

ATTENDANT EQUIPMENT

1- AND 2-TYPE TELEPHONE CONSOLE WITH FIXED LOOP TERMINATION

METHOD OF OPERATION

NO. 5 CROSSBAR CENTREX CO

ARRANGED FOR PHASE III CENTREX

1. GENERAL

1.01 This section covers the method of operating 1- and 2-type telephone consoles with fixed loop termination when used as the attendant position in No. 5 crossbar offices arranged for Phase III centrex.

1.02 When initiating calls in Tables B through O, usage (PEG) registers associated with the attendant trunks, auxiliary trunks, and attendant access trunks will score. The reporting of these register operations should be made in accordance with local instructions.

2. METHOD OF OPERATION

2.01 When operational tests of the 1- and 2-type consoles are made it will be necessary to remove the customer position from service. When the console is being tested, test lines, test desk, etc, should be employed to establish the necessary conditions for test.

Caution: Care should be exercised when removing equipment from service during busy periods, to prevent adverse customer reactions.

2.02 The telephone console is equipped with nonlocking trunk pickup keys (TRK) and the following nonlocking common control keys: start in (STI), start out (STO), end (END), position available (PA RLS), out line (OUT LINE), supervisor (SUPV), exclude source (EXCL SRC), exclude destination (EXCL DEST), hold (HOLD), signal source (SIG SRC), conference (CONF-), signal destination (SIG DEST), release destination (RLS DEST), and release source (RLS SRC). The following keys are turnbutton: buzzer on (BZ ON), buzzer volume (BZ VOL),

nite (NITE), and position busy (POS BSY). The position busy key makes the position busy to fixed loop calls. It will not make busy the out line, auxiliary outgoing trunks, conference circuits, or the attendant access trunks. The conference circuit is made busy by removing the headset or equipment from the console telephone jacks.

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TABLE A

LEGEND

KEY OPERATION		LAMP OPERATION	
R	Released		Steadily Lighted
O	Operated		Dark
MO	Momentarily Operated		Flashing — 30 ipm
			Flashing — 60 ipm
			Flashing — 120 ipm

TABLE B

INCOMING CALL — LISTED DIRECTORY NUMBER (LDN) TYPE

CONDITION		RESULTS																						
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS							
		KEYS										LAMPS												
		TRK	START OUT	END	START IN	RLS DEST	HOLD	EXCL SRC	EXCL DEST	SIG DEST	SIG SRC	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST		ATND TRK						
																		TRK	SRC	DEST				
Incoming Call																								
1	Idle condition															○	●				●	●	●	
2	Incoming LDN call															●	●				●	60	●	Audible signal sounded
3	Atnd answers	MO														●	●				○	○	●	2-way conversation — atnd, customer
Call Extended to Idle Station Within Customer Group (STO) Basis — Attendant Release After Station Answers																								
4	Dial tone connection		MO													●	○				○	○	●	Dial tone heard
5	Atnd dials centrex station			MO												●	●				○	○	●	Ringing tone heard
6	Centrex station answers															●	●				○	○	○	3-way conversation — atnd, customer, centrex station
7	Atnd releases												MO			○	●				●	○	○	Console idle 2-way conversation — customer, centrex station
8	Customer and centrex station release															○	●				●	●	●	Trunk idle
Call Extended to Idle Station Within Customer Group (STO) Basis — Attendant Release Before Station Answers																								
9	Dial tone connection		MO													●	○				○	○	●	Dial tone heard
10	Atnd dials centrex station			MO												●	●				○	○	●	Ringing tone heard
11	Atnd releases												MO			○	●				●	○	●	Console idle
12	Centrex station answers															○	●				●	○	○	2-way conversation — customer, centrex station

TABLE B (Cont)

