

TRUNK EQUIPMENT TABLES
ARRANGED BY FUNCTIONS AND FEATURES
NO. 2 ESS
ARRANGED WITH 2-WIRE FEATURES
EQUIPMENT DESIGN REQUIREMENTS
ELECTRONIC SWITCHING SYSTEMS

1. GENERAL

SCOPE

1.01 This specification, with Tables A through H, shall be used in conjunction with the questionnaire for No. 2 ESS central office equipment to provide engineering and ordering information for trunk circuits and similar equipment. Each combination of features and options is represented by a 5-digit code. Some circuits have additional wiring options which are dependent upon office conditions; these options are not included in the combinations shown in the tables. No job wiring list records are maintained for these options, which are so designated on the schematic on which they occur. These connections shall be provided by the installation or maintenance personnel from information furnished by the telephone company.

1.02 The order code consists of five digits. The first digit represents the circuit function (Fig. 1) as shown in Tables A through H. The second and third digits designate the circuit schematic drawing number (Fig. 2). The fourth and fifth digits define the combination of features and options to be ordered in addition to the basic circuit (Fig. 3). If no additional options are provided for a circuit, the last two digits are 00. If an identical combination of features and options can be provided on different circuits, the last two digits of the order code for the circuits are identical.

1.03 The tables of trunk circuits listed in this specification are arranged by type and are used under the following classification:

TABLE	TYPE OF USE
A	Outgoing Trunk Circuits (a) Local and Tandem Origination
B	Incoming Trunk Circuits (a) Local and Tandem Completion (b) From Distant Step-by-Step Offices
C	Outgoing to an Operator Switchboard (a) Verification Request and Intercept (b) Local Coin Overtime and Stuck Coin to a 3CL Switchboard in Distant Building (c) To Local Test Desk No. 14 (d) To Crossbar Tandem CAMA or TSP, Step-by-Step CAMA, or TSPS No. 1 (e) Coin Zone Dialing to a 3CL Switchboard in Distant Building (f) To Repair Service Desk No. 2
D	Incoming from an Operator Switchboard (a) From Local Test Desk No. 14 or Local Test Cabinet No. 3
E	2-Way to an Operator Switchboard (a) Switchboard 3CL in Distant Building
F	2-Way Trunk Circuits (a) 2-Way, E and M Lead Supervision (b) 2-Way, Far Office Requires Start Pulsing Signal (c) Foreign Exchange
G	Service, Transmitter, and Receiver Circuits (a) Junctor Circuit (b) Customer Dial Pulse Receiver (c) Ringing Circuit for Individual, 2-Party, Coin, and PBX (d) Tone or Recorded Announcement

TABLE

TYPE OF USE

- (e) Audible Ring and Recorded Announcement
- (f) MF Transmitter
- (g) MF Receiver
- (h) Trunk Dial Pulse Transmitter
- (i) Trunk Dial Pulse Receiver
- (j) Coin Control Circuit
- (k) Ringing Circuit for Coded, Superimposed, Reverting and Rural Ringing
- (l) 3-Port Conference Circuit
- (m) TOUCH-TONE® Calling Detector

H Miscellaneous, Test, and Maintenance Circuits

- (a) Trunk Peripheral Decoder Applique
- (b) Transmissions Test Terminations
- (c) Continuity Polarity Test
- (d) Combined Milliwatt and Loop-Around Test
- (e) TOUCH-TONE Calling Detector Test
- (f) Tone Presence Detector
- (g) Dial Pulse Receiver Test
- (h) MF Test Environment
- (i) Ringing and Coin Control Test
- (j) Interrupter Applique
- (k) Line Insulation Test
- (l) Auxiliary Line
- (m) Station Ringer Test
- (n) TOUCH-TONE Station Test
- (p) Master Scanner Applique
- (q) Remote Master Scanner Applique

