

  SPLCLG – calling special billing

  SPLCLD – called special billing.

Associated Tables

SPLDNID RESTAMA

DIGITAL MULTIPLEX SYSTEM
TOPS
Restricted Billing Table Record
Table Name: RESTBIL

PRACTICE 297-1001-454
SECTION 458
RELEASE ACO1

FORM CODE 2831 78 70

OFFICE _____ PAGE ___ OF ___

ORIGINATOR _____ DATE ISSUED ___ ___ ___

000 123	000 0000 111 567 8901 2	
TAB	RESTBIL	Table Name

COMMAND 0001 23	BILCLASS 0005 67	AMARBC 0109 01	SCRNDISP 1113 1415 1617 1819 20	BILTYPES 2122 2324 2526 2728 2930 3132 3334 3536 3738 3940 4142 4344 4546 4748 4950 5152 5354

E. Restricted AMA Table Record – RESTAMA (Form 2832)

4.10 The table name is RESTAMA. This table allows the telephone company to select the entry on AMA in the calling class field for any billing class defined in table RESTBIL.

4.11 The valid entries for each field are as follows:

- **BILCLASS** – Enter the valid billing class that was previously defined in table RESTBIL. The valid entries are 0-99.
- **AMACLASS** – Enter the class of service to be output on AMA for the given billing class. The valid entries are NONCOIN, COIN, or HOTEL.

Associated Table

RESTBIL

DIGITAL MULTIPLEX SYSTEM
TDPS
Restricted AMA Table Record
Table Name: RESTAMA

PRACTICE 297-1001-454
SECTION 458
RELEASE ABO1

FORM CODE 2832 78 70

OFFICE _____

ORIGINATOR _____

PAGE ____ OF ____

DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	
T A B	R E S T A M A	Table Name

COMMAND	BILLCLASS	AMACLASS	
0 0 0 1 2 3	0 0 0 5 6 7	0 1 1 1 1 1 1 1 9 0 1 2 3 4 5 6	

F. Special Directory Number ID Table Record – SPLDNID (Form 2805A-B)

4.12 The table name is "SPLDNID." It contains a list of directory numbers that have one of the following special teletype services:

- **AQTAC** – Auto-Quote Time and Charges – The teletypewriter is located on the subscriber's premises. It records chargeable calls.
- **AQHTL** – Auto-Quote Hotel – The teletypewriter is located on the hotel's premises. All chargeable and optionally non-chargeable calls from the hotel are recorded.
- **DUAQTAC** – Dial-Up Auto-Quote Time and Charges – The teletypewriter is located on the subscriber's premises. It records chargeable calls.
- **DUAQHTL** – Dial-Up Auto-Quote Hotel – The teletypewriter is located on the hotel's premises. All chargeable and optionally non-chargeable calls from the hotel are recorded.
- **VQHTL** – Voice Quote Hotel – The teletypewriter is located on the telephone company's premises. All chargeable and optionally non-chargeable calls are recorded. The hotel will receive a voice quotation of the charges.
- **COIN** – Coin Phone – May be a standard type of coin phone service or a special class, e.g., semi-coin.
- **RSTRCTD** – Restricted Billing Class – Up to 100 restricted billing classes may be defined by the telephone company on table RESTBIL.

4.13 The valid entries for each field are as follows:

- **SPLDN** – The special directory number. Enter the 10-digit calling number or define a range of 10-digit numbers of the hotel or business for which the calls are to be recorded. A range of 10-digit numbers may be banded. See NTP 297-2271-451 Section 422 for a more complete description of banding.
- **SPLSEL** – This field consists of the following subfields:
  - SEL – Enter the type of device associated with the special directory number. The valid entries are:
    a. AQTAC – Auto-Quote Time and Charge TTY
    b. AQHTL – Auto-Quote Hotel TTY
    c. DUAQTAC – Dial-Up Auto-Quote Time and Charge TTY
    d. DUAQHTL – Dial-Up Auto-Quote Hotel TTY
    e. VQHTL – Voice Quote Hotel TTY
    f. COIN – Coin Phone
    g. RSTRCTD – Restricted billing class defined in table RESTBIL.

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— Refinements – The subfields are entered as follows:

a. If the SEL entry is AQTAC or AQHTL, the valid entries are 1-9999 in subfield AQ_NUM. This is the TTY associated with this SPLDN. It is the index into table TOPSDEV.

b. If the SEL entry is DUAQTAC or DUAQHTL, the valid entries are 1-9999 in subfield DUAQ_NUM. This is the TTY associated with this SPLDN. It is the index into table HOBICDEV.

c. If the SEL entry is VQHTL, AQHTL, or DUAQHTL, the valid entries are Y or N in subfield NC. Enter Y if no-charge calls are to be recorded. Otherwise, enter N.

d. If the SEL entry is RSTRCTD, the valid entry in subfield RBILCLAS is the restricted billing class 0-100 as defined on table RESTBIL.

e. If the SEL entry is COIN, the following subfields require entries as follows:

<1> Enter the LC_TYPE in subfield 2. Enter STD if the Coin Type is standard and the associated standard schedule name and ratestep will be used in table LCLRS. Enter SPL if the Coin Type is special and the associated non-standard schedule name and ratestep will be used in table LCLRS.

<2> In subfield 3 (ACTS_COMPATIBLE), enter ACTS when the coin phone whose directory number is used to index the table is Automatic Coin Toll Service (ACTS) compatible. Otherwise, enter NOACTS.

<3> In subfield 4 (RESCOIN), enter Y if the coin line is restricted. Otherwise, enter N. The default value is N.

<4> In subfield RBILCLAS, the valid entries are 0-100. If the entry in subfield RESCOIN is N, enter 100. If the entry in subfield RESCOIN is Y, enter a value between 0-99, which will be the index into table RESTBIL.

Associated Tables

RESTBIL LCLRS HOBICDEV TOPSDEV

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DIGITAL MULTIPLEX SYSTEM
TOPS
Special Security Number ID Table Record
Table Name: SPLDNID

PRACTICE 297-1001-454
SECTION 422
RELEASE AD01

FORM CODE 2805A
7 8
7 0

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0 0 0	0 0 0 0 0 1 1 1	
1 2 3	5 6 7 8 9 0 1 2	
T A B	S P L D N I D	Table Name

COMMAND	SPLDN	SPLSEL: SEL and Refinements				
		A Q T A C	AQ_NUM	*		Where:
		D U A Q T A C	DUAQ_NUM	*		* = Blank
		D U A Q H T L		NC	*	2 = LC_TYPE
		A Q H T L	AQ_NUM			3 = ACTS_COMPATIBLE
		V Q H T L	*			5 = RESCOIN
		R S T R C T D	*		RBIL-CLAS	
		C O I N	2	3	4	

0 0 0	0 0 0 0 0 1 1 1 1	1 1 1 1 2 2 2 2 2	2 2 2 2 3 3 3 3	3	3 3 3	
1 2 3	5 6 7 8 9 0 1 2 3 4	6 7 8 9 0 1 2 3 4	6 7 8 9 0 1 2 3	5	7 8 9	

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DIGITAL MULTIPLEX SYSTEM
TOPS
Special Security Number ID Table Record
Table Name: SPLDNID

PRACTICE 297-1001-454
SECTION 422
RELEASE ADO1

FORM CODE 28058 78 70

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

COMMAND	SPLDN	SPLSEL: SEL and Refinements						Where:
		AQTAC	AQ_NUM	*				* = Blank 2 = LC_TYPE 3 = ACTS_COMPATIBLE 5 = RESCOIN
		DUAQTAC	DUAQ_NUM	*				
		DUAQHTL			NC			
		AQHTL	AQ_NUM	*				
		VQHTL	*					
		RSTRCTD	*				RBIL-CLAS	
		COIN	2	3	4			
000 123	0000011111 5678901234	1111222222 6789012234	2222333335 6789012345				333 789	

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G. TOPS Equal Access Carrier Table Record – TOPEACAR (Form 2892)

4.14 The table name is TOPEACAR. It specifies whether operator services are provided for a certain carrier and defines the billing procedure for calls to that carrier.

