CIRCUIT AND PRIMING INFORMATION SELECTION
FOR MASTER TEST FRAME
NO. 5 CROSSBAR OFFICES

1. GENERAL

1.01 This section describes the various methods of selecting certain circuits and priming information for test purposes when these methods vary according to the issue of the master test control circuit SD-25800-01, the automatic monitor, register, and sender test circuit SD-25680-01, and the test circuit for register and CAMA sender circuits SD-25988-01.

1.02 The reasons for reissuing this section are listed below. Since this reissue is a general revision, no revision arrows have been used to denote significant changes.

(a) To show the apparatus figures and wiring options provided for the various methods of selecting circuits and priming information.

(b) To combine incoming and transfer register selection under one heading.

(c) To expand selection of certain circuits and priming information to include operation of additional keys and/or switches in offices arranged for Electronic Translation System (ETS).

(d) To add procedure for selection of overflow links.

(e) To delete subclass of test under priming information selection. BSP sections making

reference to subclass of test should utilize the tables under incoming class of call in this section.

(f) To expand junctor subgroup selection for line link frames to include junctor sequence 3, 4, and 5.

(g) To add procedure for selection of transfer line link frame vertical.

(h) To make minor changes as required.

1.03 This section is to be used in conjunction with certain tests in Bell System Practices in the 218 division. These test practices will refer to this section in Part 1, with a note in Part 3 or 4 and certain action statements within the tests. The action statements will call for the selection of a particular circuit or certain priming information but will not give any key operations or switch settings. For example:

(1) Select marker to be tested.

(2) Select class of service and/or rate treatment as required.

This section will then be used to provide the key operation and/or switch setting required to select the desired circuit or priming information.

1.04 Under each heading of Parts 2 and 3, two or more methods of selecting a circuit or priming information are given. Each method is denoted by a square (□) indicating apparatus figures and/or wiring options providing that method and may consist of one or more steps. For each master test frame, only *one method is correct.* The correct method can be determined by a physical

inspection of the keys and switches provided, or by checking office records for figures and options provided. A record of this determination should be kept by checking the appropriate square.

1.05 Under Incoming Class of Call, for each method, refer to tables that provide the key operation and/or switch settings required. For each master test frame, *only one method is correct.* The correct method can be determined by referring to office records for options provided and checking the options listed with each table.

1.06 The following are two examples of the use of this section:

(a) Circuit selection or priming information.

(1) Refer to the desired circuit or priming information in Part 2 or 3.

(2) Perform the indicated steps for the method determined according to paragraph 1.04.

(b) Selection of class and translator indications for incoming class of call.

(1) Refer to the appropriate table as determined according to paragraph 1.05.

(2) Locate the desired class of call.

(3) Locate the desired translator indication that is associated with the selected incoming class of call.

(4) Operate keys and/or set switches that are on the same row as the selected translator indication.

2. CIRCUIT SELECTION

MARKERS

To select a particular DT, COMB., or CM marker and job records specify:

□ App. Fig. 19, Option ZUX—

Operate MT (0-9) key to select marker 0-9.

□ App. Fig. 21, Option ZUX—

Operate MT (0-11) key to select marker 0-11.

☐ App. Fig. 52—

Set MT (0-11) switch to select marker 0-11.

☐ App. Fig. 81, Option ZUZ—

(1a) Set MTU (0-9) switch to select marker 0-9.

(1b) Operate MTT1 key and set MTU (0-1) switch to select marker 10-11.

☐ App. Fig. 21, Option ZUY—

(1a) Operate MT (0-9) key to select marker 0-9.

(1b) Operate MT (10) key and MT (0-7) key to select marker 10-17.

☐ App. Fig. 81, Option ZTA—

(1a) Set MTU (0-9) switch to select marker 0-9.

(1b) Operate MTT1 key and set MTU (0-7) switch to select marker 10-17.

POSITIONS

A. CAMA

To select a particular CAMA position and job records specify:

☐ App. Fig. 53 or 54—

Operate SEL POS key and set POS (0-9) switch to select CAMA position 0-9.

☐ App. Fig. 82—

Operate SEL POS key and set POSU (0-9) switch to select CAMA position 0-9.

To set up a connection to a simulated CAMA position (test position) and job records specify:

☐ App. Fig. 53 or 54—

Leave SEL POS/ANY POS key in normal or TST POS and set POS (0-9) switch to any position 0-9.

☐ App. Fig. 82—

Leave SEL POS/ANY POS key normal and set POSU (0-9) switch to any position 0-9.

B. Centrex

To select a particular centrex position and job records specify:

☐ App. Fig. 54—

Operate SEL POS key and set POS (0-19) switch to select centrex position 0-19.

☐ App. Fig. 82—

   (1a) Operate SEL POS key and set POSU (0-9) switch to select centrex position 0-9.

   (1b) Operate SEL POS, PST1 keys and set POSU (0-9) switch to select position 10-19.

PRETRANSLATORS

A. Originating Register

To select a particular pretranslator and job records specify:

☐ App. Fig. 21—

Operate MT (0-2) key to select pretranslator 0-2.

☐ App. Fig. 52—

Set MT (0-2) switch to select pretranslator 0-2.

☐ App. Fig. 81—

Set MTU (0-2) switch to select pretranslator 0-2.

B. IDDD Originating Register

To select a particular pretranslator and job records specify:

☐ App. Fig. 21, Option ZRC—

Operate MT (3-4) key to select pretranslator 0-1.

☐ App. Fig. 52, Option ZRF—

Set MT (3-4) switch to select pretranslator 0-1.

☐ App. Fig. 81, Option ZRH—

Set MTU (3-4) switch to select pretranslator 0-1.

C. Incoming Register

To select a particular pretranslator and job records specify:

☐ App. Fig. 21, Option ZRO—

Operate MT (5-7) key to select pretranslator 0-2.

☐ App. Fig. 52, Option ZRM—

Set MT (5-7) switch to select pretranslator 0-2.

☐ App. Fig. 81, Option ZRQ—

Set MTU (5-7) switch to select pretranslator 0-2.

REGISTERS

A. Incoming and Transfer Registers

Tests Using Automatic Monitor, Register, and Sender Test Circuit:

To select a particular incoming or transfer register and job records specify:

☐ App. Fig. J and 23—

(1) Operate IG (0-14) key to select incoming or transfer register group 0-14.

(2) Operate SRS (0-9) key to select incoming or transfer register 0-9 within selected group.

☐ App. Fig. K and 42—

(1) Set IRG SEL (0-14) switch to select incoming or transfer register group 0-14.

(2) Set SRS (0-9) switch to select incoming or transfer register 0-9 within selected group.

☐ App. Fig. AG and 42—

(1a) Set IRG SEL (0-9) switch to select incoming or transfer register group 0-9.

(1b) Operate IRGT key and set IRG SEL (0-4) switch to select incoming or transfer register group 10-14.

(2) Set SRS (0-9) switch to select incoming or transfer register 0-9 within selected group.

Tests Using Test Circuit for Register and CAMA Sender Circuits

To select a particular incoming or transfer register and job records specify:

☐ App. Fig. 1, Option ZS—

(1) Set IRG (0-14) switch to select incoming or transfer register group 0-14.

(2) Set 1R (0-9) switch to select incoming or transfer register 0-9 within selected group.

☐ App. Fig. 1, Option ZT—

(1a) Set IRG (0-9) switch to select incoming or transfer register group 0-9.

(1b) Operate IRGT key and set IRG (0-4) switch to select incoming or transfer register group 10-14.

(2) Set 1R (0-9) switch to select incoming or transfer register 0-9 within selected group.

B.   Originating Register Groups

Method of Selecting Originating Register Group—Test of Originating Registers

To select a particular originating register group and job records specify:

REGISTER GROUP	☐ App. Fig. 50, Option G	☐ App. Fig. 124
	OPERATE KEY	SET RG SWITCH
DP	None	DP
MF	MF	MF
R0	RT0	RT0
R1	RT1	RT1
R2	RT2	RT2
R3	RT3	RT3

Method of Selecting Originating Register Group—Test of all Circuits Except Originating Register

> *Note:*   When selecting an originating register group, determine a line link frame location having access to the register group being selected from recorded information in the following methods: line link frame (LLF); vertical group (VG); and variable pattern (VP), vertical group (VG), and line link frame (LLF).