1.04 This specification is reissued to include new circuits and to incorporate order code changes for changed circuits:

- (a) The following circuits are added:
 Customer Dial Pulse Receiver—SD-2H177
 Code Call Interface Circuit—SD-2H156
 Dial Pulse Repeater—SD-2H155
 Emergency Manual Line Circuit—SD-1A156
 6-Port Conference Circuit—SD-2H176
 Tie-Line Cut-Through Service Circuit—SD-2H178
 Foreign Exchange Trunk Circuit—SD-2H180
- (b) Trunk order code changes have been made for the following circuits:
 Outgoing Trunk Circuit to Crossbar Tandem

CAMA or TSP, Step by Step CAMA or TSPS No. 1—SD-2H144
 Incoming Trunk Circuit from Local Test Desk No. 14 or Local Test Cabinet No. 3—SD-2H109
 2-Way Trunk Circuit—SD-2H112

2. USE OF TABLES AND FIGURES

2.01 To assist in selecting a proper circuit and the unit order code and to provide information concerning circuit characteristics, the items described below appear on a circuit basis in Tables A through H.

- (a) Schematic drawing number
- (b) Equipment code (J specification number)
- (c) Number of circuits per unit
- (d) Mounting plate space expressed in inches
- (e) Order code
- (f) Feature or option associated with the order code if a circuit has more than one order code
- (g) Schematic drawing apparatus figure(s) associated with the order code
- (h) Shop wiring option(s) associated with the order code
- (i) Appearance on network—number of ports per circuit
- (j) Scan point assignments per circuit
- (k) Number of PD points per circuit. Two numbers are shown for some circuits. The first number represents the quantity of PD points assigned to the circuit and can be used to total PD point requirements. The number in parentheses represents the number of PD points wired to the circuit.

2.02 The following lists the information conveyed by the order code:

DIGIT	INFORMATION	REFERENCE
1	Function of Circuit	Fig. 1
2,3	Program Index of Circuit	Fig. 2
4,5	Circuit Feature or Option	Fig. 3

DIGIT 1

FUNCTION OF CIRCUIT	DIGIT (DECIMAL)
Outgoing Trunk Circuits	0
Incoming Trunk Circuits	1
Outgoing to an Operator Switchboard	2
Incoming From an Operator Switchboard	3
2-Way Trunk Circuits to an Operator Switchboard	4
2-Way Trunk Circuits	5
Service Circuits	6
Miscellaneous, Test and Maintenance Circuits	7

Fig. 1 — Circuit Function

DIGITS 2 AND 3

TITLE OF CIRCUIT	DIGITS 2 AND 3 PROGRAM INDEX (SEE NOTE 1)	SD NUMBER
Junctor Circuit	00	2H102
Outgoing Trunk Circuit — Local and Tandem — Reverse Battery Supervision	01	2H103
Incoming Trunk Circuit — Local and Tandem — Reverse Battery Supervision	02	2H104
Outgoing Trunk Circuit — Verification Request and Intercept — Reverse Battery, Hi-Low Supervision	04	2H107
Incoming Trunk Circuit From Local Test Desk No. 14 or Local Test Cabinet No. 3 — Sleeve Lead Supervision	06	2H109
2-Way Trunk Circuit Switchboard No. 3CL in Distant Building — Reverse Battery Supervision — Inband Coin and Rering	07	2H110
Incoming Trunk Circuit From Step-by-Step — Reverse Battery Supervision	08	2H111
2-Way Trunk Circuit — E and M Lead Supervision — MF and Dial Pulsing	09	2H112
Outgoing Trunk Circuit to Switchboard No. 3CL in Distant Building — Local Coin Overtime and Stuck Coin	10	2H113
Customer Dial Pulse Receiver Circuit	11	2H114
Ringling Circuit For Individual, 2-Party, Coin, and PBX	12	2H116
Trunk Peripheral Decoder Applique Circuit	13	2H117
Tone or Recorded Announcement Circuit	14	2H118
Audible Ring and Recorded Announcement Circuit	15	2H119
Permanent-Signal Partial-Dial Holding Circuit	16	2H120
MF Transmitter Circuit	17	2H121
Trunk Dial Pulse Transmitter Circuit	18	2H122
Trunk Dial Pulse Receiver Circuit	19	2H123
MF Receiver Circuit	20	2H124
Coin Control Circuit	21	2H125