4.15 The valid entries for each field are as follows:

- **CARDIG** – Enter the carrier access code. The valid entries are 000-999.
- **CARNAME** – Enter the carrier name as defined in table PICNAME. The default is NODATA.
- **ALTDISP** – Enter the name of the alternate carrier as defined in table PICNAME.
- **OPL(OPLSCLD)** – The valid entries are Y or N. Enter Y to ensure that the called digits (if collected) for all 0– interLATA calls transferred to a carrier are sent to that carrier. The default is N.
- **CAM(CAMABILL)** – The valid entries are Y or N. Enter Y to create billing records for non-operator-handled 1+ CAMA calls. The default is N.
- **ALTCARR** – Enter the alternate carrier access code(s). The valid entries are 000-999.
- **NATERM** – National Terminating Points Screening. Consists of two subfield that indicate if the carrier's ability to complete calls in the national dialing plan is restricted.
  - — NATERMSEL – The valid entries in this subfield are as follows:
    a. UNREST – Screening based on the terminating NPA or NPA-NXX is not required since the carrier can complete all national calls.
    b. DENY – Carrier cannot complete any nationally dialed calls. Therefore, terminating point screening is not performed.
    c. RESTRICT – Carrier can complete *some* national calls. Therefore, terminating point screening is required for national calls. The following subfield, NASCRN, only requires an entry when RESTRICT is entered here.
  - — NASCRN – Enter the screen name defined in table SCRNNAME.
- **INTERM** – International Terminating Points Screening. This field consists of two subfields that indicate if the carrier is restricted in its ability to complete calls dialed in the international dialing plan. The subfields are as follows:
  - — INTERMSEL – The valid entries in this subfield are as follows:
    a. UNREST – Screening based on the terminating NPA or NPA-NXX is not required since the carrier can complete all international calls.
    b. DENY – Carrier cannot complete any internationally dialed calls. Therefore, terminating point screening is not performed.
    c. RESTRICT – Carrier can complete *some* international calls. Therefore, terminating point screening is required for international calls. Subfield INSCRN only requires an entry if RESTRICT is entered here.

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— INSCRN – Enter the screen name defined in table SCRNNAME.

- **OPSERV** – The valid entries are SERV or NOSERV. Enter SERV to provide operator service for this carrier. Otherwise, enter NOSERV.

When NOSERV is entered in field OPSERV, only the following fields require entries:

- **ZEROALT** – The valid entries are Y or N. Enter Y to select an alternate carrier for 00, 10XXX0, and 10XXX00 calls. Otherwise, enter N.
- **BLK0MXFR** – The valid entries are Y or N. Enter Y if the carrier wants to block 0– calls that are transferred from a TOPS operator. Otherwise, enter N. This field only applies to carriers that are not provided with operator services by the telephone company.

When SERV is entered in field OPSERV, only the following fields require entries:

- **CCVQUERY** – Calling Card Validation Query.
  - — Enter QUERY to allow CCIS database queries.
  - — Enter NOQUERY to allow calling cards to be used and to disallow database queries.
  - — Enter BLK (the default value) to prohibit calling cards from being used.
- **1(CCVVAL)** – Calling Card Validation. The valid entries are Y or N. Enter Y if a message (MAN) instructing the operator to perform manual calling card validation should be displayed at the operator's position. The CCVQUERY field must be set to NOQUERY. The default value is N.
- **BNSQUERY** – Billing Number Service Query.
  - — Enter QUERY to allow third-number billing and database queries.
  - — Enter NOQUERY to allow third-number billing and to disallow database queries.
  - — Enter BLK (the default value) to prohibit third-number billing.
- **2(BNSVAL)** – Billing Number Service. The valid entries are Y or N. Enter Y if a message (MAN) instructing the operator to perform third-number billing validation should be displayed at the operator's position. The BNSQUERY field must be set to QUERY or NOQUERY. The default value is N.
- **COLQUERY** – Collect Query.
  - — Enter QUERY to allow collect number billing and database queries.
  - — Enter NOQUERY to allow collect number billing and to disallow database queries.
  - — Enter BLK (the default value) to prohibit collect number billing.

- **4(PUBRATE)** – Public Rating. The valid entries are Y or N. Enter Y if rating should be performed automatically for public lines (coin, hotel, non-coin) to this carrier. The default value is N.
- **5(PRIVATE)** – Private Rating. The valid entries are Y or N. Enter Y if rating should be performed automatically for this carrier's private lines. The default value is N.
- **6(AUTZPLUS)** – Automate Zero Plus. The valid entries are Y or N. Enter Y to indicate that 0+ calls to the Interexchange Carrier receive automated handling to enter and verify the calling card number. The Interexchange Carrier is specified in table CARNAME. The default value is N.

Associated Tables

PICNAME OFCVAR SCRNNAME CARNAME

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PRACTICE 297-1001-454
SECTION 467
RELEASE AC01

DIGITAL MULTIPLEX SYSTEM
TOPS Equal Access Carrier
Table Record
Table Name: TOPSEACAR

FORM CODE 2892
7 8
7 0

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ORIGINATOR _____

DATE ISSUED ____ ____ ____

0 0 0	0 0 0 0 0 1 1 1	Z = ZEROALT	3 = COLVAL	OPL = OPLSCLD
1 2 3	5 6 7 8 9 0 1 2	B = BLKOMXFR	4 = PUBRATE	CAM = CAMABILL
		1 = CCVVAL	5 = PRIVRATE	
T A B	T O P E A C A R	2 = BNSVAL	6 = AUTZPLUS	

COMM-AND	CAR-DIG	CARNAME	ALTDISP	OPL	CAM	ALT. CAPR	NATERM	+

INTERM	OPSERV and refinements												
	N O S E R V	Z	B										
	S E R V	CCVQUERY	1	BNSQUERY	2	COLQUERY	3	4	5	6			

0 0 0	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6
1 2 3	4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5

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4-19

H. Screening Name Table Record – SCRNNAME (Form 2907)

4.16 The table name is SCRNNAME. Screening class names must be identified in this table before they can be entered in tables TOPEACAR and TOPEATRM.

4.17 The valid entries for each field are as follows:

- **INDEX** – The valid entries are 0-255. This number is the key to the table.
- **SYMBOL** – Enter a screening name using up to 32 characters. A name of eight characters or less is recommended.

Associated Tables

TOPEACAR TOPEATRM

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DIGITAL MULTIPLEX SYSTEM
Screening Name Table Record

PRACTICE 297-1001-454
SECTION 495
RELEASE AA02

Table Name: SCRNNAME

FORM CODE 2907 78 70

OFFICE _____

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ORIGINATOR _____

DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	S C R N N A M E

COMMAND 0 0 0 1 2 3	INDEX 0 0 0 5 6 7	SYMBOL 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	4 4 4 4 4 4 4 4 4 5 5 5 2 3 4 5 6 7 8 9 0 1 2

I. TOPS Equal Access Trunk Group Extension Table Record – TOPEATRK (Form 2156TE)

4.18 The table name is TOPEATRK. It contains information used for routing interLATA calls when the DMS-200 switch includes the TOPS Equal Access software.

4.19 The valid entries for each field are as follows:

- **TRUNKGRP** – Enter the CLLI code assigned to the trunk group in table CLLI. It must also be defined in table TRKGRP.
- **ENDOFFICE** – Type of Originating End Office.
  - — Enter CONFORM to indicate that the end office is a conforming end office.
  - — Enter NCONFORM to indicate that the end office is a non-conforming end office.
  - — Enter NONE to indicate that this information is unknown or is not required.
- **CARRIER** – Carrier for all InterLATA Traffic. The valid entries are NNN or 000-999. Enter the 3-digit code that identifies the carrier where all interLATA traffic routes unless overwritten by the operator or by the entry in the DNLOOK field.
- **LATANM** – LATA Name. The valid entries are an alphanumeric LATA name used with the called digits as an index into table LATAXLA, or NILLATA if there is no entry in table LATAXLA for this tuple.
- **INTRASSC** – Intrastate Screening. If class of service screening is required for intrastate interLATA calls, enter the alphanumeric name of the class of service screening subtable where the screening will be performed. If class of service screening is not required, enter NSCR.
- **INTERSSC** – Interstate Screening. If class of service screening is required for interstate interLATA calls, enter the alphanumeric name of the class of service screening subtable where the screening will be performed. If class of service screening is not required, enter NSCR.
- **OVSSCL** – Overseas Call Class of Service Screening Table Name. If class of service screening is required for overseas calls, enter the alphanumeric name of the class of service screening subtable where the screening will be performed. If class of service screening is not required, enter NSCR.
- **SCRNIDX** – Class of Service Screening Table Index. The valid entries are 000-999. If class of service screening is required for interLATA and/or overseas calls, enter the Serving Translation Scheme NPA used with the class of service screening subtable name as an index into table CLSVSCRC.
- **DNLOOK** – Directory Number Lookup. The valid entries are Y or N. If the Directory Number Primary InterLATA Carrier (DNPIC) table should be searched for a particular DN

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to determine the carrier, enter Y. Otherwise, enter N (the default value).