☐ Selected by line link frame (LLF)

To select a particular originating register group and job records specify:

*For LLF Numbers		
	☐ App. Fig. 50, Option G	☐ App. Fig. 124
REGISTER GROUP	OPERATE KEY	SET RG SWITCH
DP	None	DP
MF	MF	MF
R0	RT0	RT0
R1	RT1	RT1
R2	RT2	RT2
R3	RT3	RT3

*Where originating register group selection is determined by line link frame number, record on this line the frame so arranged. Obtain this information from office records.

☐ Selected by vertical group (VG)

To select a particular originating register group and job records specify:

*For VG Numbers †For LLF Numbers		☐ App. Fig. 50, Option G	☐ App. Fig. 124
REGISTER GROUP		OPERATE KEY	SET RG SWITCH
DP MF		MLF	MLF

*Where originating register group selection is determined by the line link frame vertical group number, record on this line the numbers of the vertical groups so arranged. Obtain this information from office records.

†Record on this line the numbers of the line link frames arranged for originating register group selection by vertical group number. Obtain this information from office records.

☐ Selected by variable pattern (VP), vertical group (VG), and line link frame (LLF)*

To select a particular originating register group and job records specify:

REGISTER GROUP	VARIABLE PATTERN	☐ Fig. 50 Option G	☐ Fig. 124
		OPERATE KEY	SET RG SWITCH
DP MF R0	VP0	MLF, RT0	VP0
R1	VP1	MLF, RT1	VP1
R2 R3	VP2	MLF, RT2	VP2

	VP0										VP1										VP2									
VERT GR NO.	0	1	2	3	4	5	6	7	8/9	10/11	0	1	2	3	4	5	6	7	8/9	10/11	0	1	2	3	4	5	6	7	8/9	10/11
REG GR																														
LLF																														
UNITS / **TENS**	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																														

Note: The table is completed by entering the register group designations (DP, MF, R0, etc) for each vertical group. An (X) is entered to indicate the line link frame number. This procedure is completed for VP0, VP1, and VP2.

* Where originating register group selection is determined by variable pattern, vertical group number, and line link frame number, complete the table from office records to serve as a permanent record of originating register group assignment.

C. Originating Registers

To select a particular originating register and job records specify:

☐ App. Fig. U, Option KX—

   (1) Operate FG0/FG1 key to select trunk link frame group 0-1.

   (2) Operate FS (0-9) key to select trunk link frame 0-9 within selected group.

   (3) Operate TS (0-19) key to select originating register 0-19 on selected frame.

   (4) If ETS provided—operate PTS key.

☐ App. Fig. 79, Option KX—

   (1) Operate FG0/FG1/FG2 key to select trunk link frame group 0-2.

   (2) Operate FS (0-9) key to select trunk link frame 0-9 within selected group.

   (3) Operate TS (0-19) key to select originating register 0-19 on selected frame.

   (4) If ETS provided—operate PTS key.

☐ App. Fig. 80, Option JF—

   (1) Operate FG1/FG2 key to select trunk link frame group 0-2.

   (2) Set FS (0-9) switch to select trunk link frame within selected group.

   (3a) Set TSU (0-9) switch to select originating register 0-9 on selected frame.

   (3b) Operate TST1 key and set TSU (0-9) switch to select originating register 10-19 on selected frame.

(4) If ETS provided—operate PTS key.

SENDERS

A. CAMA Senders

To select a particular CAMA sender and job records specify:

☐ App. Fig. 43 or 63, 8 or 63—

    (1) Operate OSS key.

    (2) Set SG (0-3) switch to select CAMA sender group 0-3.

    (3) Operate SGA/SGB key to select CAMA sender subgroup A or B within selected group.

    (4) Operate OS (0-4) key to select CAMA sender 0-4 within selected subgroup.

☐ App. Fig. 85 and 84—

    (1) Operate OSS key.

    (2) Set SGU (0-3) switch to select CAMA sender group 0-3.

    (3) Operate SGA/SGB key to select CAMA sender subgroup A or B within selected group.

    (4) Set OS (0-4) switch to select CAMA sender 0-4 within selected subgroup.

B. Intermarker Group Senders

To select a particular intermarker group sender and job records specify:

☐ App. Fig. 8 or 83—

    (1) Operate OSS key.

    (2) Operate SGA/SGB key to select intermarker group sender subgroup A or B within selected group.

    (3) Operate OS (0-4) key to select intermarker group sender 0-4 within selected subgroup.

☐ App. Fig. 84—

    (1) Operate OSS key.

    (2) Operate SGA/SGB key to select intermarker group sender subgroup A or B within selected group.

    (3) Set OS (0-4) switch to select intermarker group sender 0-4 within selected subgroup.

C. Outgoing Senders (Including LLP)

Tests Using Automatic Monitor, Register, and Sender Test Circuit

To select a particular outgoing sender and job records specify:

☐ SD-25800-01 App. Fig. 8 or 35 and 83—

☐ SD-25680-01 App. Fig. G and 67—

   (1) Operate OSS key.

   (2) Operate SGA/SGB key to select outgoing sender subgroup A or B within selected group.

   (3) Operate OS (0-4) key to select outgoing sender 0-4 within selected subgroup.

   (4) Operate SG (0-10) key to correspond to selected sender group 0-10.

   (5) Operate SGT key to select sender group 11.

☐ SD-25800-01 App. Fig. 84—

☐ SD-25680-01 App. Fig. G and 67—

   (1) Operate OSS key.

   (2) Operate SGA/SGB key to select outgoing sender subgroup A or B within selected group.

   (3) Set OS (0-4) switch to select outgoing sender 0-4 within selected subgroup.

   (4) Operate SG (0-10) key to correspond to selected sender group 0-10.

   (5) Operate SGT key to select sender group 11.

☐ SD-25800-01 App. Fig. 8 or 35 and 83—

☐ SD-25680-01 App. Fig. H and 67—

   (1) Operate OSS key.

   (2) Operate SGA/SGB key to select outgoing sender subgroup A or B within selected group.

   (3) Operate OS (0-4) key to select outgoing sender 0-4 within selected subgroup.

   (4) Set SG SEL (0-10) switch to correspond to selected sender group 0-10.

   (5) Operate SGT key to select sender group 11.

☐ SD-25800-01 App. Fig. 84—

☐ SD-25680-01 App. Fig. H and 67—

   (1) Operate OSS key.

(2) Operate SGA/SGB key to select outgoing sender subgroup A or B within selected group.

(3) Set OS (0-4) switch to select outgoing sender 0-4 within selected subgroup.

(4) Set SG SEL (0-10) switch to correspond to selected sender group 0-10.

(5) Operate SGT key to select sender group 11.

Tests Using Sender Test Set

To select a particular outgoing sender and job records specify:

☐ App. Fig. 8 or 83—

(1) Operate OSS key.

(2) Operate SGA/SGB key to select outgoing sender subgroup A or B within selected group.

(3) Operate OS (0-4) key to select outgoing sender 0-4 within selected subgroup.

☐ App. Fig. 84—

(1) Operate OSS key.

(2) Operate SGA/SGB key to select outgoing sender subgroup A or B within selected group.

(3) Set OS (0-4) switch to select outgoing sender 0-4 within selected subgroup.

D. AIS Senders (Without LLP)

Tests Using Automatic Monitor, Register, and Sender Test Circuit

To select a particular AIS sender and job records specify:

☐ SD-25680-01 App. Fig. G and 67—

(1) Operate AIS key.

(2) Set AIS (0-2) switch to select sender 0-2 within selected group.

(3) Operate SG (0-10) key to select sender group 0-10.

(4) Operate SGT key to select sender group 11.

☐ SD-25680-01 App. Fig. H and 67—

(1) Operate AIS key.

(2) Set AIS (0-2) switch to select sender 0-2 within selected group.

(3) Set SG SEL (0-10) switch to select sender group 0-10.

(4) Operate SGT key to select sender group 11.

Tests Using Sender Test Set

To select a particular AIS sender:

☐ (1) Operate AIS key.

(2) Set AIS (0-2) switch to select sender 0-2 within selected group.

SENDER GROUP (LINE VERIFICATION TESTS ONLY)

To select a particular sender group when performing line verification tests and job records specify:

☐ App. Fig. 63—

Set SG (0-11) switch to select sender group 0-11.

☐ App. Fig. 85—

(1) Set SGU (0-9) switch to select sender group 0-9.