Fig. 2 — Program Index of Trunk and Service Circuit

DIGITS 2 AND 3 (Cont)

TITLE OF CIRCUIT	DIGITS 2 AND 3 PROGRAM INDEX (SEE NOTE 1)	SD NUMBER
Ringling Circuit for Coded, Superimposed, Reverting, and Rural — Off- and On-Hook Ringback	22	2H126
Transmission Test Terminations Circuit	23	2H127
Continuity Polarity Test Circuit	24	2H128
Station Ringer Test Circuit	25	2H129
Remote Peripheral Decoder Applique Circuit	26	2H130
TOUCH-TONE Calling Detector Test Circuit	27	2H131
Tone Presence Detector Test Circuit	28	2H132
Dial Pulse Receiver Test Circuit	29	2H133
MF Test Environment Circuit	30	2H134
Test Circuit for Ringing and Coin Control Circuit	31	2H135
Combined Milliwatt and Loop-Around Test Circuit	32	2H136
3-Port Conference Circuit	33	2H137
Interrupter Applique Circuit	34	2H138
Outgoing Trunk Circuit to Local Test Desk No. 14 — Sleeve Lead Supervision	35	2H141
Line Insulation Test Circuit	36	2H142
Auxiliary Line Circuit	37	2H143
Outgoing Trunk Circuit to Crossbar Tandem, CAMA, TSP, and TSPS No. 1 — Hi-Low and Reverse Battery Supervision	38	2H144
Outgoing Trunk Circuit — Coin Zone Dial	39	2H151
TOUCH-TONE Calling Detector Circuit	40	1A173
TOUCH-TONE Station Test Circuit	41	1A199
Master Scanner Applique Circuit	42	1A133
Remote Master Scanner Applique Circuit	43	1A210
Timer Circuit	44	2H095
Ground Cross Detector Circuit	45	2H096
Precise Lead Test Tone Circuit	46	2H169
Trunk Peripheral Decoder Applique Circuit (4 Contact) Arranged for Use With Switched Gain Repeater	47	2H170
Outgoing Trunk Circuit to Repair Service Desk No. 2	48	2H147
Incoming Trunk Circuit — Delay Dial	49	2H149
2-Way Trunk Circuit	50	2H148
Centrex Attendant Loop Circuit	51	2H172
Centrex Attendant Trunk Circuit	52	2H173
Foreign Exchange Trunk Circuit	53	2H174
5-dB Switched Gain Repeater	54	99488
Bridging Switched Gain Repeater	55	99488
Incoming Trunk Circuit — Local and Tandem — Reverse Battery Supervision	56	2H101
Incoming Trunk Circuit from Step-by-Step — Reverse Battery Supervision	57	2H154

Note 1: Digit 2 is assigned a decimal value. Digit 3 is assigned an alphameric value.

Fig. 2 — Program Index of Trunk and Service Circuit (Cont)

DIGITS 2 AND 3 (Cont)

TITLE OF CIRCUIT	DIGITS 2 AND 3 PROGRAM INDEX (SEE NOTE 1)	SD NUMBER
Customer Dial Pulse Receiver Circuit	58	2H177
Code Call Interface Circuit	59	2H156
Dial Pulse Repeater Circuit	60	2H155
Emergency Manual Line Circuit	61	1A156
6-Port Conference Circuit	62	2H176
Tie-Line Cut-Through Service Circuit	63	2H178
Foreign Exchange Trunk Circuit	64	2H180

Note 1: Digit 2 is assigned a decimal value. Digit 3 is assigned an alphameric value.