INCOMING CALL — LISTED DIRECTORY NUMBER (LDN) TYPE

CONDITION																	RESULTS						
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS						
		KEYS										LAMPS											
		TRK	START OUT	END	START IN	RLS DEST	HOLD	EXCL SRC	EXCL DEST	SIG DEST	SIG SRC	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK						
															TRK	SRC	DEST						
13	Customer and centrex station release															○	●			●	●	●	Trunk idle
Call Extended to Idle Station Outside Customer Group (STO) Basis — Attendant Release After Station Answers																							
14	Dial tone connection		MO												●	○			○	○	●	Dial tone heard	
15	Atnd dials access code														●	○			○	○	●	Dial tone heard	
16	Atnd dials outside customer			MO											●	●			○	○	○	Ringing tone heard	
17	Outside customer answers														●	●			○	○	○	3-way conversation — atnd, incoming customer, outside customer station	
18	Atnd releases										MO	○	●			●	○	○	○	○	○	Console idle	
19	Incoming customer and outside customer release														○	●			●	●	●	Trunk idle	
Call Extended to Idle Station Outside Customer Group (STO) Basis — Attendant Release Before Station Answers																							
20	Dial tone connection		MO												●	○			○	○	●	Dial tone heard	
21	Atnd dials access code														●	○			○	○	●	Dial tone heard	
22	Atnd dials outside customer			MO											●	●			○	○	○	Ringing tone heard	
23	Atnd releases										MO	○	●			●	○	○	○	○	○	Console idle	
24	Outside customer answers														○	●			●	○	○	2-way conversation — incoming customer, outside customer	

TABLE B (Cont)

INCOMING CALL — LISTED DIRECTORY NUMBER (LDN) TYPE

CONDITION		RESULTS																					
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS						
		KEYS											LAMPS										
		TRK	START OUT	END	START IN	RLS DEST	HOLD	EXCL SRC	EXCL DEST	SIG DEST	SIG SRC	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST				ATND TRK			
																TRK	SRC	DEST					
25	Incoming customer and outside customer release															○	●			●	●	●	Trunk idle
Call Extended to Idle Station Within Customer Group (STI) Basis — Attendant Release After Station Answers																							
26	Dial tone connection				MO										●	○			○	○	●	Dial tone heard	
27	Atnd dials centrex station			MO											●	●			○	○	30	Ringling tone heard	
28	Centrex station answers														●	●			○	○	○	3-way conversation — atnd, customer, centrex station	
29	Atnd releases											MO			○	●			●	*	*	Console idle *In 2 to 4 seconds, lamps extinguished	
Call Extended to Idle Station Within Customer Group (STI) Basis — Attendant Release Before Station Answers																							
30	Dial tone connection				MO										●	○			○	○	●	Dial tone heard	
31	Atnd dials centrex station			MO											●	●			○	○	30	Ringling tone heard	
32	Atnd releases											MO			○	●			●	○	30	Console idle	
33	Centrex station answers														○	●			●	*	*	2-way conversation — customer, centrex station *In 2 to 4 seconds, lamps extinguished	
Call Extended to Busy Station Within Customer Group (STO) Basis																							
34	Dial tone connection		MO												●	○			○	○	●	Dial tone heard	
35	Atnd dials busy centrex station			MO											●	●			○	○	○	Busy tone heard	

TABLE B (Cont)

INCOMING CALL — LISTED DIRECTORY NUMBER (LDN) TYPE

CONDITION		RESULTS																								
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE																	REMARKS							
		KEYS											LAMPS													
		TRK	START OUT	END	START IN	RLS DEST	HOLD	EXCL SRC	EXCL DEST	SIG DEST	SIG SRC	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK									
																	TRK	SRC		DEST						
36	Atnd releases busy centrex station					MO										●	●					○	○	●	2-way conversation — atnd, customer	
37	Atnd and customer release											MO	○	●									●	●	●	Console idle
Call Extended to Busy Station Within Customer Group (STI) Basis																										
38	Dial tone connection				MO											●	○						○	○	●	Dial tone heard
39	Atnd dials busy centrex station			MO												●	●						○	○	60	Busy tone heard
40	Atnd releases busy centrex station					MO										●	●						○	○	●	2-way conversation — atnd, customer
41	Atnd and customer release											MO	○	●									●	●	●	Console idle
Call Extended to Idle Station Within Customer Group (STI) Basis — Attendant Holds Connection — Customer and Centrex Station Release																										
42	Dial tone connection				MO											●	○						○	○	●	Dial tone heard
43	Atnd dials centrex station			MO												●	●						○	○	30	Ring tone heard
44	Centrex station answers															●	●						○	○	○	3-way conversation — atnd, centrex station, customer
45	Atnd holds connection						MO									●	●						30	○	○	
46	Atnd releases											MO	○	●									30	○	○	Console idle
47	Centrex station and customer release												○	●									●	●	●	Trunk idle

TABLE B (Cont)