(1b) Operate SGT1 key and set SGU (0-1) switch to select units digit for sender group 10 or 11.

TRANSFER TRUNK GROUP

To select a particular transfer trunk group and job records specify:

	☐ App. Fig. 50, Option G	☐ App. Fig. 124
TRANSFER TRUNK GROUP	**OPERATE KEY**	**SET RG SWITCH**
MF	MF	MF
R0	RT0	RT0
R1	RT1	RT1
R2	RT2	RT2
R3	RT3	RT3

TRANSVERTERS

To select a particular transverter and job records specify:

☐ App. Fig. 19—

Operate MT (0-4) key to select transverter 0-4.

☐ App. Fig. 21—

Operate MT (0-9) key to select transverter 0-9.

☐ App. Fig. 52—

Set MT (0-9) switch to select transverter 0-9.

☐ App. Fig. 81—

Set MTU (0-9) switch to select transverter 0-9.

TRUNKS AND JUNCTORS

A. Outgoing, Etc (On Trunk Link Frame)

To select a particular outgoing trunk and job records specify:

☐ App. Fig. U and 9, Option KX—

(1) Operate FG0/FG1 key to select trunk link frame group 0-1.

(2) Operate FS (0-9) key to select trunk link frame 0-9 within selected group.

(3) Operate TS (0-19) key to select trunk 0-19 on selected frame.

(4a) If ETS provided without flexible trunk block assignment, operate PTS key.

(4b) If ETS provided with flexible trunk block assignment, operate PTS key and set TB-RA (0-9) switch to select trunk block 0-9.

☐ App. Fig. 79 and 9, Option KX—

(1a) Operate FG0/FG1/FG2 key to select trunk link frame group 1-2.

(1b) FG0/FG1/FG2 key nonoperated to select trunk link frame group 0.

(2) Operate FS (0-9) key to select trunk link frame 0-9 within selected group.

(3) Operate TS (0-19) key to select trunk 0-19 on selected frame.

(4a) If ETS provided without flexible trunk block assignment, operate PTS key.

(4a) If ETS provided with flexible trunk block assignment, operate PTS key and set TB-RA (0-9) switch to select trunk block 0-9.

☐ App. Fig. 80 and 9, Option JF—

(1a) Operate FG1/FG2 key to select trunk link frame group 1-2.

(1b) FG1/FG2 key nonoperated to select trunk link frame group 0.

(2) Set FS (0-9) switch to select trunk link frame within selected group.

(3a) Set TSU (0-9) switch to select trunk 0-9 on selected frame.

(3b) Operate TST1 key and set TSU (0-9) switch to select trunk 10-19 on selected frame.

(4a) If ETS provided without flexible trunk block assignment, operate PTS key.

(4b) If ETS provided with flexible trunk block assignment, operate PTS key and set TB-RA (0-9) switch to select trunk block 0-9.

B. Overflow Links

To select a particular overflow link:

(1) Select trunk link frame where overflow link appears. See trunk link frame selection in this section.

(2) Select channel. (Trunk switch vertical where overflow link appears.) See channel selection in this section.

(3) Operate TS (0-19) key or set TSU (0-9) switch and operate TST1 key to select S(0-19) relay associated with overflow link.

(4) Select route advance. See route advance selection in this section.

C. Transfer Trunks

To select a particular transfer trunk and job records specify:

☐ App. Fig. U, 9 Option KX—

(1a) Operate FG0 and FS(0-4)* keys to select *transfer trunk link frame 0.*

(1b) Operate FG0 and FS(5-9)† keys to select *transfer trunk link frame 1.*

(1c) Operate FG1 and FS(0-4)* keys to select *transfer trunk link frame 2.*

(1d) Operate FG1 and FS(5-9)† keys to select *transfer trunk link frame 3.*

(2) Operate TS(0-9) key to select trunk in selected trunk block.

(3) If ETS provided, operate PTS key.

☐ App. Fig. 79, 9 Option KX—

(1a) Operate FS(0-4)* key to select *transfer trunk link frame 0.*

(1b) Operate FS(5-9)† key to select *transfer trunk link frame 1.*

(1c) Operate FG1 and FS(0-4)* keys to select *transfer trunk link frame 2.*

(1d) Operate FG1 and FS(5-9)† keys to select *transfer trunk link frame 3.*

(2) Operate TS (0-9) key to select trunk in selected trunk block.

(3) If ETS provided, operate PTS key.

☐ App. Fig. 80, 9 Option JF—

(1a) Set FS(0-4)* switch to select *transfer trunk link frame 0.*

(1b) Set FS(5-9)† switch to select *transfer trunk link frame 1.*

(1c) Operate FG1 key and set FS(0-4)* switch to select *transfer trunk link frame 2.*

(1d)   Operate FG1 key and set FS(5-9)† switch to select **transfer trunk link frame 3.**

(2) Set TSU (0-9) switch to select trunk in selected trunk block.

(3) If ETS provided, operate PTS key.

*FS (0-4) selects trunk blocks (0-4).

†FS (5-9) selects trunk blocks (0-4).

3.   PRIMING INFORMATION SELECTION

AUXILIARY ORIGINATING TRANSLATOR INDICATION

To select auxiliary originating translation and job records specify:

AUXILIARY ORIGINATING TRANSLATOR INDICATION	☐ OPTION ZWX, ZWM	☐ FIG. 134 OPT. ZWN
	OPERATE KEY	SET P SWITCH
PD	PD	PD
PS	PS	PS
PK	NONE	PK
PK1		PK1

CHANNEL

To select a particular channel and job records specify:

☐ Option FS or FT—

Operate CH (0-9) key to select channel 0-9.

☐ Option JF—

Set CH (0-9) switch to select channel 0-9.

CLASS

A.   Class of Service

30 Classes Provided

To select class of service and job records specify:

☐ Option ZLR, JH—

(1) Operate CST (0-2) key to select class-of-service tens digit 0-2.

(2) Operate CSU (0-9) key to select class-of-service units digits 0-9.

(3) If ETS provided, operate PCS key.

60 Classes Provided

To select class of service and job records specify:

☐ Options ZLR, JH, RF—

(1a) Operate CST (0-2) key to select class-of-service tens digit 0-2 in class group A.

(1b) Operate CGB and CST (0-2) keys to select class-of-service tens digit 0-2 in class group B.

(2) Operate CSU (0-9) key to select class-of-service units digit 0-9.

(3) If ETS provided, operate PCS key.

☐ Options ZLR, JH, RH—

(1a) Operate CSGA and CST (0-2) keys to select class-of-service tens digit 0-2 in class group A.

(1b) Operate CSGB and CST (0-2) keys to select class-of-service tens digit 0-2 in class group B.

(2) Operate CSU (0-9) key to select class-of-service units digit 0-9.

(3) If ETS provided, operate PCS key.

100 Classes Provided

To select class of service and job records specify:

☐ Option JH—

(1) Operate CST (0-9) key to select class-of-service tens digit 0-9.

(2) Operate CSU (0-9) key to select class-of-service units digit 0-9.

(3) If ETS provided, operate PCS key.

☐ Option JF—

(1) Set CST (0-9) switch to select class-of-service tens digit 0-9.

(2) Set CSU (0-9) switch to select class-of-service units digit 0-9.

(3) If ETS provided, operate PCS key.

B. Class of Call

Incoming

Note: Some BSP sections refer to subclass of test rather than class of call. The following Tables apply to subclass of test as well.

☐ Option YV provided in SD-25800-01—

(1) Refer to Table A for method of selecting incoming class and translator for tests of all circuits *except incoming registers.*

(2) Refer to Table B for method of selecting incoming class and translator for tests of *incoming registers* using the automatic monitor, register, and sender test circuit.

☐ Option RD provided in SD-25800-01—

(1) Refer to Table C for method of selecting incoming class and translator for tests of all circuits *except incoming registers.*

(2) Refer to Table D for method of selecting incoming class and translator for tests of *incoming registers* using the automatic monitor, register, and sender test circuit.

☐ Option RE provided in SD-25800-01—

(1) Refer to Table E for method of selecting incoming class and translator for tests of all circuits *except incoming registers.*

(2) Refer to Table F for method of selecting incoming class and translator for tests of *incoming registers* using the automatic monitor, register, and sender test circuit.