Fig. 2 — Program Index of Trunk and Service Circuit (Cont)

DIGITS 4 AND 5

FEATURE OR OPTION	DIGIT CODE (SEE NOTE 1)
No Circuit Option Available	00
Noncoin or Prepay Coin	01
Coin or Coin and Noncoin	02
0-2000 Ω Loop With BAT-GRD Pulsing or 0-1200 Ω Loop With Loop Pulsing	03
2000-4200 Ω Loop With BAT-GRD Pulsing or 1200-2500 Ω Loop With Loop Pulsing	04
MF Pulsing or Incoming DP Pulsing	05
Outgoing or 2-Way DP Pulsing	06
Unit Is Equipped With Dial Pulse Timing Bus Pickoff	07
Offices Having Less Than 15 k Ω But Not Less Than 10 k Ω Minimum Line Leakage Resistance	08
Offices Having Minimum Line Leakage Resistance Not Less Than 15 k Ω	09
Balance Circuit Termination	10
Short Circuit Termination	11
Open Circuit Termination	12
Balance Circuit and Short Circuit Termination	13
Balance Circuit and Open Circuit Termination	14
Short Circuit and Open Circuit Termination	15
Balance Circuit, Short Circuit, and Open Circuit Termination	16
When Used With a 60A Control Unit	17
When Used Without a 60A Control Unit	18
-130V Coin Return — Associated With 74100 TOUCH-TONE Station Test Circuit	19
+130V Coin Return — Associated With 74100 TOUCH-TONE Station Test Circuit	20
Dial-Tone First Service to a 3CL Switchboard	21
Dial-Tone First Service to TSP, TSPS	22
Used With Associated TOUCH-TONE Detector	23
Used Without Associated TOUCH-TONE Detector	24
Used as Applique Circuit	25
Unit is Wired for Switched Gain Repeaters	26
For Use With Crossbar Tandem CAMA Offices	27
For Use With Step-by-Step CAMA Offices	28
Office Is Not Range Extended	29
Used as Operator No-Test Trunk in Range-Extended Office	30
E&M Lead Supervision — Associated With F-Type Signaling Set	31
E&M Lead Supervision — Associated With E and M Lead Applique Circuit	32
E&M Lead Supervision With Transfer Feature — Associated With F-Type Signaling Set	33

Note 1: Digit 4 is assigned a decimal value. Digit 5 is assigned an alphabetic value.

Fig. 3 — Circuit Features and Options

DIGITS 4 AND 5 (Cont)

FEATURE OR OPTION	DIGIT CODE (SEE NOTE 1)
E&M Lead Supervision With Transfer Feature — Associated With E&M Lead Applique	34
Reverse Battery Supervision — No Transfer Feature	35
Reverse Battery Supervision With Transfer Feature	36
Incoming, Outgoing or 2-Way Interoffice Trunk Circuit, Outgoing Trunk Circuit to CAMA, or Outgoing Trunk Circuit to Intercept Systems (Noncoin or Prepay Coin) — Arranged for MF Signaling	37
Incoming DP Pulsing	38
Outgoing DP Pulsing or Incoming MF Pulsing	39
Used With Tie-Line Cut-Through Service	40
Not Used With Tie-Line Cut-Through Service	41

Note 1: Digit 4 is assigned a decimal value. Digit 5 is assigned an alphabetic value.

Fig. 3 — Circuit Features and Options (Cont)

**TABLE A
OUTGOING TRUNK CIRCUITS**

USE	SD NO.	EQUIP. J-NO.	CKTS PER UNIT	MTG PLATE SPACE (INCHES)	ORDER CODE	FEATURE OR OPTION	APP FIG.	WRG	PORTS PER CKT	SCAN PTS PER CKT				NUMBER OF PD PTS PER CKT
										SUPV			DIR	
										FAST	SLOW	BYLINK		
Local and Tandem Origination	2H103	2H017BA	4	2	00100		1		1	—	0,1	—	—	3