INCOMING CALL — LISTED DIRECTORY NUMBER (LDN) TYPE

CONDITION		RESULTS																					
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS						
		KEYS										LAMPS											
		TRK	START OUT	END	START IN	RLS DEST	HOLD	EXCL SRC	EXCL DEST	SIG DEST	SIG SRC	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST				ATND TRK			
																	TRK	SRC	DEST				
Attendant Holds Trunk — Attempts to Re-enter Connection — Lockout Not Provided																							
48	Dial tone connection				MO											●	○			○	○	●	Dial tone heard
49	Atnd dials centrex station			MO												●	●			○	○	30	Ringing tone heard
50	Centrex station answers															●	●			○	○	○	3-way conversation — atnd, centrex station, customer
51	Atnd holds trunk					MO										●	●			30	○	○	
52	Atnd releases											MO	○	●						30	○	○	Console idle
53	Atnd re-enters connection	MO											●	●						○	○	○	3-way conversation — atnd, centrex station, customer
54	Atnd releases											MO	○	●						●	○	○	Console idle
55	Centrex station and customer release												○	●						●	●	●	Trunk idle
Attendant Holds Trunk — Attempts to Re-enter Connection — Lockout Provided																							
56	Dial tone connection				MO											●	○			○	○	●	Dial tone heard
57	Atnd dials centrex station			MO												●	●			○	○	30	Ringing tone heard
58	Centrex station answers															●	●			○	○	○	3-way conversation — atnd, centrex station, customer
59	Atnd holds trunk					MO										●	●			30	○	○	
60	Atnd releases											MO	○	●						30	○	○	Console idle

TABLE B (Cont)

INCOMING CALL — LISTED DIRECTORY NUMBER (LDN) TYPE

CONDITION		RESULTS																						
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE																		REMARKS				
		KEYS												LAMPS										
		TRK	START OUT	END	START IN	RLS DEST	HOLD	EXCL SRC	EXCL DEST	SIG DEST	SIG SRC	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK							
																	TRK	SRC	DEST					
Call Extended to Idle Station Within Customer Group (STI) Basis — Attendant Holds Trunk — Destination Re-calls Attendant																								
73	Dial tone connection				MO										●	○					○	○	●	Dial tone heard
74	Atnd dials centrex station				MO										●	●					○	○	30	3-way conversation — atnd, centrex station, customer
75	Station answers														●	●					○	○	○	3-way conversation — atnd, centrex station, customer
76	Atnd holds trunk														●	●					30	○	○	
77	Atnd releases													MO	○	●					30	○	○	Console idle
78	Centrex station recalls atnd by flashing switch hook														●	●					30	○	120	Audible signal sounded
79	Atnd re-enters connection	MO													●	●					○	○	○	3-way conversation — atnd, centrex station, customer
80	Atnd releases													MO	○	●					●	○	○	Console idle
81	Centrex station and customer release														○	●					●	●	●	Trunk idle
Call Extended to Intercepted Station Within Customer Group (STO) Basis																								
82	Dial tone connection		MO												●	○					○	○	●	Dial tone heard
83	Atnd dials centrex station				MO										●	●					○	○	●	Recorded announcement heard
84	Atnd releases recorded announcement														●	●					○	○	●	2-way conversation — atnd, customer

TABLE B (Cont)

INCOMING CALL — LISTED DIRECTORY NUMBER (LDN) TYPE

CONDITION																	RESULTS						
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS						
		KEYS										LAMPS											
		TRK	START OUT	END	START IN	RLS DEST	HOLD	EXCL SRC	EXCL DEST	SIG DEST	SIG SRC	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST		ATND TRK					
																TRK	SRC	DEST					
85	Atnd and customer release														MO	○	●			●	●	●	Console idle
Call Extended to Intercepted Station Within Customer Group (STI) Basis																							
86	Dial tone connection				MO											●	○			○	○	●	Dial tone heard
87	Atnd dials centrex station			MO												●	●			○	○	●	Recorded announcement heard
88	Atnd releases recorded announcement					MO										●	●			○	○	●	2-way conversation — atnd, customer
89	Atnd and customer release													MO	○	●			●	●	●	Console idle	
Call Extended to Idle Station Within Customer Group (STO) Basis — Destination Re-calls Attendant																							
90	Dial tone connection		MO													●	○			○	○	●	Dial tone heard
91	Atnd dials centrex station			MO												●	●			○	○	●	Ringing tone heard
92	Centrex station answers															●	●			○	○	○	3-way conversation — atnd, customer, centrex station
93	Atnd releases												MO	○	●			●	○	○		Console idle 2-way conversation — customer, centrex station	
94	Centrex station recalls atnd by flashing switch hook															●	●			●	○	Ⓣ	Audible signal sounded
95	Atnd re-enters connection	MO														●	●			○	○	○	3-way conversation — atnd, customer, centrex station