- **DFLTPIC** – Default or Primary InterLATA Carrier. The valid entries are Y or N. Enter Y to associate a carrier with a 0– call. Enter N if the operator should obtain the carrier from the calling party.
- **BYPASS** – Bypass Telephone Company Operator Call Types. The valid entries in this field are as follows:
  - — HOTEL – routes all hotel calls to the carrier.
  - — ZEROM – routes all 0– calls to the carrier.
  - — **$** – indicates the end of the list. This is the default value.
  - — The field is left blank when the operators are not bypassed for hotel and 0– calls.

Associated Tables

TRKGRP LATAXLA LATANAME DNPIC SCRNNAME

PRACTICE 297-1001-454
SECTION 630
RELEASE AE02

DIGITAL MULTIPLEX SYSTEM
Equal Access Carrier Information for
Trunk Group Type TOPS Table Record
Table Name: TOPEATRK

FORM CODE 2156TE
7 8
7 0

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ____ ____ ____

0 0 0	0 0 0 0 0 1 1 1
1 2 3	5 6 7 8 9 0 1 2
T A B	T O P E A T R K

Table Name

COMMAND	TRUNKGRP	ENDOFFCE	CARRIER	LATANM	INTRASSC	INTERSSC	OVSSCL	SCRNIDX	DNLOOK	DFLTPIC	BYPASS
0 0 0	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	2 2 2 2 2 2 2 2 2 2	3 3 3	3 3 3 3 3 4 4 4	4 4 4 4	4 5 5 5	5 5 5 5	5 6 6	6 3	6 5	6 6 6 7 7 7 7 7 7 7
1 2 3	5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 3 4 5 6 7 8 9	1 2 3	5 6 7 8 9 0 1 2	4 5 6 7	9 0 1 2	4 5 6 7	9 0 1	3	5	7 8 9 0 1 2 3 4 5 6

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J. TOPS Equal Access Terminating Screening Table Record – TOPEATRM (Form 2908)

4.20 The table name is TOPEATRM. This screening table allows terminating points screening of TOPS calls designated for completion by an interexchange carrier. The valid entries for each field are as follows:

- **TERMKEY** – This field consists of the following two subfields:
  - — SCRNNAME – Enter the screen name defined in table SCRNNAME.
  - — CLDCODE – Enter a vector of up to 18 digits. This corresponds to a range of called numbers, typically an NPA, NPA-NXX, or country code.

Associated Tables

TOPEACAR SCRNNAME

DIGITAL MULTIPLEX SYSTEM
PRACTICE 297-1001-454 — TOPS Equal Access Terminating — FORM CODE 2908
SECTION 495 — Screening Table Record
RELEASE AA02 — Table Name: TOPEATRM

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	T O P E A T R M

Table Name

COMMAND	SCRNNAME	
0 0 0 1 2 3	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6	3 3 4 4 4 4 4 4 4 4 4 4 5 8 9 0 1 2 3 4 5 6 7 8 9 0

K. TOPS Coin Table Record – TOPSCOIN (Form 2896)

4.21 The table name is TOPSCOIN. It allows the telephone company to specify the delay between the reception of the last calling digit by the TOPS office and the transmission of coin signals by the TOPS office on 0+, 0–, and 1+ coin calls.

4.22 The valid entries for each field are as follows:

- **GRPKEY** – Enter the CLLI code assigned to the trunk group in table CLLI.
- **CNSDELAY** – The valid entries are 0-200 milliseconds in 10 millisecond increments. It specifies the delay between the reception of the last calling digit and the transmission of the coin signal.
- **PADSTAT0** – This field specifies the state in which the digitone keypad was left by the end office upon initial connection to the tandem office for Mechanized Calling Card Service (MCCS) and operator assisted 0+ and 0– coin calls. The valid entries are UNKNOWN, ENABLED, or DISABLED. The default value is UNKNOWN.
- **PADSTAT1** – This field specifies the state in which the digitone keypad was left by the end office upon initial connection to the tandem office for Automated Coin Toll Service (ACTS) or operator assisted 1+ coin calls. The valid entries are UNKNOWN, ENABLED, or DISABLED. The default value is UNKNOWN.
- **COINTYPE** – This field specifies the type of coin telephone that is serviced by the TOPS trunk specified in the GRPKEY field. The valid entries are as follows:
  - — CCF – for prepay coin first telephones.
  - — CDF – for prepay dial tone first telephones.
  - — CCFCDF – if both types of telephones are serviced by this trunk. This is the default value.
- **CCFCNRET** – The valid entries are Y or N. Enter Y if a coin return signal is sent upon termination of a 1-800 or 1-950 coin call. Otherwise, enter N (the default value).
- **PADSTATB** – This field indicates the state of the digitone keypad upon connection to the end office on 1-950 coin calls. The valid entries are UNKNOWN, ENABLED, or DISABLED. The default value is UNKNOWN.
- **PADSTAT8** – This field indicates the state of the digitone keypad upon connection to the end office on 1-800 coin calls. The valid entries are UNKNOWN, ENABLED, or DISABLED. The default value is UNKNOWN.

Associated Table

CLLI

PRACTICE 297-1001-454
SECTION 471
RELEASE AB02

DIGITAL MULTIPLEX SYSTEM
TOPS Coin
Table Record
Table Name: TOPSCOIN

FORM CODE 2896
7 8
7 0

OFFICE _____

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ORIGINATOR _____

DATE ISSUED ____ ____ ____

0 0 0	0 0 0 0 0 1 1 1
1 2 3	5 6 7 8 9 0 1 2
T A B	T O P S C O I N

Table Name

COMMAND	ORPKEY (CLLI)	CNSDELAY	PADSTATO	PADSTAT1	COINTYPE	CCFCNRET	PADSTATB	PADSTAT8	
0 0 0	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2	2 2 2	2 2 2 2 3 3 3 3	3 3 3 3 4 4 4	4 4 4 4 4 4	5	5 5 5 5 5 5 6	6 6 6 6 6 6 6	7 7 7 7
1 2 3	5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0	2 3 4	6 7 8 9 0 1 2 3	5 6 7 8 9 0 1 2	4 5 6 7 8 9	1	3 4 5 6 7 8 9 0	2 3 4 5 6 7 8 9	1 2 3 4

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

L. TOPS Mapping SNID to Service Number (SN) Table Record – TOPSSN (Form 2757A-B)

4.23 The table name is TOPSSN. It provides a mapping from a service number index (SNID) to a displayed or outpulsed service number (SN) and an alternid SNID, if appropriate.

4.24 The valid entries for each field are as follows:

- **KEY** – The valid entries are 1-9999. This represents the SNID used to select the applicable record in this table from table TOPSSNCD.
- **SN** – The valid entry is a string of up to 11 digits that is outpulsed to reach the service agency corresponding to this SNID.
- **ALTAREA** – This field consists of the following two subfields:
  - ALTTYPE – The valid entries in this subfield are as follows:
    a. NIL – Enter NIL when SN is to be outpulsed and there is no alternate SN.
    b. DISPLAY – Enter DISPLAY when SN is displayed without being outpulsed and there is an alternate SN entered in field SNID.
    c. OUTPULSE – Enter OUTPULSE when SN is outpulsed and there is an alternate SN entered in field SNID.
  - SNID – The valid entries are 1-9999. When DISPLAY or OUTPULSE is entered in subfield ALTTYPE, enter the SNID to identify the alternate SNID. If the entry in subfield is NIL, leave this field blank.