**TABLE B
INCOMING TRUNK CIRCUITS**

USE	SD NO.	EQUIP. J-NO.	CKTS PER UNIT	MTG PLATE SPACE (INCHES)	ORDER CODE	FEATURE OR OPTION	APP FIG.	WRG	PORTS PER CKT	SCAN PTS PER CKT				NUMBER OF PD PTS PER CKT
										SUPV			DIR	
										FAST	SLOW	BYLINK		
Local and Tandem Completion	2H101	2H017GB	4	2	15600		1		1	—	0,1	—	—	3
Local and Tandem Completion (A&M Only)	2H104	2H017GA	4	2	10200		1		1	—	0,1	—	—	3
Distant Step-by-Step Offices	2H154	2H018GF	2	2	15703	0-2000 Ω Conductor Loop With Bat.-Grd Pulsing or 0-1200 Ω Loop With Loop Pulsing	1,2		1	—	—	0,1	—	3
					15704	2000-4200 Ω Loop With Bat.-Grd Pulsing or 1200-2500 Ω Loop With Loop Pulsing	1,3		1	—	—	0,1	—	3
Distant Step-by-Step Offices (A&M Only)	2H111	2H018GB	2	2	10803	0-2000 Ω Conductor Loop With Bat.-Grd Pulsing or 0-1200 Ω Conductor Loop With Loop Pulsing	1,2		1	—	—	0,1	—	3
					10804	2000-4200 Ω Loop With Bat.-Grd Pulsing or 1200-2500 Ω Loop With Loop Pulsing	1,3		1	—	—	0,1	—	3
Local and Tandem — Delay Dial	2H149	2H018GE	1	2	14900		1		1	—	0,1	—	—	3

**TABLE C
OUTGOING TO AN OPERATOR SWITCHBOARD**

USE	SD NO.	EQUIP. J-NO.	CKTS PER UNIT	MTG PLATE SPACE (INCHES)	ORDER CODE	FEATURE OR OPTION	APP FIG.	WRG	PORTS PER CKT	SCAN PTS PER CKT				NUMBER OF PD PTS PER CKT
										SUPV			DIR	
										FAST	SLOW	BYLINK		
Verification Request and Intercept	2H107	2H018BC	1	2	20400		1		1	—	0,1	—	—	6
Local Coin Overtime, Stuck Coin to Swbd 3CL in Distant Bldg	2H113	2H018BD	1	4	21001	Prepay Coin Service	1	Z	2	—	0,1	—	2,3,4,5	12 (10)
					21021	Dial Tone First Service		Y						
Local Test Desk No. 14	2H141	2H018BF	2	2	23500		1		1	—	0,1	—	—	3
Crossbar Tandem CAMA or TSPS, Step-by-Step CAMA, or TSP No. 1	2H144	2H018BE	2	2	23827	For Use With Crossbar Tandem CAMA	1	X,V	1	—	0,1	—	—	4
					23822	Dial Tone First Service to TSP or TSPS No. 1		X,U		0,1	—	—		
					23828	For Use With Step-by-Step CAMA Offices		W,V		—	0,1	—	—	
					23801	Noncoin or Prepay Coin Service to TSP or TSPS No. 1		X,V		0,1	—	—	—	
Coin Zone Dialing to Swbd No. 3CL in Distant Bldg	2H151	2H018BL	1	6	23901	Prepay Coin Service	1	Z	2	—	0,1	—	2,3,4,5	12 (11)
					23921	Dial Tone First Service		Y						
Repair Service Desk No. 2	2H147	2H018BH	1	2	24800		1		1	—	0,1	—	—	3

TABLE D
INCOMING FROM AN OPERATOR SWITCHBOARD OR DESK

USE	SD NO.	EQUIP. J-NO.	CKTS PER UNIT	MTG PLATE SPACE (INCHES)	ORDER CODE	FEATURE OR OPTION	APP FIG.	WRG	PORTS PER CKT	SCAN PTS PER CKT			NUMBER OF PD PTS PER CKT	
										SUPV				DIR
										FAST	SLOW	BYLINK		
Local Test Desk No. 14 or Local Test Cab. No. 3	2H109	2H018GA	1	2	30630	Office Is Not Range Extended Used as Operator No-Test Trunk in Range-Extended Office	1	X	1	—	0,1	—	2,3,4,5	5
					30629	All Other Cases		Y						