☐ Option FA provided in SD-25800-01—

(1) Refer to Table G for method of selecting incoming class and translator for tests of all circuits *except incoming registers.*

(2) Refer to Table H for method of selecting incoming class and translator for tests of *incoming registers* using the automatic monitor, register, and sender test circuit.

☐ Option NQ provided in SD-25800-01—

(1) Refer to Table I for method of selecting incoming class and translator for tests of all circuits *except incoming registers.*

(2) Refer to Table J for method of selecting incoming class and translator for tests of *incoming registers* using the automatic monitor, register, and sender test circuit.

☐ **TABLE A**

**METHOD OF SELECTING INCOMING CLASS AND TRANSLATOR
TESTS OF ALL CIRCUITS EXCEPT INCOMING REGISTERS
(OPTION YV PROVIDED IN SD-25800-01)**

CLASS OF CALL	TRANSLATOR INDICATION	OPERATE KEY(S)
TAN	LT	IC (TAN)
	FVD	IC (FVD)
	2DT	2DT
	11	IC (TAN), 11
TOL	TT	IC (TOL)
	FVD	FVDT
INC	OA	IC (OA)
	OB	IC (OB)
	TT	TT1
	FVD	IC (AB)
	2DT	2DT1
	LT	IC (NTAN)
	PHC	IC (AB), PHC
	THC	IC (AB), THC
PCD		IC (PC), PCD
PCD1		IC (PC), PCD1
PCR		IC (PC)

Note: Refer to Table B when testing incoming registers using automatic monitor, register, and sender test circuit.

□ **TABLE B**

**METHOD OF SELECTING INCOMING CLASS AND TRANSLATOR
TESTS OF INCOMING REGISTERS
USING AUTOMATIC MONITOR, REGISTER, AND SENDER TEST CIRCUIT
(OPTION YV PROVIDED IN SD-25800-01)**

CLASS OF CALL	TRANSLATOR INDICATION	OPERATE KEY(S)
TAN	LT	IC (TAN)
	11	IC (TAN), P11
TOL	TT	IC (TOL)
	FVD	IC (TOL), FVDT
NTAN	LT	IC (NTAN)
	2DT	IC (NTAN)
OA	OA	IC (OA)
OB	OB	IC (OB)
AB	FVD	IC (AB)
PCD		IC (PC), PCD
PCD1		IC (PC), PCD1
PCR		IC (PC)
FVD		IC (FVD)

Note: Refer to Table A when testing all circuits other than incoming registers.

☐ **TABLE C**

METHOD OF SELECTING INCOMING CLASS AND TRANSLATOR
TESTS OF ALL CIRCUITS EXCEPT INCOMING REGISTERS
(OPTION RD PROVIDED IN SD-25800-01)

CLASS OF CALL	TRANSLATOR INDICATION	OPERATE KEY (S)
TAN	LT	IC (TAN), CST (0)
	FVD	IC (FVD), CST (0)
	2DT	2DT, CST (0)
	11	IC (TAN), CST (0), 11
TAN 1-4	LT	IC (TAN), CST (1-4)
	FVD	IC (FVD), CST (1-4)
	2DT	2DT, CST (1-4)
	11	IC (TAN), CST (1-4), 11
TOL	TT	IC (TOL), CST (0)
	FVD	FVDT, CST (0)
INC	OA	IC (OA)
	OB	IC (OB)
	TT	TT1
	FVD	IC (AB)
	2DT	2DT1
	LT	IC (NTAN)
	LT*	CAM0, TCB
	PHC	IC (AB), PHC
	THC	IC (AB), THC
PCD		IC (PC), PCD
	LT*	CAM2, TCB
PCD1		IC (PC), PCD1
	TT*	CAM3, TCB
PCR		IC (PC)
	TT*	CAM1, TCB

* CAMA classes.

Note: Refer to Table D when testing incoming registers using automatic monitor, register, and sender test circuit.

□ **TABLE D**

**METHOD OF SELECTING INCOMING CLASS AND TRANSLATOR
TESTS OF INCOMING REGISTERS
USING AUTOMATIC MONITOR, REGISTER, AND SENDER TEST CIRCUIT
(OPTION RD PROVIDED IN SD-25800-01)**

CLASS OF CALL	TRANSLATOR INDICATION	OPERATE KEY(S)
TAN	LT	IC (TAN), CST (0)
	11	IC (TAN), CST (0), P11
TAN 1-4	LT	IC (TAN), CST (1-4)
	FVD	IC (FVD), CST (1-4)
	2DT	2DT, CST (1-4)
	11	IC (TAN), CST (1-4), P11
TOL	TT	IC (TOL), CST (0)
	FVD	IC (TOL), CST (0), FVDT
TOL 1-4	TT	IC (TOL), CST (1-4), TCB
	FVD	FVDT, CST (1-4), TCB
	2DT	2DTT, CST (1-4), TCB
NTAN	LT	IC (NTAN)
	2DT	IC (NTAN)
OA	OA	IC (OA)
OB	OB	IC (OB)
AB	FVD	IC (AB)
PCD		IC (PC), PCD
PCD1		IC (PC), PCD1
PCR		IC (PC)
CAMA0		CAM0
CAMA1		CAM1
FVD		IC (FVD)

Note: Refer to Table C when testing all circuits other than incoming registers.

☐ **TABLE E**

METHOD OF SELECTING INCOMING CLASS AND TRANSLATOR
TESTS OF ALL CIRCUITS EXCEPT INCOMING REGISTERS
(OPTION RE PROVIDED IN SD-25800-01)

CLASS OF CALL	TRANSLATOR INDICATION	OPERATE KEY(S)
TAN	LT	IC (TAN), VF (0)
	FVD	IC (FVD), VF (0)
	2DT	2DT, VF (0)
	11	IC (TAN), VF (0), 11
TAN 1-4	LT	IC (TAN), VF (1-4)
	FVD	IC (FVD), VF (1-4)
	2DT	2DT, VF (1-4)
	11	IC (TAN), VF (1-4), 11
TOL	TT	IC (TOL), VF (0)
	FVD	FVDT, VF (0)
INC	OA	IC (OA)
	OB	IC (OB)
	TT	TT1
	FVD	IC (AB)
	2DT	2DT I
	LT	IC (NTAN)
	LT*	CAM0, TCB
	PHC	IC (AB), PHC
	THC	IC (AB), THC
PCD		IC (PC), PCD
	LT*	CAM2, TCB
PCD1		IC (PC), PCD1
	TT*	CAM3, TCB
PCR		IC (PC)
	TT*	CAM1, TCB

* CAMA classes.

Note: Refer to Table F when testing incoming registers using automatic monitor, register, and sender test circuit.

☐ TABLE F

METHOD OF SELECTING INCOMING CLASS AND TRANSLATOR
TESTS OF INCOMING REGISTERS
USING AUTOMATIC MONITOR, REGISTER, AND SENDER TEST CIRCUIT
(OPTION RE PROVIDED IN SD-25800-01)

CLASS OF CALL	TRANSLATOR INDICATION	OPERATE KEY(S)
TAN	LT	IC (TAN), VF (0)
	11	IC (TAN), VF (0), P11
TAN 1-4	LT	IC (TAN), VF (1-4)
	FVD	IC (FVD), VF (1-4)
	2DT	2DT, VF (1-4)
	11	IC (TAN), VF (1-4), P11
TOL	TT	IC (TOL), VF (0)
	FVD	IC (TOL), VF (0), FVDT
TOL 1-4	TT	IC (TOL), VF (1-4), TCB
	FVD	FVDT, VF (1-4), TCB
	2DT	2DTT, VF (1-4), TCB
NTAN	LT	IC (NTAN)
	2DT	2DTT OR 2DTI
OA	OA	IC (OA)
OB	OB	IC (OB)
AB	FVD	IC (AB)
PCD		IC (PC), PCD
PCD1		IC (PC), PCD1
PCR		IC (PC)
CAMA0	LT	CAM0
CAMA1	TT	CAM1
FVD		IC (FVD)

Note: Refer to Table E when testing all circuits other than incoming registers.