Associated Table

TOPSSNCD

DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454 TOPS Mapping SNID to Service Number (SN) FORM CODE 2757A
SECTION 492 Table Record 7 8
RELEASE AA02 Table Name: TOPSSN 7 0

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

0 0 0	0 0 0 0 0 1 1 1	
1 2 3	5 6 7 8 9 0 1 2	
T A B	T O P S S N	Table Name

C O M M A N D	KEY	SN	ALTAREA: ALTTYPE & Ref		
			N I L		
			D I S P L A Y	SNID	
			O U T P U L S E	SNID	
0 0 0	0 0 0 0	1 1 1 1 1 1 1 1 1 1 2	2 2 2 2 2 2 2 2	3 3 3 3	
1 2 3	5 6 7 8	0 1 2 3 4 5 6 7 8 9 0	2 3 4 5 6 7 8 9	1 2 3 4	

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DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454 TOPS Mapping SNID to Service Number (SN) FORM CODE 2757B
SECTION 492 Table Record 7 8
RELEASE AA02 Table Name: TOPSSN 7 0

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

COMMAND	KEY	SN	ALTAREA: ALTTYPE & Ref		
			NIL		
			DISPLAY	SNID	
			OUTPULSE	SNID	
0 0 0 1 2 3	0 0 0 0 5 6 7 8	1 1 1 1 1 1 1 1 1 1 2 0 1 2 3 4 5 6 7 8 9 0	2 2 2 2 2 2 2 2 2 2 2 3 4 5 6 7 8 9	3 3 3 3 1 2 3 4	

M. TOPS Mapping SNCD, NPA-NXX, and Locality Index to SNID Table Record – TOPSSNCD (Form 2758A-B)

4.25 The table name is TOPSSNCD. It provides a mapping of requested Service Number Code (SNCD), originator's NPA-NXX or equivalent, and originator's locality reference code (REFCD), if any, to the SNID into table TOPSSN.

4.26 The valid entries in each field are as follows:

- 3KEY – This field consists of the following three subfields:
  - — SNCD – Enter the 1-digit SNCD the TOPS operator keys in to identify the required service agency number to be outpulsed.
  - — DIGITS – Enter the originator's 6-digit NPA-NXX or equivalent.
  - — REFCD – When more than one service agency is available within the NXX area, enter a 2-digit code that identifies the service agency applicable to the originator of the call. Otherwise, enter **$**.
- **SNID** – The valid entries are 1-9999. Enter the SNID to identify the number that is outpulsed to reach the applicable service agency.

Associated Table

TOPSSN

DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454 TOPS Mapping SNCD, NPA-NXX and Locality Index to SNID Table Record — FORM CODE 2758A 78 70

SECTION 492

RELEASE AA02 — Table Name: TOPSSNCD

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ORIGINATOR _____ DATE ISSUED ____ ____ ____

000 123	00000111 56789012	
TAB	TOPSSNCD	Table Name

COMMAND 000 123	KEY			SNID 1112 7890	
	SNCD 05	DIGITS 0001111 7890123	REFCD 11 45		

DIGITAL MULTIPLEX SYSTEM

PRACTICE 297-1001-454 TOPS Mapping SNCD, NPA-NXX and Locality Index to SNID Table Record
SECTION 492
RELEASE AA02
Table Name: TOPSSNCD

FORM CODE 27588 78 70

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COMMAND	KEY			SNID	
	SNCD	DIGITS	RECD		
001 002 003	005	007 008 009 010 011 012	014 015	017 018 019 020	

5. ROUTING TABLES

5.01 This section covers "Routing" tables. Additional information may be found in NTP 297-2271-451. The tables are listed below in a suggested order of priority. The appropriate SECTION in the NTP where descriptive examples may be found is also listed.

TABLE	FORM	SECTION
AABSOST	2772A-B	487
BELLCAT	2830	457
PICNAME	2894	469
DNPIC	2893	468
DNLPIC	2903	468
OPRTRANS	2803	425
OSSCAT	2833	457
QUERYTYP	2855	475

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

A. AABS Originating Station Treatment Table Record – AABSOST (Form 2772A-B)

5.02 The table name is AABSOST. Automated Alternate Billing Service Originating Station Treatment (AABSOST) allows the telephone company to specify which TOPS trunks are eligible for Automated Alternate Billing Service (AABS).

5.03 The valid entries for each field are as follows:

- **CLLI** – Enter the CLLI code name of the TOPS trunk group.
- **PUBLIC** – This field consists of the following two subfields:
  - STAT – This subfield specifies whether AABS is provided for calls from public telephones using this trunk group. The valid entries are as follows:
    a. NOSERV – AABS is not provided.
    b. SERV – AABS is provided.
    c. BVCLOOK – A database query must be made to determine if AABS is provided.
  - OST – This subfield specifies the type of Originating Station Treatment (OST) to apply if AABS is provided. The valid entries are as follows:
    a. NOAABS – If subfield STAT entry is NOSERV, NOAABS must be entered here.
    b. TONE or TONEANN – If subfield STAT entry is SERV, TONE or TONEANN must be entered here.

    If subfield STAT entry is BVCLOOK, SERV, TONE or TONEANN must be entered here.
- **PRIVATE** – This field consists of the following two subfields:
  - STAT – This subfield specifies whether AABS is provided for calls from private telephones using this trunk group. The valid entries are as follows:
    a. NOSERV – AABS is not provided.
    b. SERV – AABS is provided.
    c. BVCLOOK – A database query must be made to determine if AABS is provided.
  - OST – This subfield specifies the type of OST to apply if AABS is provided. The valid entries are as follows:
    a. NOAABS – If subfield STAT entry is NOSERV, NOAABS must be entered here.
    b. TONE or TONEANN – If subfield STAT entry is SERV, TONE or TONEANN must be entered here.

    If subfield STAT entry is BVCLOOK, SERV, TONE or TONEANN must be entered here.

Associated Tables

CLLI TRKGRP

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

PRACTICE 297-1001-454
SECTION 487
RELEASE AA02

DIGITAL MULTIPLEX SYSTEM
AABS Originating Station Treatment
Table Record
Table Name: AABSOST

FORM CODE 2772A
7 8
7 0

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ____ ____ ____

0 0 0	0 0 0 0 0 1 1 1	
1 2 3	5 6 7 8 9 0 1 2	* = blank
T A B	A A B S O S T	Table Name

COMMAND	CLLI	PUBLIC		PRIVATE		*
		STAT	OST	STAT	OST	
0 0 0	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2	2 2 2 2 2 2 2	3 3 3 3 3 3 3	3 4 4 4 4 4 4	4 4 4 5 5 5 5	5 5 5 5 5 6 6 6 6 6 6 6
1 2 3	5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1	3 4 5 6 7 8 9	1 2 3 4 5 6 7	9 0 1 2 3 4 5	7 8 9 0 1 2 3	5 6 7 8 9 0 1 2 3 4 5 6

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY

See proprietary restrictions on title page.

PRACTICE 297-1001-454
SECTION 487
RELEASE AA02

DIGITAL MULTIPLEX SYSTEM
AABS Originating Station Treatment
Table Record
Table Name: AABSOST

FORM CODE 2772B
7 8
7 0

OFFICE _____

PAGE ____ OF ____

ORIGINATOR _____

DATE ISSUED ____ ____ ____

COMMAND	CLLI	PUBLIC		PRIVATE		*
		STAT	OST	STAT	OST	
01 02 03	05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21	23 24 25 26 27 28 29	31 32 33 34 35 36 37	39 40 41 42 43 44 45	47 48 49 50 51 52 53	55 56 57 58 59 60 61 62 63 64 65 66

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

B. BELLCAT (Form 2830)

5.04 The table name is BELLCAT. It allows the telephone company, upon receipt of a specified ANI ID digit over a TOPS trunk with BELL signaling, to define the following:

- The expected number of digits to be found in the ANI spill as determined by the entry in field FORMAT
- The method of determining the call origination type and the calling service feature as determined by the entry in field CLGSERV
- An optional route as determined by the entry in field ANIROUTE.