TABLE E
2-WAY TO AN OPERATOR SWITCHBOARD

USE	SD NO.	EQUIP. J-NO.	CKTS PER UNIT	MTG PLATE SPACE (INCHES)	ORDER CODE	FEATURE OR OPTION	APP FIG.	WRG	PORTS PER CKT	SCAN PTS PER CKT			NUMBER OF PD PTS PER CKT	
										SUPV				DIR
										FAST	SLOW	BYLINK		
Swbd No. 3CL in Dist Bldg	2H110	2H017CA	4	2	40701	Noncoin or Prepay Coin Service	1	X,T	1	0,1	—	—	—	3
					40721	Dial Tone First Service		W,T						

TABLE F
2-WAY TRUNK CIRCUITS

USE	SD NO.	EQUIP. J-NO.	CKTS PER UNIT	MTG PLATE SPACE (INCHES)	ORDER CODE	FEATURE OR OPTION	APP FIG.	WRG	PORTS PER CKT	SCAN PTS PER CKT			NUMBER OF PD PTS PER CKT	
										SUPV				DIR
										FAST	SLOW	BYLINK		
Foreign Exchange Trunk (Long Haul) A&B Lead Supervision	2H180	2H018CH	1	4	56441	Not Used With Tie-Line Cut-Through Service	1	Z	1	—	0,1	—	—	4
					56440	Used With Tie-Line Cut-Through Service	1,2	2						
2-Way Trunk — E&M Lead Supervision	2H112	2H018CB	2	4	50937	Incoming, Outgoing or 2-Way Interoffice Trunk Circuit, Outgoing Trunk Circuit to CAMA, or Outgoing Trunk Circuit to Intercept Systems (Noncoin or Prepay Coin) — Arranged For MF Signaling	1	Q,R,K,M	1	—	0,1	—	—	6
					50938	Incoming Interoffice Trunk Circuit Arranged for Dial Pulsing	1	Q,R,K,M						
					50939	Incoming, Outgoing or 2-Way Interoffice Trunk Circuit Arranged For Incoming MF Signaling and Outgoing Dial Pulsing	1,2	Q,K,M						
					50907	Bus Pickoff In Addition to Features Described in 50939	1,2,3	Q,K,M						
					50901	Incoming or Outgoing Trunk Circuit to Switchboard 3CL, Outgoing Trunk Circuit to TSP or TSPS No. 1 — Noncoin or Prepay Coin, MF Signaling	1	Q,R,K,M						
					50921	Incoming or Outgoing Trunk Circuit to Switchboard 3CL — Dial Tone First, MF Signaling	1	R,V,K,M						
50922	Outgoing Trunks Circuit to TSP or TSPS No. 1 — Dial Tone First, MF Signaling	1	R,W,K,M											
2-Way Trunk — Rev Bat. Supv Incoming, Hi-Low Outgoing — Far Office Requires Start Pulsing Signal	2H148	2H018CD	1	2	55000		1		1	—	0,1	—	—	4
Foreign Exchange Trunk	2H174	2H018CE	1	2	55300		1		1	—	0,1	—	—	4