TABLE B (Cont)

INCOMING CALL — LISTED DIRECTORY NUMBER (LDN) TYPE

CONDITION		RESULTS																					
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS						
		KEYS										LAMPS											
		TRK	START OUT	END	START IN	RLS DEST	HOLD	EXCL SRC	EXCL DEST	SIG DEST	SIG SRC	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST		ATND TRK					
																TRK	SRC	DEST					
96	Atnd releases														MO	○	●			●	○	○	Console idle 2-way conversation — customer, centrex station
97	Customer and centrex station release															○	●			●	●	●	Trunk idle
Incoming Central Office Operator Completed Call, Extended to Idle Station Within Customer Group (STO) Basis — Attendant Re-calls Operator																							
98	Dial tone connection		MO													●	○			○	○	●	Dial tone heard
99	Atnd dials centrex station			MO												●	●			○	○	●	Ring tone heard
100	Centrex station answers															●	●			○	○	○	3-way conversation — atnd, customer, centrex station
101	Atnd recalls CO operator													MO		●	●			○	○	○	Supervisory cord lamp at CO operator position flashes with operation and release of SIG SRC key by atnd
102	CO operator re-enter connection															●	●			○	○	○	4-way conversation — atnd, CO operator, centrex station, customer
103	Atnd releases													MO	○	●			●	○	○	Console idle	
104	CO operator and centrex station release															○	●			●	●	●	Trunk idle
Call Extended to Toll Operator — Attendant Re-calls Operator																							
105	Dial tone connection		MO													●	○	●		○	○	●	Dial tone heard

TABLE B (Cont)

INCOMING CALL — LISTED DIRECTORY NUMBER (LDN) TYPE

CONDITION		RESULTS																								
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS									
		KEYS										LAMPS														
		TRK	START OUT	END	START IN	RLS DEST	HOLD	EXCL SRC	EXCL DEST	SIG DEST	SIG SRC	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST				ATND TRK						
																				TRK	SRC	DEST				
128	Customer and distant station release															○	●					●	●	●	Trunk idle	
Call Extended to Auxiliary Outgoing Trunk — Distant Office Tie Trunk Terminated at PBX Operator or Attendant Position																										
129	Dial tone connection		MO														●	○					○	○	●	Dial tone heard
130	Atnd dials 1XX auxiliary outgoing trunk access code			MO													●	●					○	○	○	Ringing tone heard
131	Distant operator answers and completes call																●	●					○	○	○	3-way conversation — atnd, customer, distant station
132	Atnd releases											MO				○	●					●	○	○	2-way conversation — customer, distant station — Console idle	
133	Customer and distant station release															○	●					●	●	●	Trunk idle	

TABLE C

INCOMING CALL — TRANSFER (TR) TYPE

CONDITION		RESULTS																
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS	
		KEYS									LAMPS							
		TRK	START OUT	END	START IN	RLS DEST	EXCL SRC	EXCL DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK			
															TRK	SRC		DEST
Incoming Call																		
1	Idle condition										○	●			●	●	●	
2	Customer connected to centrex station and centrex station initiates transfer to atnd										●	●			●	120	○	Audible signal sounded
3	Atnd answers										●	●			○	○	○	3-way conversation — atnd, customer, originating centrex station
Call Extended to Idle Station Within Customer Group (STO) Basis — Attendant Release After Station Answers																		
4	Atnd releases originating centrex station				MO						●	●			○	○	●	2-way conversation — atnd, customer
5	Dial tone connection		MO								●	○			○	○	●	Dial tone heard
6	Atnd dials 2nd centrex station			MO							●	●			○	○	●	Ringing tone heard
7	2nd centrex station answers										●	●			○	○	○	3-way conversation — atnd, customer, 2nd centrex station
8	Atnd releases								MO		○	●			●	○	○	Console idle 2-way conversation — customer, 2nd centrex station
9	Customer and 2nd centrex station release										○	●			●	●	●	Trunk idle
Call Extended to Idle Station Within Customer Group (STO) Basis — Originating Station Not Released Before Dialing																		
10	Dial tone connection		MO								●	○			○	○	●	Dial tone heard