5.05 The BELL signaling protocol consists of the following three formats:

1. DP Called Number Format – KP digit + 7 or 10 CLD digits
2. MF Called Number Format – KP digit + 0, 7, or 10 CLD digits + CLD ST digit
3. MF ANI Spill Format – KP digit + ID digit + 7 CLG digits + CLG ST digit.

5.06 The valid entries for each field are as follows:

- **ID** – The valid entries are 0-9. Enter the ID digit found in the MF ANI spill outpulsed from the originating office to the end office.
- **FORMAT** – Enter one of the following codes to identify the number of digits expected in a valid format ANI spill.
  - — ANI – Enter ANI when an ANI ID digit, a 7-digit calling number, and an ST signal are expected. The call is marked as ANI SUCCESS.
  - — ANIID – Enter ANIID when an ANI ID digit and an ST signal are expected, no CLG number is expected, and operator identification of the CLG number is not required.
  - — ONI – Enter ONI when an ANI ID digit and an ST signal are expected and operator identification of the CLG number is required. The ANI status is set to ONI_CALL.
  - — ANIF – Enter ANIF when an ANI failure has been detected at the originating office and an ANI ID digit and an ST signal are expected. Operator identification of the CLG number is required.
  - — ANI-ANIF – Enter ANI_ANIF when at least an ANI ID and an ST signal are expected. If no CLG digits are received, an ANI failure has been identified by the originating office. If seven digits are received, the call is marked as ANI SUCCESS.
  - — ANI_ANIID – Enter ANI_ANIID when at least an ANI ID digit and an ST signal are expected. If no CLG digits are received, operator identification of the CLG number is not required. If seven digits are received, the call is marked as ANI SUCCESS.

- **CLGSERV** – Enter one of the following calling service features and call origination types.
  - — STATION – Enter STATION to indicate one of the following:
    a. The TOPS trunk group is combined or a CAMA tributary.
    b. The TOPS trunk group is DNLOOKUP in table TRKGRP.
  - — HOTEL – Enter HOTEL to indicate that the call origination is to be set by looking at the ST pulse. The TOPS trunk group is combined or a CAMA tributary.
  - — SPECIAL – Enter SPECIAL to indicate that the call origination is to be set by looking at the ST pulse. If the trunk group is combined, the calling service feature is to be set by using the calling number as an index into table SPLDNID.
  - — ALM – Enter ALM when the calling service feature is to be set to STATION regardless of the originating trunk group and the call origination is to be set to ALM.
  - — INTC – Enter INTC when the calling service feature is to be set to STATION regardless of the originating trunk group and the call origination is to be set to INTC.
  - — MOBILE – Enter MOBILE when the calling service feature is to be set to STATION regardless of the originating trunk group and the call origination is to be set to MOBILE.
  - — COIN – Enter COIN when the end office uses the ANI ID to signify a coin call and the call origination is to be set to COIN.
  - — BLDNINTC – Enter BLDNINTC when the calling service feature is set to STATION and the call origination is set to intercept. The intercept call type is set to Blank Number Intercept.
  - — TRBLINTC – Enter TRBLINTC when the calling service feature is set to STATION and the call origination is set to intercept. The intercept call type is set to Trouble or Special Intercept.
- **ANIROUTE** – This field consists of the following three subfields:
  - — SEL – The valid entries are N or T. Enter N when no route is specified in this table and any routes previously defined will remain in effect. Enter T when the route is to be chosen by another routing table defined in subfields TABID and KEY.
  - — TABID – The valid entries are TOPS, AOSS, or OFRT (route table names). If the subfield SEL entry is T, enter one of the route table names.
  - — KEY – The valid entries are 1-1023 or alphanumeric. When the entry in subfield TABID is OFRT, enter the route reference index of the route list in the table OFRT to which translation is routed. When the entry in subfield is TOPS or AOSS, enter a call type code defined in table TOPS or table AOSS, respectively.

Associated Tables

TOPS AOSS OFRT SPLDNID TRKGRP

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See proprietary restrictions on title page.

PRACTICE 297-1001-454
SECTION 457
RELEASE ACO1

DIGITAL MULTIPLEX SYSTEM
ANIID Mapping for TOPS Trunk Groups with BELL Signaling
Table Record
Table Name: BELLCAT

FORM CODE 2830 78 70

OFFICE _____ PAGE ___ OF ___

ORIGINATOR _____ DATE ISSUED ___ ___ ___

COMMAND	TABLE NAME
0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	B E L L C A T

COMMAND	ID	FORMAT	CLGSERV	ANIROUTE (ROUTEID and Refinements)		
				N	Leave Blank	
				T	TABID	KEY
0 0 0 1 2 3	0 5	0 0 0 1 1 1 1 1 1 1 7 8 9 0 1 2 3 4 5	1 1 1 2 2 2 2 2 7 8 9 0 1 2 3 4	2 6	2 2 3 3 8 9 0 1	3 3 3 3 3 3 3 3 3 4 5 6 7 8

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See proprietary restrictions on title page.

C. Primary InterLATA Carrier Name Table Record – PICNAME (Form 2894)

5.07 The table name is PICNAME. It lists the telephone company defined names of all the carriers serving the DMS switch.

5.08 The valid entry for the only field in this table is as follows:

- **PICNAME** – Enter the telephone company defined name of the carrier. This name should be previously defined in table OCCNAME.

Associated Tables

OCCNAME DNPIC DNLPIC

DIGITAL MULTIPLEX SYSTEM
Primary InterLATA Carrier Name
Table Record
Table Name: PICNAME

PRACTICE 297-1001-454
SECTION 469
RELEASE ACO1

FORM CODE 2894 78 70

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ORIGINATOR _____ DATE ISSUED ___ ___ ___

000 123	000000 11 567890 01	
TAB	PICNAME	Table Name

COMMAND	PICNAME	

000 123	000000 111111111112 567890123456789012	222222222233333333334444444444555 234567890123456789012345678901234567890

D. Directory Number Primary InterLATA Carrier Name Table Record – DNPIC (Form 2893)

5.09 The table name is DNPIC. It maps a directory number (DN) to a Primary InterLATA Carrier (PIC). It also specifies whether or not the subscriber is allowed to use 10XXX dialing and notes the names of interLATA Carriers that have denied service to the subscriber.

5.10 The valid entries for each field are as follows:

- **DNKEY** – Enter a 10-digit DN which consists of NPA-NXX-XXXX.
- **DNPIC** – Enter the carrier name as defined by the telephone company in table PICNAME.
- **CHOICE** – The valid entries are Y or N. Enter Y if the subscriber is allowed to use 10XXX dialing. Otherwise, enter N. Feature package NTX710AA (LEAS) is required for 10XXX dialing.
- **CTD** – Carrier Toll Denied. This field consists of the following two subfields:
  - CTDSEL – The valid entries are Y or N. Enter Y if one or more carriers have denied service to this subscriber. Otherwise, enter N.
  - CARRIERS – If the entry in subfield CTDSEL is Y, enter the names of up to three carriers that have denied service to this subscriber. If the TOPS office is equipped with software package NTXA24, up to 24 carrier names may be entered. If the entry in subfield CTDSEL is N, no entry is required here.

Associated Table

PICNAME

DIGITAL MULTIPLEX SYSTEM
Directory Number Primary InterLATA Carrier
Table Record
Table Name: DNPIC

PRACTICE 297-1001-454
SECTION 468
RELEASE AB01

FORM CODE 2893
7 8
7 0

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ORIGINATOR _____

DATE ISSUED ____ ____ ____

0 0 0	0 0 0 0 0
1 2 3	5 6 7 8 9
T A B	D N P I C

COMMAND	DNKEY				DNPIC	CHOICE	CTD selector and refinements			
	NPA	NXX	XX	XX			N	blank		
							Y	CARRIERS	$	
0 0 0	0 0 0	0 1 1	1 1	1 1	1 2 2 2 2 2 2 2 2 2	3	3	3 3 3 3 3 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 6 6 6 6	6	6 6 6 7 7 7 7 7
1 2 3	5 6 7	9 0 1	3 4	6 7	9 0 1 2 3 4 5 6 7 8	0	2	4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3	5	7 8 9 0 1 2 3 4 5

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See proprietary restrictions on title page.