TABLE G
SERVICE, TRANSMITTER, AND RECEIVER CIRCUITS

USE	SD NO.	EQUIP. J-NO.	CKTS PER UNIT	MTG PLATE SPACE (INCHES)	ORDER CODE	FEATURE OR OPTION	APP FIG.	WRG	PORTS PER CKT	SCAN PTS PER CKT			NUMBER OF PD PTS PER CKT	
										SUPV				DIR
										FAST	SLOW	BYLINK		
Junctor	2H102	2H017DA	4	2	60000		1		1	—	0,1	—	—	3
Customer Dial Pulse Receiver (A&M Only)	2H114	2H018DA	1	2	61123	Used With Associated TOUCH-TONE Calling Detector (See Order Code 64000)	1		1	—	—	—	0	3
					61124	Used Without Associated TOUCH-TONE Calling Detector								
Ringling Circuit for Individual, 2-Party, Coin, and PBX	2H116	2H018DC	2	2	61200		1		1	—	1	—	0	3
Tone or Recorded Announcement	2H118	2H018DD	12	2	61400		1		1	—	—	—	—	0
Audible Ring and Recorded Announcement	2H119	2H018DE	6	2	61500		1		1	—	—	—	—	0
MF Transmitter	2H121	2H018DG	1	4	61700		1		1	—	—	—	0,1,2,3	7
Trunk Dial Pulse Transmitter	2H122	2H018BK	2	4	61800	2-Ckt Unit	1		1	—	—	—	0,1	3
					61807	2-Ckt Unit With Bus Pickoff								
Trunk Dial Pulse Receiver	2H123	2H018DJ	3	6	61900		1		1	—	—	—	0	2
MF Receiver	2H124	2H018DK	1	4	62000		1		1				0,1,2,3,4,5,6,7	2
Coin Control	2H125	2H018DL	1	2	62100		1		1	—	—	—	0,1,2	4
Ringling Ckt for Coded, Superimposed, Reverting and Rural Ringing	2H126	2H018DM	1	2	62208	Offices Having Less Than 15 k Ω But Not Less Than 10 k Ω Min Line Leak	1,2		1	—	1	—	0	6
					62209	Offices Having Min Line Leak Res Not Less Than 15 k Ω								
3-Port Conference Ckt	2H137	2H018DN	1	4	63300		1		3	—	0,1,2	—	—	12
TOUCH-TONE Calling Detector	1A173	1A033DD	2	6	64000	Used With Order Codes 61124, 65824	1		—	—	—	—	0-8	0
Centrex Attendant Trunk	2H173	2H018DR	2	4	65200		1		—	—	0,1	—	—	5
Customer Dial Pulse Receiver	2H177	2H018DV	2	4	65823	Used With Associated TOUCH-TONE Calling Detector	1		1	—	—	—	0	3
					65824	Used Without Associated TOUCH-TONE Calling Detector								
Code Call Interface Ckt	2H156	2H018DT	2	2	65900		1		1	—	0,1	—	—	3
Dial Pulse Repeater	2H155	2H018DS	2	4	66000		1		1	—	0,1	—	—	3
6-Port Conference Ckt	2H176	2H018DW	1	6	66200		1		6	—	0,1,2,3,4,5	—	—	12
Tie-Line Cut-Through Service Circuit	2H178	2H018DX	2	4	66300		1		0	—	—	—	—	1