☐ **TABLE G**

METHOD OF SELECTING INCOMING CLASS AND TRANSLATOR
TESTS OF ALL CIRCUITS EXCEPT INCOMING REGISTERS
(OPTION FA PROVIDED IN SD-25800-01)

CLASS OF CALL	TRANSLATOR INDICATION	OPERATE KEYS AND SET SWITCHES
TAN	LT	IC (TAN), TSC (0)
	FVD	IC (FVD), TSC (0)
	2DT	2DT, TSC (0)
	11	IC (TAN), TSC (0), 11
TAN 1-4	LT	IC (TAN), TSC (1-4)
	FVD	IC (FVD), TSC (1-4)
	2DT	2DT, TSC (1-4)
	11	IC (TAN), TSC (1-4), 11
TOL	TT	IC (TOL), TSC (0)
	FVD	FVDT, TSC (0)
INC	OA	IC (OA)
	OB	IC (OB)
	TT	TT1
	FVD	IC (AB)
	2DT	2DTI
	LT	IC (NTAN)
	LT*	CAM0, TCB
	PHC	IC (AB), PHC
	THC	IC (AB), THC
PCD		IC (PC), PCD
	LT*	CAM2, TCB
PCD1		IC (PC), PCD1
	TT*	CAM3, TCB
PCR		IC (PC)
	TT*	CAM1, TCB

* CAMA classes.

Note: Refer to Table H when testing incoming registers using automatic monitor, register, and sender test circuit.

☐ **TABLE H**

**METHOD OF SELECTING INCOMING CLASS AND TRANSLATOR
TESTS OF INCOMING REGISTERS
USING AUTOMATIC MONITOR, REGISTER, AND SENDER TEST CIRCUIT
(OPTION FA PROVIDED IN SD-25800-01)**

CLASS OF CALL	TRANSLATOR INDICATION	OPERATE KEYS AND SET SWITCHES
TAN	LT	IC (TAN), TSC (0)
	11	IC (TAN), TSC (0), P11
TAN 1-4	LT	IC (TAN), TSC (1-4)
	FVD	IC (FVD), TSC (1-4)
	2DT	2DT, TSC (1-4)
	11	IC (TAN), TSC (1-4), P11
TOL	TT	IC (TOL), TSC (0)
	FVD	IC (TOL), TSC (0), FVDT
TOL 1-4	TT	IC (TOL), TSC (1-4), TCB
	FVD	FVDT, TSC (1-4), TCB
	2DT	2DTT, TSC (1-4), TCB
NTAN	LT	IC (NTAN)
	2DT	IC (NTAN)
OA	OA	IC (OA)
OB	OB	IC (OB)
AB	FVD	IC (AB)
PCD		IC (PC), PCD
PCD1		IC (PC), PCD1
PCR		IC (PC)
CAMA0	LT	CAM0
CAMA1	TT	CAM1
FVD		IC (FVD)

Note: Refer to Table G when testing all circuits other than incoming registers.

INSTRUCTIONS FOR COMPLETION OF TABLES I AND J

(1)   When option NQ is provided, the incoming class and translation for the office is arranged by cross-connections that may be flexible; therefore, Tables I and J must be completed in accordance with local office cross-connection assignments.

(2)   The setting for switch ICL is determined by the incoming register class relay, OA, TOL, TAN, etc, associated with the selected incoming class. For example, when the OA incoming class is associated with CL0, the ICL switch setting should be indicated as 0.

(3)   The setting for the ICL switch is dependent upon the class lead, or leads, required to be closed to the marker for the incoming class under consideration. This may be determined from local incoming register cross-connections. Where the settings may be predetermined, they have been entered in the table.

(4)   The CL switch is set to TCA or TCB depending on the class group indication required by the marker for the incoming class under consideration. This is determined by local incoming register cross-connections. Where the settings may be predetermined, they have been entered in the table.

(5)   The TRNA switch setting is determined by the translator lead indication required by the marker. From local office cross-connections, determine the translator lead, or leads, used for each incoming class, taking into consideration the various number structures (number of digits) appropriate to each class. Enter X under each column which applies to the various incoming classes.

(6)   The settings for the TRNB and TRNC switches are fixed for the incoming classes with which its use is required. For this reason Xs have been entered appropriately in the table.

(7)   Where more than one incoming register group is provided and the cross-connections for class and translation are not uniform in all groups, a separate table must be prepared for each differing group or groups. For this reason, additional copies of Table J may be required.

☐ **TABLE I**

METHOD OF SELECTING INCOMING CLASS AND TRANSLATOR TESTS OF ALL CIRCUITS EXCEPT INCOMING REGISTERS (OPTION NQ PROVIDED IN SD-25800-01)

| CLASS OF CALL | SET ICL SWITCH | SET CL SWITCH | TRANSLATOR INDICATIONS | | | | | | | | | | |
| | | | SET TRNA SWITCH | | | | | | | SET TRNB SWITCH | | | |
			LT	LT3	TT	11	X11	2DT	FVD	OA	OB	PHC	THC
TAN													
TAN1													
TAN2													
TAN3													
TAN4													
TOL													
TOL1													
TOL2													
TOL3													
TOL4													
PCR													
PCD													
PCD1													
NTAN	INC	TCA											
CAMA0		TCB											
CAMA1		TCB											
OA	INC	TCA								X			
OB	INC	TCA									X		
AB	INC	TCA						X					
*AB	INC	TCA										X	
†AB	INC	TCA											X

* Revertive pulsing — low incoming group.
† Revertive pulsing — high incoming group.

Notes:

1. Refer to Table J when testing incoming registers.
2. Refer to Instructions for Completion of Tables I and J.

☐ **TABLE J**

METHOD OF SELECTING INCOMING CLASS AND TRANSLATOR
TESTS OF INCOMING REGISTERS USING AUTOMATIC MONITOR, REGISTER AND SENDER TEST CIRCUIT
(OPTION NQ PROVIDED IN SD-25800-01)

INCOMING REGISTER GROUP																
CLASS OF CALL			MATCH INDICATIONS													
			SET ICL SWITCH			TRANSLATOR INDICATIONS										
						SET TRNA SWITCH							SET TRNC SWITCH			
2-WIRE	4-WIRE	SET TCL SWITCH	2-WIRE	4-WIRE	SET CL SWITCH	LT	LT3	TT	11	X11	2DT	FVD	OA	OB	PHC	THC
TAN	TOL		TAN													
TAN1	TOL1															
TAN1	TOL2															
TAN3	TOL3															
TAN4	TOL4															
TOL	TOL5		TOL													
TOL1	TOL6															
TOL2	TOL7															
TOL3	TOL8															
TOL4	TOL9															
PCR			PCR													
PCD			PCD													
PCD1			PCD1													
NTAN			INC		TCA											
CAMA0																
CAMA1																
FVD																
OA	OA		INC	INC	TCA								X			
OB	OB		INC	INC	TCA									X		
AB			INC		TCA							X				
*AB			INC		TCA											
†AB			INC		TCA											

* Revertive pulsing — low incoming group.
† Revertive pulsing — high incoming group.

Notes:

1. Refer to Table I when testing all circuits other than incoming registers.
2. Refer to Instructions for Completion of Tables I and J.

Originating (All Circuits Including Originating Registers)

CLASS OF CALL	TRANSLATOR INDICATION	☐ OPTION NQ NOT PROVIDED — OPERATE KEY(S)	☐ OPTION NQ PROVIDED IN SD-25800-01 SET TRNA SWITCH	DIAL PULSE CALLING — SET CL SWITCH	TOUCH-TONE® CALLING — SET CL SWITCH
OR	LT		LT	OR-DP	OR-MF
OR	LT1	LT1	LT1	OR-DP	OR-MF
OR	LT2	LT2	LT2	OR-DP	OR-MF
OR	LT3	LT3	LT3	OR-DP	OR-MF
OR	FVD	FVD0	FVD	OR-DP	OR-MF
OR	2DT	2DT0	2DT	OR-DP	OR-MF
OR	X11	X11	X11	OR-DP	OR-MF
OR	11	11	11	OR-DP	OR-MF
FAC	LT	FACD	LT	FAC-DP	FAC-MF
FAC	LT1	FACD, LT1	LT1	FAC-DP	FAC-MF
FAC	LT2	FACD, LT2	LT2	FAC-DP	FAC-MF
FAC	LT3	FACD, LT3	LT3	FAC-DP	FAC-MF
FAC	X11	FACD, X11	X11	FAC-DP	FAC-MF
FAC	FVD	FACD, FVDO	FVD	FAC-DP	FAC-MF
FAC	11	FACD, 11	11	FAC-DP	FAC-MF