E. Directory Number Primary IntraLATA Carrier Table Record – DNLPIC (Form 2903)

5.11 The table name is DNLPIC. It maps a DN to a Primary IntraLATA Carrier.

5.12 The valid entries for each field are as follows:

- **DNKEY** – Enter a 10-digit DN which consists of NPA-NXX-XXXX.
- **DNLPIC** – Enter a Primary IntraLATA carrier name as defined in table PICNAME.

Associated Table

PICNAME

PROPRIETARY – BELLCORE AND AUTHORIZED CLIENTS ONLY
See proprietary restrictions on title page.

PRACTICE 297-1001-454
SECTION 468
RELEASE AA02

DIGITAL MULTIPLEX SYSTEM
Directory Number Primary
IntraLATA Carrier Table Record
Table Name: DNLPIC

FORM CODE 2903 78 70

OFFICE _____

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ORIGINATOR _____

DATE ISSUED ___ ___ ___

0001 2 3	0000005 6 7 8 9 0
T A B	D N L P I C

Table Name

COMMAND	DNKEY				DNLPIC	
	NPA	NXX	XX	XX		
0001 2 3	0005 6 7	0091 0 1	1134	1167	1290 1 2 3 4 5 6 7 8	3301 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0

F. Operator Translations Table Record – OPRTRANS (Form 2803)

5.13 The table name is OPRTRANS. It is used during the translation of digits dialed by a TOPS operator for normal, verification, delay, MCCS, and overseas calls to define the following:

- The serving NPA
- If class of service screening is required, the class of service screening subtable name assigned to the TOPS operator
- If standard pretranslation is required, the standard pretranslator subtable name assigned to the TOPS operator.

5.14 The valid entries for each field are as follows:

- **KEY** – Enter one of the following call types originated from the TOPS position:
  - — OPERATOR
  - — SPLVFY
  - — VERIFY
  - — DELAY
  - — MCCS
  - — OVERSEAS.
- **SNPA** – Enter the 3-digit numeric serving NPA (SNPA) used for translating digits dialed by the operator.
- **SCRNCL** – If screening by class of service is required, enter the 4-character alphanumeric name of the class of service screening subtable.
- **PRTNM** – If standard pretranslation is required, enter the 4-character alphanumeric name of the standard pretranslator subtable assigned to the TOPS operator. If standard pretranslation is not required, enter NPRT.
- **LCANAME** – This field is not used. Enter NLCA to satisfy the table editor.

Associated Tables

STDPRTCT.STDPRT TRKGRP TOPSBC

DIGITAL MULTIPLEX SYSTEM
TOPS
Operator Translations Table Record
Table Name: OPRTRANS

PRACTICE 297-1001-454
SECTION 425
RELEASE A801

FORM CODE 2803 78 70

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ___ ___ ___

0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2					
T A B	O P R T R A N S	Table Name				
COMMAND	KEY	SNPA	SCRNCL	PRTNM	LCANAME	
0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2	1 1 1 4 5 6	1 1 2 2 8 9 0 1	2 2 2 2 3 4 5 6	2 2 3 3 8 9 0 1	

G. OSSCAT (Form 2833)

5.15 The table name is OSSCAT. After receiving a specified pair of ANI digits over a TOPS trunk with Operator Services Signaling (OSS), it allows the telephone company to define the following:

- The expected number of digits to be found in the ANI spill
- The method of determining the call origination type and the calling service feature
- An interLATA restriction option
- An optional route.

5.16 The valid entries for each field are as follows:

- **ANI** – The valid entries are 00-99. Enter the ID digits found in the MF ANI spill outpulsed from the originating office to the end office.
- **FORMAT** – Enter one of the following codes to identify the number of digits expected in a valid format ANI spill:
  - — ANI – Enter ANI when an ANI ID digit, a 7-digit calling number, and an ST signal are expected. The call is marked as ANI SUCCESS.
  - — ANIID – Enter ANIID when an ANI ID digit and an ST signal are expected, no CLG number is expected, and operator identification of the CLG number is not required.
  - — ONI – Enter ONI when an ANI ID digit and an ST signal are expected and operator identification of the CLG number is required. The ANI status is set to ONI_CALL.
  - — ANIF – Enter ANIF when an ANI failure has been detected at the originating office and an ANI ID digit and an ST signal are expected. Operator identification of the CLG number is required.
  - — ANI-ANIF – Enter ANI_ANIF when at least an ANI ID and an ST signal are expected. If no CLG digits are received, an ANI failure has been identified by the originating office. If seven digits are received, the call is marked as ANI SUCCESS.
  - — ANI_ANIID – Enter ANI_ANIID when at least an ANI ID digit and an ST signal are expected. If no CLG digits are received, operator identification of the CLG number is not required. If seven digits are received, the call is marked as ANI SUCCESS.
- **CLGSERV** – Enter one of the following calling service features and call origination types:
  - — STATION – Enter STATION to indicate one of the following:
    a. The TOPS trunk group is combined or a CAMA tributary.
    b. The TOPS trunk group is DNLOOKUP in table TRKGRP.
  - — HOTEL – Enter HOTEL to indicate that the call origination is to be set by looking at the ST pulse. The TOPS trunk group is combined or a CAMA tributary.

— SPECIAL – Enter SPECIAL to indicate that the call origination is to be set by looking at the ST pulse. If the trunk group is combined, the calling service feature is to be set by using the calling number as an index into table SPLDNID.

— ALM – Enter ALM when the calling service feature is to be set to STATION regardless of the originating trunk group and the call origination is to be set to ALM.

— INTC – Enter INTC when the calling service feature is to be set to STATION regardless of the originating trunk group and the call origination is to be set to INTC.

— MOBILE – Enter MOBILE when the calling service feature is to be set to STATION regardless of the originating trunk group and the call origination is to be set to MOBILE.

— COIN – Enter COIN when the end office uses the ANI ID to signify a coin call and the call origination is to be set to COIN.

— BLDNINTC – Enter BLDNINTC when the calling service feature is set to STATION and the call origination is set to intercept. The intercept call type is set to Blank Number Intercept.

— TRBLINTC – Enter TRBLINTC when the calling service feature is set to STATION and the call origination is set to intercept. The intercept call type is set to Trouble or Special Intercept.

- **REST** – Enter INTER if interLATA calls are restricted. Otherwise, enter NONE.
- **ROUTE** – This field consists of subfield ROUTEID and its refinements. The entries here will determine whether the call is sent to an operator's position or to an outgoing trunk. The valid entries in subfield ROUTEID and its sub-subfields are as follows:

  — ROUTEID – The entries in the sub-subfields are as follows:

  a. SEL – Enter N when no route is specified in this table and any previously defined routes are to remain in effect. The call is routed to an outgoing trunk and no further entries are made in this table. Enter T when the route is chosen by another routing table defined in the following two sub-subfields.

  b. TABID – Enter the route table name. The valid entries are TOPS, AOSS, or OFRT.

  c. KEY – The valid entries are 1-1023 or alphanumeric. When the entry in TABID is OFRT, enter the route reference index of the route list in table OFRT to which translation is to route. When the entry in TABID is TOPS or AOSS, enter a call type code as defined in table TOPS or table AOSS, respectively.

Associated Tables

TRKGRP SPLDNID TOPS AOSS OFRT

PRACTICE 297-1001-454
SECTION 457
RELEASE ACO1

DIGITAL MULTIPLEX SYSTEM
ANIID Mapping for TOPS Trunk Groups With OSS Table Record
Table Name: OSSCAT

FORM CODE 2833 78 70

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

COMMAND	TABLE NAME
0 0 0 1 2 3	0 0 0 0 0 1 1 1 5 6 7 8 9 0 1 2
T A B	O S S C A T

COMMAND	ANI	FORMAT	CLGSERV	REST	ROUTE (ROUTEID and Refinements)		
					N	Leave Blank	
					T	TABID	KEY
0 0 0 1 2 3	0 0 5 6	0 0 1 1 1 1 1 1 1 1 8 9 0 1 2 3 4 5 6	1 1 2 2 2 2 2 2 2 2 8 9 0 1 2 3 4 5	2 2 2 3 3 7 8 9 0 1	3 3	3 3 3 3 5 6 7 8	4 4 4 4 4 4 4 0 1 2 3 4 5

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H. Query Type Table Record – QUERYTYP (Form 2855)

5.17 The table name is QUERYTYP. It specifies whether a calling card validation (CCV) or a billing number screening (BNS) query is sent to a billing validation center (BVC) or to a line information database (LIDB).