Table G

TABLE H
MISCELLANEOUS TEST AND MAINTENANCE CIRCUITS

USE	SD NO.	EQUIP. J-NO.	CKTS PER UNIT	MTG PLATE SPACE (INCHES)	ORDER CODE	FEATURE OR OPTION	APP FIG.	WRG	PORTS PER CKT	SCAN PTS PER CKT			NUMBER OF PD PTS PER CKT	
										SUPV				DIR
										FAST	SLOW	BYLINK		
Trunk Peripheral Decoder Applique	2H117	2H018FA	24	2	71300		1		—	—	—	—	1	
Transmissions Test Terminations	2H127	2H018FB	1	2	72310	Balance Ckt Term.	1		1	—	0,1,2,	—	—	9 (6)
			1	2	72311	Short Ckt Term.	2		1					
			1	2	72312	Open Ckt Term.	3		1					
			2	2	72313	Balance Ckt and Short Ckt Term.	1,2		1					
			2	2	72314	Balance Ckt and Open Ckt Term.	1,3		1					
			2	2	72315	Short Ckt and Open Ckt Term.	2,3		1					
3	2	72316	Balance Ckt, Short Ckt, Open Ckt Term.	1,2,3		1								
Continuity Polarity Test	2H128	2H018FC	1	2	72400		1		1	—	—	—	0	3
Combined Milliwatt and Loop-Around Test	2H136	2H018FL	1	2	73217	When Used With 60A Control Unit	1	W	*	—	0,1	—	—	6 (5)
					73218	When Used Without 60A Control Unit	1	X	*					
TOUCH-TONE Detector Test	2H131	2H018FF	1	4	72700		1		1	—	—	—	0,1,2	8
Tone Presence Detector	2H132	2H018FG	1	4	72800		1		1	—	0	—	—	3
Dial Pulse Receiver Test	2H133	2H018FH	1	4	72900		1		1	—	—	—	0	6
MF Test Environment	2H134	2H018FJ	1	4	73000		1		2	—	—	—	0	5
Ringling and Coin Control Test	2H135	2H018FK	1	2	73100		1		1	—	—	—	0,1	5
Interrupter Applique	2H138	2H018FM	8	2	73400		1		—	—	—	—	0	2
Line Insulation Test	2H142	2H018FR	1	10	73600		1		1	—	—	—	0,1,2	1,2
Auxiliary Line	2H143	2H018FS	6	2	73700		1		—	—	—	—	—	1
Station Ringer Test	2H129	2H018FD	1	4	72519	—130V Coin Return — Used with 74100 TOUCH-TONE Station Test Circuit	1		—	—	—	—	—	1
					72520	+130V Coin Return — Used with 74100 TOUCH-TONE Station Test Circuit	1	Y	2					
TOUCH-TONE Station Test	1A199	1A033FR	1	4	74100	Used With Order Codes 72519, 72520	1		—	—	—	—	0,1,2,3,4,5,6,7,8	0
Master Scanner Applique	1A133	1A033FD	32	2	74200		1		—	—	—	—	0	0
Remote Master Scanner Applique	1A210	1A033GA	8	2	74300		1		—	—	—	—	0	0
Remote Trunk Peripheral Decoder Applique	2H130	2H018FE	6	2	72600		1		—	—	—	—	—	1
Trunk Peripheral Decoder Applique Circuit (4 Contact), Arranged for Use With Switched Gain Repeater	2H170	2H018FZ	6	2	74725	For Use as Applique Circuit	1	Z	—	—	—	—	—	1
				10	74726	Arranged for Use With Switched Gain Repeaters	1	Y,X	—					
Time-of-Day Correction Timer	2H095	2H018FX	1	4	74400		1		—	—	—	—	0	0
Ground Cross Detecting	2H096	2H018FV	1	2	74500		1		1	—	—	—	0,1,2	0
Precise Level Tone Test	2H169	2H018FY	1	2	74600		1		—	—	—	—	0	3

*Two 1-port circuits per circuit

TABLE H (Cont)
MISCELLANEOUS TEST AND MAINTENANCE CIRCUITS

USE	SD NO.	EQUIP. J-NO.	CKTS PER UNIT	MTG PLATE SPACE (INCHES)	ORDER CODE	FEATURE OR OPTION	APP FIG.	WRG	PORTS PER CKT	SCAN PTS PER CKT			NUMBER OF PD PTS PER CKT	
										SUPV				DIR
										FAST	SLOW	BYLINK		
Centrex Attendant Loop	2H172	2H018FN	1	2	75100		1		2	—	0,1	—	—	6
Plug in 5-dB Switched Gain Repeater	99488	(2)99338AA	1	—	75400	Used With Order Code 74726	—	—	—					
Plug in Bridging Switched Gain Repeater	99488	99338AB 99338AC	1	—	75500	Used With Order Code 74726	—	—	—					
Emergency Manual Line	1A156	1A048AK	1	6	76131	E&M Lead Supervision Associated With F-Type Signaling Set — No Transfer Feature	2	K	1	—	—	—	0,1	0
					76132	E&M Lead Supervision Associated With E&M Lead Applique Ckt — No Transfer Feature	2	L						
					76133	E&M Lead Supervision With Transfer Feature, Associated With F-Type Signaling Set	2,3	K,V						
					76134	E&M Lead Supervision With Transfer Feature, Associated With E&M Lead Applique	2,3	L,V						
		1A048AL	1	6	76135	Reverse Battery Supervision No Transfer Feature	1							
					76136	Reverse Battery Supervision With Transfer Feature	1,3	V						

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Table H (Cont)