Transfer (Translator Indication)

TRANSLATOR INDICATION	OPTIONS PROVIDED ☐ NY OPERATE KEY	OPTIONS PROVIDED ☐ NQ SET TRNA SWITCH
X11	X11	X11
FVD	FVDT	FVDT

C. Class of Test

CLASS	☐ FIG. 74 NOT PROVIDED	☐ FIG 74 PROVIDED		
	OPERATE KEY(S)	OPERATE KEY	AND	SET SWITCH
ATNT	ATNT			TSTB (ATNT)
CAMS	CAMS			TSTA (CAMS)
DT	DT			TSTA (DT)
IAO	IAO			TSTB (IAO)
IMS	IMS			TSTA (IMS)
IMT	IMT			TSTB (IMT)
INC	INC			TSTA (INC)
IR	IR			TSTA (IR)
ITDO	ITDO			TSTB (ITDO)
ITNP	ITNP			TSTB (ITNP)
LT	LT			TSTB (LT)
MISC	MISC			TSTB (MISC)
MLV	MLV			TSTB (MLV)
OGT	OGT			TSTB (OGT)
OR	OR			TSTA (OR)
ORIG	ORIG			TSTA (ORIG)
PTT	PTT			TSTA (PTT)
SDR	SDR			TSTA (SDR)
SDT	SDT			TSTA (SDT)
TVT (AMA)	TVT			TSTB (TVT)
TVT (ANI)	TVT, ANI or TVTC	ANI		TSTB (TVT)
TVT (CAMA)	TVT, CAMA or TVTC	CAMA		TSTB (TVT)
IRPT	PTT, IRPT	IRPT		TSTA (PTT)

D. Subclass of Test-Deleted

Refer to "Class of Call-Incoming" in this section.

E. Class of Transfer (Test of Transfer Registers using Automatic Monitor, Register, and Sender Test Circuit)

CLASS OF TRANSFER	☐ OPTION NQ NOT PROVIDED		☐ OPTION NQ PROVIDED	
	OPERATE KEY(S)		SET SWITCHES	
	CENTREX PHASES 1 & 11	CENTREX PHASE 111	CENTREX PHASES 1 & 11	CENTREX PHASE 111
OP (0 operator)	4-Digit Transfer—4DG, TRF, PBX, CSL	4-Digit Transfer—4DG, PBX	4-Digit Transfer—Console Operation—TCL (0), CSL	4-Digit Transfer—TCL (0) TRNA (X11)
	5-Digit Transfer—5DG, TRF, PBX5, CSL	5-Digit Transfer—5DG, PBX5	4-Digit Transfer—Nonconsole Operation—TCL (0), NCSL TRNA (X11)	5-Digit Transfer—TCL (1) TRNA (FVD)
			5-Digit Transfer—Console Operation—TCL (1), CSL	
			5-Digit Transfer—Nonconsole Operation TCL (1), TRNA (FVD), NCSL	
4DT (4-Digit Transfer)	4DG, TRF	*TI, PBX	TCL (0), TRNA (X11)	TCL (3), TRNA (X11)
5DT (5-Digit Transfer)	5DG, TRF	*TI, PBX5	TCL (1), TRNA (FVD)	TCL (3), TRNA (FVD)
4DR (4-Digit Retransfer)	4DG, RTFR	4DG, PBX	TCL (2), TRNA (X11)	TCL (0—, TRNA (X11)
5DR (5-Digit Retransfer	5DG, RTFR	5DG, PBX5	TCL (3), TRNA (FVD)	TCL (1), TRNA (FVD)
DAT (Don't Answer Transfer)		DAT, PBX, or PBX5		TCL (4), TRNA (X11 or (FVD)
MT (Manual Transfer)		*T1, PBX		TCL (3), TRNA (X11)
MR (Manual Retransfer)		4DG, PBX		TCL (2), TRNA (X11)
STT (Second Trial Transfer		*TI		TCL (3)
7DT (7-Digit Transfer		*TI, 7DG		TCL (3), TRNA (LT)
7DR (7-Digit Retransfer		7DG		TCL (7), TRNA (LT)
OE (Operator Error)		*TI		TCL (3)

* At master test control circuit.

F. Incoming Trunk Class

To select incoming trunk class and job records specify:

☐ Option WK or WL—

Operate ITC-RN key to select incoming trunk class.

☐ Option JF—

Set ITC-RN switch to select incoming trunk class.

INCOMING TRUNK CLASS INDICATIONS						
OPTION X PROVIDED SD-26002-01 FIG 65 PROVIDED SD-25550-01				OPTION Y PROVIDED SD-26002-01 FIG 126 PROVIDED SD-25550-01		
ITC-RN	CLASS OF TRUNK	TERMINATING NUMBERS ALLOWED		ITC-RN	SUPV REQ ON CALLS TO FREE NUMBER	TERMINATING NUMBER SERIES ALLOWED
0	TOLL/MAN	NONE		ONN		NONE
1TB	TOLL	P&T		1SE	YES	3N
2MB	MAN	P&T		2SA	YES	NON-DISCRIMINATION
3FB	FULL SEL	P&T		3NA	NO	NON-DISCRIMINATION
4TT	TOLL	T ONLY		4NE	NO	EN
5MT	MAN	T ONLY		5ST	YES	TN
6FT	FULL SEL	T ONLY		6NT	NO	TN
7TP	TOLL	P ONLY		7RN		NONE
8MP	MAN	P ONLY		8SP	YES	PN
9FP	FULL SEL	P ONLY		9NP	NO	PN
P — PHYSICAL T — THEORETICAL				PN — PHYSICAL NUMBER SERIES TN — THEORETICAL NUMBER SERIES EN — EXTRA THEORETICAL NUMBER SERIES		

CODE PATTERN

To select code pattern and job records specify:

☐ Option H—

Operate TT-CP (0-9) key to select code pattern 0-9.

☐ Option JF—

Set TT-CP (0-9) switch to select code pattern 0-9.

CONTROL DIGITS

To select control digits and job records specify:

☐ App. Fig. 96—

(1a) Set CDPU (0-9) switch to select CDP control digits 0-9.

(1b) Operate CPT1 key and set CDPU (0-9) switch to select CDP control digits 10-19.

(2a) Set CDU (0-9) switch to select CD control digits 0-9.

(2b) Operate CDT1 key and set CDU (0-9) switch to select CD control digits 10-19.

(3a) Set CDA (0-9) switch to select CDA control digits 0-9.

☐ App. Fig. 112—

(1a) Set APU/CDPU (0-9) switch to select CDP control digits 0-9.

(1b) Operate CPT1 key and set APU/CDPU (0-9) switch to select CDP control digits 10-19.

(2a) Set BPU/CDU (0-9) switch to select CD control digits 0-9.

(2b) Operate CDT1 key and set BPU/CDU (0-9) switch to select CD control digits 10-19.

(3a) Set CPU/CDA (0-9) switch to select CDA control digits 0-9.

DIGITS—CODE AND/OR NUMBER

To select code and/or number and job records specify:

☐ Options KX, KY, KZ, JA, JB, JC, JD, JE—

Operate A_ through L_ keys to select code and/or number digits A_ through L_.

☐ Option ZVM, ZVL—

Set A_ through L_ switches to select code and/or number digits A_ through L_.

JUNCTOR SEQUENCE

To select junctor sequence and job records specify:

☐ Option KX—

Operate JSQ (0-5) key to select junctor sequence 0-5.

☐ Option JF—

Set JSQ (0-5) switch to select junctor sequence 0-5.