5.18 The valid entries for each field are as follows:

- **BILLNUM** – The valid entry is a vector of up to seven digits. The billing number represents the NPA-NXX and cannot exceed seven digits.
- **QUERYNAM** – The entry here specifies the data base that serves the billing number. The valid entries are as follows:
  - — LIDB – Line Information Database
  - — BVC – Billing Validation Center
  - — SDB – Network Services Database
  - — MANUAL – Inward validation is required by the operator.
  - — BLK – When this table is indexed by an alternate billing number, alternate billing to this number is blocked.

DIGITAL MULTIPLEX SYSTEM
Query Type
Table Record
Table Name: QUERYTYP

PRACTICE 297-1001-454
SECTION 475
RELEASE AA04

FORM CODE 2855 78 70

OFFICE _____ PAGE ____ OF ____

ORIGINATOR _____ DATE ISSUED ____ ____ ____

000 123	000000111 567890123
TAB	QUERYTYP

COMMAND	BILLNUM	QUERYNAM	
000 123	000000111111111112222 567890123456789012345	222222 456789	333333333344444444445555 123456789012345678901234

6. OFFICE PARAMETER TABLES

6.01 Northern Telecom's *Translation Description Manual,* NTP 297-2271-350 contains a combined alphabetical listing of TOPS office parameters. Here, this Bellcore practice contains a separate alphabetical listing of parameters for each of the following tables:

- OFCENG
- OFCOPT
- OFCSTD
- OFCVAR

6.02 In addition to NTP 297-2271-350, NTP 297-1001-455 has been used as a reference for compiling the information on parameters that are applicable in a TOPS office.

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A. Table OFCENG (Form 2374A-H)

6.03 The following table lists the OFCENG parameters that require data for a TOPS office. Additional information may be found in NTP 297-1001-455 SECTION 030.

PARAMETER	ENTRY	DEFAULT
ACCS_MAX_QUERIES	0-255	2
ACCS_QUERY_TIMEOUT	1-5000	150
ACCSDB_RESPONSE_DELAY	0-255	1
AMA_FAILURE_FREE_CALL	Y or N	Y
COINDISPOSAL	BLIND_COLLECT, BLIND_RETURN, or IGNORE_COIN	IGNORE_COIN
DEF_AMR5_CAT_CODE	000-999	000
DEFAULT_CARRIER_OR_TREAT	C CARR or T TREAT	T DACD
DNPIC_MAX_NUM_DN_TUPLES	0-100	5
EA_OCS_AND_DP_OVLP_NEEDED	Y or N	Y
EA_OCS_DIGCOL_METHOD	NOAMBI, PFXALL, PFXAMB, or TIMING	NOAMBI
EA_OVERLAP_CARRIER_SELECTION	Y or N	N
INWATS_ON_AMA	Y or N	N
NO_OF_TRANSACTION_IDS	0-32767	64
NUM_OF_BC_AMA_UNITS	1-32767	100
OOC_NUM_RU		100
PLUS48V_OVERTIME_COIN_TEST	Y or N	N
TFAN_IN_MAX_NUMBER	SIZE_15, SIZE_31, SIZE_63, or SIZE_127	SIZE_15
TFAN_OUT_MAX_NUMBER	SIZE_15, SIZE_31, SIZE_63, or SIZE_127	SIZE_15
TOPS_ACCS_ACG	Y or N	N
TOPS_ACCS_ACG_SIZE	PRIME1, PRIME2, or PRIME3	PRIME1
TOPS_ACCS_BNS_BLK	Y or N	N
TOPS_ACCS_BNS_VFY	Y or N	N
TOPS_ACCS_CCV_QUERY_BLK	Y or N	Y
TOPS_ACCS_MANUAL_VALIDATION	ALL or PUBLIC	PUBLIC
TOPS_ACTS	Y or N	N
TOPS_ASST_POS	0-126	0
TOPS_BRAND_DISPLAY	DISPLAY_WHEN_BRANDED, or DISPLAY_WHEN_NO_BRANDED	DISPLAY_WHEN_BRANDED
TOPS_BRAND_INWARDS	Y or N	N
TOPS_BRAND_OFFICE	OPERATOR, MCCS, ACTS, AABS, ALL, or NONE	NONE

PARAMETER	ENTRY	DEFAULT
TOPS_CALLS_WAITING_Q_SIZE	0-32767	0
TOPS_DM_HIT_TIME	0-256	0
TOPS_EA_INTERLATA_NONOPR_AMA	Y or N	N
TOPS_FIXED_DURATION_APS	Y or N	N
TOPS_GEN_AMA_SET	NONE, COIN, HOTEL, STATION or RESTRICT	NONE
TOPS_LAB_ENVIRONMENT	TOPS or OOC	TOPS
TOPS_MAX_OPERATOR_NUM	0-3099	0
TOPS_MAX_ORIG_RATE_CENTER	0-255	0
TOPS_MAX_TERM_RATE_CENTER	0-255	0
TOPS_MFADS_PERIOD	MFADS_15_MIN or or MFADS_30_MIN	MFADS_30_MIN
TOPS_NETWORK_NUMBER_NEEDED		
TOPS_NIGHT_ALARM_ON_POS_BUSY	Y or N	N
TOPS_NUM_CAMA_RU	100 minus no. of TOPS trk. grp. members	100
TOPS_NUM_OF_MEMO_PADS	1-900	1
TOPS_NUM_RU	100 minus no. of TOPS trk. grp. members	100
TOPS_NUM_STUDY_REG	0-900	0
TOPS_NUM_TRAFFIC_OFFICES	0-32767	0
TOPS_OC_ENVIRONMENT	HOST or REMOTE	HOST
TOPS_OC_REMOTE_BVC	Y or N	N
TOPS_OFFICE_TYPE		
TOPS_THRESHOLD	0-100	0
TOPS_TRANSFER_TYPES	DA, XFR1, XFR2, or NONE	NONE
TOPS_0PLUS_LOCAL	NONE, COIN, HOTEL, STATION or RESTRICT	NONE
ZERO_MINUS_TO_CARRIER	Y or N	N

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B. Table OFCOPT (Form 2373A-C)

6.04 The following table lists the OFCOPT parameters that require data for a TOPS office. Additional information may be found in NTP 297-1001-455 SECTION 016.

PARAMETER	ENTRY	DEFAULT
AMA_EQUIPPED	Y or N	N
EXPANDED_INBAND_PERMITTED	Y or N	N
TOPS_EQUAL_ACCESS_OFFICE	Y or N	N
TOPS_MCCS_BNS	Y or N	N
TOPS_MCCS_CCV	Y or N	N
TOPS_PO_PB_CHARS	Y or N	N
TOPS_SEL_XFR_OPR_TRK	Y or N	N
TOPS_SUPPRESS_CW	Y or N	N

C. Table OFCSTD (Form 2372A-D)

6.05 The following table lists the OFCSTD parameters that require data for a TOPS office. Additional information may be found in NTP 297-1001-455 SECTION 013.

PARAMETER	ENTRY	DEFAULT
EA_REC_MAX_WK_TIME	1-255	150
EA_REC_SUB_PRE_WK_TIME	1-255	150
EA_REC_1ST_PRE_WK_TIME	1-255	150
OFFICETYPE	OFFCOMBTOPS or OFF200TOPS	NOOFFICE
RONIXFR	LOCAL or REMOTE	LOCAL

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D. Table OFCVAR (Form 2375A-D)

6.06 The following table lists the OFCVAR parameters that require data for a TOPS office. Additional information may be found in NTP 297-1001-455 SECTION 037.