JUNCTOR SUBGROUP

JUNCTOR SUBGROUP SELECTION FOR LINE LINK CIRCUITS

NUMBER OF TRUNK LINK FRAMES			JUNCTOR STEP POSITION (STP1 OR STP2)	JUNCTOR SEQUENCE (JSQ-)					
SINGLE	PAIRED	TRIPLED		0	1	2	3	4	5
2ϕ	4	6	1	JG0	JG1	JG2	JG0	JG1	JG2
			2	JG3	JG4	JG3	JG4	JG3	JG4
2-3	4-6	6-9	1	JG0	JG1	JG2	JG0	JG2	JG2
			2	JG1	JG2	JG0	JG1	JG2	JG0
3	6	9	1	JG0	JG1	JG2	JG0	JG1	JG2
			2	JG3	JG3	JG3	JG3	JG3	JG3
4ϕ	8	12	1	JG0	JG1	JG0	JG1	JG0	JG1
			2	JG2	JG2	JG2	JG2	JG2	JG2
5	10	15	1	JG0	JG1	JG0	JG1	JG0	JG1
			2	JG1	JG0	JG1	JG0	JG1	JG0
6	12	18	1	JG0	JG0	*JG0/1	JG0	JG0	*JG0/1
			2	JG1	**JG1/2	**JG0/2	**JG1/2	JG1	**JG0/2
7	14	21	1	JG0	JG0	JG0	JG0	JG0	*JG0/1
			2	JG1	**JG1/2	JG1	**JG1/2	JG1	**JG0/2
8	16	24	1	JG0	JG0	JG0	JG0	JG0	JG0
			22	JG1	JG1	JG1	JG1	JG1	JG1
9	18	27	1	JG0	JG0	JG0	JG0	JG0	JG0
			2	JG1	JG1	JG1	JG1	JG1	JG1
10	20	30	1	JG0	JG0	JG0	JG0	JG0	JG0

  * JG0 designation perforated if three junctor subgroups exist between line link and trunk link frames.
    JG1 designation perforated if two junctor subgroups exist between line link and trunk link frames.

** Lower-numbered JG-designation perforated if two junctor subgroups exist between line link and trunk link frames.
    Higher-numbered JG-designation perforated if three junctor subgroups exist between line link and trunk link frames.

  ϕ Junctor subgroup selection between line link and trunk link or transfer line link and transfer trunk link.

LINE LOCATION

To select a particular line location and job records specify:

☐ App. Fig. S Option KX, RD—

    (1) Operate FT (0-3) key to select line link frame tens digit 0-3.

    (2) Operate FU (0-9) key to select line link frame units digit 0-9.

    (3) Operate VG (0-9) key to select vertical group 0-9.

    (4) Operate HG (0-9) key to select horizontal group 0-9.

    (5) Operate VF (0-4) key to select vertical file 0-4.

☐ App. Fig. T Option KX, RD, ZF—

    (1) Operate FT (0-5) key to select line link frame tens digit 0-5.

    (2) Operate FU (0-9) key to select line link frame units digit 0-9.

    (3) Operate VG (0-13) key to select vertical group 0-13.

    (4) Operate HG (0-9) key to select horizontal group 0-9.

    (5) Operate VF (0-4) key to select vertical file 0-4.

☐ App. Fig. T Option KX, RE, ZF —

    (1) Operate FT (0-5) key to select line link frame tens digit 0-5.

    (2) Operate FU (0-9) key to select line link frame units digit 0-9.

    (3) Operate VG (0-13) key to select vertical group 0-13.

    (4) Operate HG (0-9) key to select horizontal group 0-9.

    (5) Operate VF (0-9) key to select vertical file 0-4.

☐ App. Fig. 78 Option JF, ZWP, ZWQ—

    (1) Set FT (0-5) switch to select line link frame tens digit 0-5.

    (2) Set FU (0-9) switch to select line link frame units digit 0-9.

    (3a) Set VGU (0-9) switch to select vertical group 0-9.

    (3b) Operate VGT1 key and set VGU (0-3) switch to select vertical group 10-13.

    (4) Set HG (0-9) switch to select horizontal group 0-9.

    (5) Set VF (0-9) switch to select vertical file 0-4.

LINE IN TENS BLOCK

To select a particular line in tens block and job records specify:

☐ Option KX—

Operate S(0-9) key to select line 0-9 in tens block.

☐ Option JF—

Set S (0-9) switch to select line 0-9 in tens block.

MESSAGE BILLING INDEX

To select message billing index and job records specify:

☐ Option H—

Operate HT-MB (0-9) key to select message billing index 0-9.

☐ Option JF—

Set HT-MB (0-9) switch to select message billing index 0-9.

OFFICE DESIGNATION

To select office designation and job records specify:

☐ Option ZVP—

Operate IC (OA) key to select office A physical.

Operate IC (OAT) key to select office A theoretical.

Operate IC (OAT) and E keys to select office A extra theoretical.

Operate IC (OB) key to select office B physical.

Operate IC (OBT) key to select office B theoretical.

Operate IC (OBT) and E keys to select office B extra theoretical.

☐ Option CY—

Set IC (OA) switch to select office A physical.

Set IC (OAT) switch to select office A theoretical.

Set IC (OAT) switch and operate E key to select office A extra theoretical.

Set IC (OB) switch to select office B physical.

Set IC (OBT) switch to select office B theoretical.

Set IC (OBT) switch and operate E key to select office B extra theoretical.

☐ Option NQ—

Set TRNB (OA) switch to select office A physical.

Set TRNB (OA) switch and operate THC key to select office A theoretical.

Set TRNB (OA) switch and operate ETHC key to select office A extra theoretical.

Set TRNB (OB) switch to select office B physical.

Set TRNB (OB) switch and operate THC key to select office B theoretical.

Set TRNB (OB) switch and operate ETHC key to select office B extra theoretical.

OFFICE INDEX

A. AMA Translators

To select office index and job records specify:

☐ App. Fig. C—

Set TCL (0-5) switch to select office index.

☐ App. Fig. D—

Operate OFF (0-5) key to select office index 0-5.

☐ App. Fig. 57—

(1a) Set OFU (0-9) switch to select office index 0-9.

(1b) Operate OFT1 key and set OFU (0-9) switch to select office index 10-19.

(1c) Operate OFT2 key and set OFU (0-9) switch to select office index 20-29.

B. AIOD Translators

OFFICE INDEX*	KEY OPERATION
	OI1 Normal, OI2 Normal
	OI1 Operated, OI2 Normal
	OI1 Normal, OI2 Operated

* Enter the office indexes used as determined from office records showing assignment of AIOD translator OFG_ to OF_ cross-connections.

To select office index and job records specify:

☐ App. Fig. D—

Operate OFF (0-5) key to select office index 0-5.

☐ App. Fig. 57—

(1a) Set OFU (0-9) switch to select office index 0-9.

(1b) Operate OFT1 key and set OFU (0-9) switch to select office index 10-19.

(1c) Operate OFT2 key and set OFU (0-9) switch to select office index 20-29.

PREFIX AND ACCESS DIGITS

To select prefix and access digits and job records specify:

SD-25680-01	☐ FIG AA	☐ FIG AB	☐ OPTION EQ	☐ OPTION EQ
SD-25800-01			FIG 116	FIG 112
DIGIT	OPERATE KEY	OPERATE KEY AND SET SWITCH	OPERATE KEYS AND SET SWITCHES	OPERATE KEYS AND SET SWITCHES
0		PD (0)	BPU (0)	BPU/CDPU (0)
1	P1	PD (1)	AP1	AP1
8		PD (8)	BPU (8)	BPU/CDPU (8)
9		PD (9)	BPU (9)	BPU/CDPU (9)
01		PD (01)		
11	P11	PD (11)	AP1,BP1	AP1,BP1
90		PD (90)	APU, (9), BPU (0)	APU/CDPU (9), BPU/CDU (0)
91		PD (91)	APU (9), BPU (1)	APU/CDPU (9), BPU/CDU (1)
011		PD (011)	APU (0), BPU (1), CPU (1)	APU/CDPU (0) BPU/CDU (1) CPU/CDA (1)
811		PD (811)	APU (8), BPU (1), CPU (1)	APU/CDPU (8), BPU/CDU (1), CPU/CDA (1)
911		PD (911)	APU (9), BPU (1), CPU (1)	APUCDPU (9), BPU/CDU (1), CPU/CDA (1)
AC8		PD (AC8)		
#(WB)	SSR	SSR	BP1, SSR	BP1, SSR

RATE TREATMENT

To select rate treatment and job records specify:

☐ Option JI—

(1) Operate CSGA/CSGB key to select rate treatment group A or B.

(2) Operate CRU (0-9) key to select rate treatment 0-9 within selected group.

(3) If ETS provided—operate PCS key.

☐ Option JJ—

    (1) Operate CSGA/CSGB key to select rate treatment group A or B.

    (2) Set CRU (0-9) switch to select rate treatment 0-9 within selected group.

    (3) If ETS provided—operate PCS key.

RECORDER NUMBER (AMA-PTR)

To select a particular recorder and job records specify:

☐ Option WK or WL—

Operate ITC-RN (0-9) key to select recorder 0-9.

☐ Option WK or WL and PG—

Operate ITC-RN (0-9) key and OD key to select recorder 0-9.

Operate ITC-RN (0-9) key and AD key to select recorder 10-19.

☐ Option WK or WL and ZTL—

Operate ITC-RN (0-9) key and RNT2 key to select recorder 20-29.

☐ Option JF—

Set ITC-RN (0-9) switch to select recorder 0-9.

☐ Option JF and PG—

Set ITC-RN (0-9) switch and operate OD key to select recorder 0-9.

Set ITC-RN (0-9) switch and operate AD key to select recorder 10-19.

☐ Option JF and ZTL—

Set ITC-RN (0-9) switch and operate RNT2 key to select recorder 20-29.

RINGING COMBINATION

To select ringing combination and job records specify:

☐ Option RB—

Operate RC (1-15) key to select ringing combination 1-15.

☐ Option RC—

    (1a) Operate RC (1-10) key to select ringing combination 1-10.

    (1b) Operate OTRC key and RC (1-5) key to select ringing combination 11-15.

☐ Option JF—

(1a) Set RCU (1-9) switch to select ringing combination 1-9.

(1b) Operate RCT1 key and set RCU (0-5) switch to select ringing combination 10-15.

ROUTE ADVANCE

To select route advance and job records specify:

☐ Option QE—

Operate RA (0-3) key to select route advance 0-3.

☐ Option QF—

Set RA (0-5) switch to select route advance 0-5.

☐ Option IB—

Set RA (0-11) switch to select route advance 0-11.

☐ Option CG, DL—

(1a) Set RAU (0-9) switch to select route advance 0-9.

(1b) Operate RAT1 key and set RAU·(0-1) switch to select route advance 10-11.

☐ Fig. 99, Option CG—

(1a) Set RAU (0-9) switch to select route advance 0-9.

(1b) Operate RAT1 key and set RAU (0-9) switch to select route advance 10-19.

(1c) Operate RAT2 key and set RAU (0-9) switch to select route advance 20-29.

☐ Fig. 166 (ETS Provided)—

Set TB-RA (0-9) switch and operate PTS key to select route advance 0-9.

> *Note:* If office is arranged for *fixed* trunk block (TB_) assignments, Office Parameter Table (MTFTB) bit not set (0), the TB-RA switch is set *only* for route advance selection.

> If office is arranged for *flexible* trunk block assignments, Office Parameter Table (MTFTB) bit set (1), and particular trunk is *not* being selected, the TB-RA switch is set for route advance selection. If particular trunk *is* being selected the TB-RA switch is set for trunk block (TB_) selection.

> Selection of a particular trunk that is in a trunk group reached through route advances causes an automatic software route advance.

SWITCHED CONFEREE LINE

To select switched conferee line and job records specify:

☐ Option JZ—

Set ST SEL (0-16) switch to select switched conferee line 0-16.

☐ Option IA—

(1a) Set SELU (0-9) switch to select switched conferee line 0-9.

(1b) Operate SLT1 key and set SELU (0-6) switch to select switched conferee line 10-16.

TRANSFER LINE LINK FRAME VERTICAL

To select transfer line link frame vertical:

Operate or set CST_ and CSU_ keys or switches corresponding to the trunk link frame number that is assigned to the transfer line link frame vertical being tested.

TRANSFER TRUNK LINK FRAME

To select transfer trunk link frame and job records specify:

☐ App. Fig. U, 9 Option KX—

(1a) Operate FG0 and FS (0-4)* keys to select *transfer trunk link frame 0.*

(1b) Operate FG0 and FS (5-9)† keys to select *transfer trunk link frame 1.*

(1c) Operate FG1 and FS (0-4)* keys to select *transfer trunk link frame 2.*

(1d) Operate FG1 and FS (5-9)† keys to select *transfer trunk link frame 3.*

(2) If ETS provided—operate PTS key.

☐ App. Fig. 79, 9 Option KX—

(1a) Operate FS (0-4)* key to select *transfer trunk link frame 0.*

(1b) Operate FS (5-9)† key to select *transfer trunk link frame 1.*

(1c) Operate FG1 and FS(0-4)* keys to select *transfer trunk link frame 2.*

(1d) Operate FG1 and FS(5-9)† keys to select *transfer trunk link frame 3.*

(2) If ETS provided—operate PTS key.

☐ App. Fig. 80, 9 Option JF—

(1a) Set FS (0-4)* switch to select *transfer trunk link frame 0.*

(1b) Set FS (5-9)† switch to select *transfer trunk link frame 1.*

(1c) Operate FG1 key and set FS (0-4)* switch to select *transfer trunk link frame 2.*

(1d) Operate FG1 key and set FS (5-9)†switch to select *transfer trunk link frame 3.*

(2) If ETS provided—operate PTS key.

*FS(0-4) selects trunk blocks (0-4).

†FS(5-9) selects trunk blocks (0-4).

TRUNK CONTROL NUMBER (AMA-MTR)

To select trunk control number and job records specify:

☐ Option WK or WL—

Operate ITC-RN (0-9) key to select trunk control 0-9.

☐ Option WK or WL and PG—

Operate ITC-RN (0-9) key and OD key to select trunk control 0-9.

Operate ITC-RN (0-9) key and AD key to select trunk control 10-19.

☐ Option JF—

Set ITC-RN (0-9) switch to select trunk control 0-9.

☐ Option JF and PG—

Set ITC-RN (0-9) switch and operate OD key to select trunk control 0-9.

Set ITC-RN (0-9) switch and operate AD key to select trunk control 10-19.

TRUNK LINK FRAME

To select a particular trunk link frame and job records specify:

☐ App. Fig. U—

(1) Operate FG0/FG1 key to select trunk link frame group 0-1.

(2) Operate FS (0-9) key to select trunk link frame 0-9 within selected group.

(3) If ETS provided—operate PTS key.

☐ App. Fig. 79—

(1a) Operate FG0/FG1/FG2 key to select trunk link frame group 1-2.

(1b) FG0/FG1/FG2 key nonoperated to select trunk link frame group 0.

(2) Operate FS (0-9) key to select trunk link frame 0-9 within selected group.

(3) If ETS provided, operate PTS key.

☐ App. Fig. 80—

(1a) Operate FG1/FG2 key to select trunk link frame group 1-2.

(1b) FG1/FG2 key nonoperated to select trunk link frame group 0.

(2) Set FS (0-9) switch to select trunk link frame 0-9 within selected group.

(3) If ETS provided, operate PTS key.

TRUNK NUMBER

To select a trunk number and job records specify:

☐ Option H, JN and ZQI—

(1a) Operate HT-MB (0-9) key to select trunk number thousands digit 0 and hundreds digit 0-9.

(1b) Operate THT1 and HT-MB (0-9) keys to select trunk number thousands digit 1 and hundreds digit 0-9.

(2) Operate TT-CP (0-9) key to select trunk number tens digit 0-9.

(3) Operate UT (0-9) key to select trunk number units digit 0-9.

☐ Option H, JN and ZQJ—

(1a) Operate HT-MB (0-9) key to select trunk number thousands digit 0 and hundreds digit 0-9.

(1b) Operate THT (1-3) and HT-MB (0-9) keys to select trunk number thousands digit 1-3 and hundreds digit 0-9.

(2) Operate TT-CP (0-9) key to select trunk number tens digit 0-9.

(3) Operate UT (0-9) key to select trunk number units digit 0-9.

☐ Option JF and ZQI—

(1a) Set HT-MB (0-9) switch to select trunk number thousands digit 0 and hundreds digit 0-9.

(1b) Operate THT1 key and set HT-MB (0-9) switch to select trunk number thousands digit 1 and hundreds digit 0-9.

(2) Set TT-CP (0-9) switch to select trunk number tens digit 0-9.

(3) Set UT (0-9) switch to select trunk number units digit 0-9.

☐ Option JF and ZQJ—

(1a) Set HT-MB (0-9) switch to select trunk number thousands digit 0 and hundreds digit 0-9.

(1b)   Operate THT (1-3) key and set HT-MB (0-9) switch to select trunk number thousands digit 1-3 and hundreds digit 0-9.

(2)   Set TT-CP (0-9) switch to select trunk number tens digit 0-9.

(3)   Set UT (0-9) switch to select trunk number units digit 0-9.