PARAMETER	ENTRY	DEFAULT
AMA_FAILURE_ROUTE_POSITION	POSITION	AMAFAIL
ASCS_MONITOR_DELAY	0-3600	30
ASCS_NOALARM_THRESHOLD	0-1200	2
ASCS_NOSEND_THRESHOLD	0-1200	60
ASCS_ROUTE_INDEX	0-1023	0
ASCS_TRUNK_TIMEOUT	0-3600	60
CAMA_SUSP_CALL_ALLOWED	ALL, CS_CAMA, CS_COIN CS_HOTEL, or NONE	NONE
EA_TEST_CALL_SPILL	2 Information digits + 3-digit NPA + 7-digit calling number	950005551212
MCCS_SEQ_CALL_LIM	0-127	127
RECORD_CLG_NPA_NXX	TOPS_AND_CAMA_REC TOPS_REC, CAMA_REC, or DEFAULT_REC	DEFAULT_REC
TEST_CALL_II_SPILL	15-digit test call billing number	(none)
TOPS_AGS	10-80	10
TOPS_CALL_WAITING_SEARCH_DEPTH	0 to the value in parameter TOPS_CALLS_WAITING_Q_SIZE in table OFCENG	10
TOPS_CLD_TIME_AND_CHG_NO_ACTS	Y or N	N
TOPS_CROSS_TEAM_ROUTING	Y or N	N
TOPS_DISPLAY_AWT	Y or N	N
TOPS_DISPLAY_MON	Y or N	N
TOPS_DISPLAY_ST	Y or N	N
TOPS_DUMP_STUDY_REG	Y or N	N
TOPS_EA_DNPC_LOG_GENERATION	ALL, TOPS_LEAS_ONLY	ALL
TOPS_EA_PROCESS_T_SEL	Y or N	N
TOPS_FGB_CC134	Y or N	N
TOPS_HOLD_LOCAL	Y or N	N
TOPS_MAN_DATABASE_ORIG	Y or N	N
TOPS_MAN_DATABASE_ORIG_DISPLAY		MANUAL
TOPS_MFADS_OUTPUT_XFR_NUMBER	Y or N	N
TOPS_MFADS_POLLING_ID	15 or 30 (mins.)	(blank)
TOPS_OOS_CHK_ON	Y or N	N
TOPS_OTC_CARRIER_NUMBER	000-999	000
TOPS_PASSWORD_ENABLE	Y or N	N

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PARAMETER	ENTRY	DEFAULT
TOPS_START_OF_DAY	0-2359	0
TOPS_STATSPAC_PERIOD	15 or 30	15
TOPS_STATSPAC_POLLING_ID	A0-Z9 or 00	00 (invalid)
TOPS_TAC_RECALL	Y or N	N
TOPS_TANDEMED_411_CC009	Y or N	N
TOPS_THIRD_BILL_ACC_REQD_SET	STATION, HOTEL, COIN, RESTCOIN, RESTNCN, or NONE	NONE
TOPS_VERIFICATION_BARGE_IN	BARGE_IN, MONITOR or SCRAMBLE	MONITOR
TOPS_ZERO_FB_REG	Y or N	N
TOPS_411_RECORD_NPA_IN_AMA	Y or N	N

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7. TABLE REFERENCE LIST

7.01 This section contains an alphabetical listing of each table covered in this practice along with its associated form number and the section in NTP 297-2271-451 where its data-entry information may be found.

NAME	FORM	CATEGORY	NTP SECTION
AABSOST	2772A-B	ROUTING	487
BELLCAT	2830	ROUTING	457
BRANDANN	2904	ADMIN	493
BRANDOPT	2905	ADMIN	493
CHARGE	2740A-B	RATING	407
CHGMAP	2745A-B	RATING	407
CITYMAP	2732A-B	RATING	416
CITYNUM	2731	RATING	416
CITYZONE	2733A-B	RATING	416
CLASSDEF	2845A-B	ADMIN	439
CLASSNAM	2844	ADMIN	439
CLDNPA	2715A-B	RATING	401
CLDNPAEX	2714A-B	RATING	401
CLGSET	2846A-B	ADMIN	441
CLGTRF	2710A-B	RATING	401
COUNTRY	2716A-B	RATING	411
DABILL	2839A-B	RATING	484
DACCLRS	2778A-B	RATING	484
DACCSUR	2840	RATING	484
DARSTBIL	2902	RATING	484
DATRKOPT	2838A-B	RATING	484
DCOUNT	2735A-B	RATING	406
DELAYOP	2814	ADMIN	424
DNLPIC	2903	ROUTING	468
DNPIC	2893	ROUTING	468
DUAQOPT	2889	SCREENING	465
EBAFTKPH	2776A-B	ADMIN	490
FXDNMAP	2883	ADMIN	462
HOBICDEV	2888	SCREENING	465

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NAME	FORM	CATEGORY	NTP SECTION
HOLDAY	2760	RATING	404
HOLTRT	2761A-B	RATING	404
LCLRS	2717A-B	RATING	401
MILES	2725	RATING	403
MINCHG	2775	RATING	415
NBECCODE	2906	SCREENING	493
OCGRP	2736A-B	ADMIN	417
OCHOST	2739	ADMIN	418
OCOFC	2734	ADMIN	417
OFCENG	2374A-H	OFC PARMS	(See NTP
OFCOPT	2373A-C	OFC PARMS	297-1001-455
OFCSTD	2372A-D	OFC PARMS	for data-entry
OFCVAR	2375A-D	OFC PARMS	information)
OGTMPKEY	2822A-B	ADMIN	421
OGTSPKEY	2821	ADMIN	421
OPRDAT	2820A-B	ADMIN	419
OPRTRANS	2803	ROUTING	425
ORIGRC	2726A-B	RATING	428
OSSCAT	2833	ROUTING	457
OVSRS	2718A-B	RATING	411
PICNAME	2894	ROUTING	469
PTP	2728A-B	RATING	428
QTTIDX	2825	ADMIN	438
QT0-QT5	2826A-AB	ADMIN	438
QUERYTYP	2855	ROUTING	475
RBKMAP	2751A-B	RATING	405
RBKSET	2750A-B	RATING	405
RBKSET Worksheet	2750W	RATING	405
RESTAMA	2832	SCREENING	458
RESTBIL	2831	SCREENING	458
ROUND	2790	RATING	409
SCHED	2730A-B	RATING	401
SCHUM	2700A-B	RATING	401

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NAME	FORM	CATEGORY	NTP SECTION
SCRNNAME	2907	SCREENING	495
SERVICES	2857	ADMIN	483
SPLDNID	2805A-B	SCREENING	422
SUR	2770A-B	RATING	408
TARIFF	2705A-B	RATING	401
TAXES	2780A-B	RATING	409
TAXMAP	2781A-B	RATING	409
TERMRC	2727A-B	RATING	428
TMZONE	2765A-B	RATING	412
TOPEACAR	2892	SCREENING	467
TOPEATRK	2156TE	SCREENING	630
TOPEATRM	2908	SCREENING	495
TOPS	2813A-B	ADMIN	426
TOPSACTS	2882	ADMIN	461
TOPSAMA	2850	ADMIN	442
TOPSBC	2815A-B	ADMIN	435
TOPSCOIN	2896	SCREENING	471
TOPSDEV	2802A-B	ADMIN	420
TOPSDISP	2841	ADMIN	437
TOPSENTC	2816	RATING	436
TOPSPOS	2800A-B	ADMIN	420
TOPSQAGE	2779	ADMIN	491
TOPSSN	2757A-B	SCREENING	492
TOPSSNCD	2758A-B	SCREENING	492
TOPSTRBL	2806A-B	ADMIN	423
TOPSVNIN	2768	ADMIN	486
TRAFSAMP	2870	ADMIN	433
VH	2720	RATING	402
VH Worksheet	2721W	RATING	402
VLMEM	2737A-B	ADMIN	429
VROPT	2858	ADMIN	483
VSNALARM	2773	ADMIN	488
VSNMEMBR	2769A-B	ADMIN	486
VSNOPT	2771	ADMIN	486
XFROPSEL	2895	ADMIN	470
ZENITH	2847A-B	ADMIN	441

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