TABLE C (Cont)
INCOMING CALL — TRANSFER (TR) TYPE

CONDITION		RESULTS																
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS	
		KEYS									LAMPS							
		TRK	START OUT	END	START IN	RLS DEST	EXCL SRC	EXCL DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK			
															TRK	SRC		DEST
11	Atnd dials 2nd centrex station			MO							●	●			○	○	●	Ringing tone heard
12	2nd centrex station answers										●	●			○	○	○	4-way conversation — atnd, customer, originating centrex station, 2nd centrex station
13	Atnd releases								MO	○	●				●	○	○	Console idle 3-way conversation — customer, originating centrex station, 2nd centrex station
14	Customer, originating centrex station, and 2nd centrex station release									○	●				●	●	●	Trunk idle
Call Extended to Idle Station Within Customer Group (STO) Basis — Attendant Release Before Station Answers																		
15	Atnd releases originating centrex station				MO						●	●			○	○	●	2-way conversation — atnd, customer
16	Dial tone connection		MO								●	○			○	○	●	Dial tone heard
17	Atnd dials centrex station			MO							●	●			○	○	●	Ringing tone heard
18	Atnd releases								MO	○	●				●	○	●	Console idle
19	Centrex station answers									○	●				●	○	○	2-way conversation — customer, centrex station
20	Customer and centrex station release									○	●				●	●	●	Trunk idle
Call Extended to Idle Station Within Customer Group (STI) Basis — Attendant Release After Station Answers																		
21	Atnd releases originating centrex station				MO						●	●			○	○	●	2-way conversation — atnd, customer

TABLE C (Cont)

INCOMING CALL — TRANSFER (TR) TYPE

CONDITION		RESULTS																	
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS		
		KEYS									LAMPS								
		TRK	START OUT	END	START IN	RLS DEST	EXCL SRC	EXCL DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK				
															TRK	SRC		DEST	
22	Dial tone connection				MO						●	○				○	○	●	Dial tone heard
23	Atnd dials centrex station			MO							●	●				○	○	30	Ringling tone heard
24	Centrex station answers										●	●				○	○	○	3-way conversation — atnd, customer, centrex station
25	Atnd releases								MO	○	●				●	*	*	Console idle *In 2 to 4 seconds, lamps extinguished.	
Call Extended to Idle Station Within Customer Group (STI) Basis — Attendant Release Before Station Answers																			
26	Atnd releases originating centrex station				MO						●	●				○	○	●	2-way conversation — atnd, customer
27	Dial tone connection				MO						●	○				○	○	●	Dial tone heard
28	Atnd dials centrex station			MO							●	●				○	○	30	Ringling tone heard
29	Atnd releases								MO	○	●				●	○	30	Console idle	
30	Centrex station answers										○	●				●	*	*	2-way conversation — customer, centrex station *In 2 to 4 seconds, lamps extinguished
Call Extended to Busy Station Within Customer Group (STO) Basis — Originating Station Released Before Dialing																			
31	Atnd releases originating centrex station				MO						●	●				○	○	●	2-way conversation — atnd, customer
32	Dial tone connection		MO								●	○				○	○	●	Dial tone heard
33	Atnd dials centrex station			MO							●	●				○	○	○	Busy tone heard

TABLE C (Cont)
INCOMING CALL — TRANSFER (TR) TYPE

CONDITION		RESULTS																				
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS					
		KEYS									LAMPS											
		TRK	START OUT	END	START IN	RLS DEST	EXCL SRC	EXCL DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK							
															TRK	SRC		DEST				
34	Atnd releases busy centrex station					MO											●	●	○	○	●	2-way conversation — atnd, customer
35	Atnd and customer release								MO	○	●						●	●	●			Console and trunk idle
Call Extended to Busy Station Within Customer Group (STO) Basis — Originating Station Not Released Before Dialing																						
36	Dial tone connection		MO								●	○					○	○	●			Dial tone heard
37	Atnd dials busy centrex station			MO							●	●					○	○	○			Busy tone heard
38	Atnd releases busy centrex station					MO					●	●					○	○	○			3-way conversation — atnd, customer, originating centrex station
39	Atnd, originating centrex station, and customer release								MO	○	●						●	●	●			Console and trunk idle
Call Extended to Busy Station Within Customer Group (STI) Basis																						
40	Atnd releases originating centrex station					MO					●	●					○	○	●			2-way conversation — atnd, customer
41	Dial tone connection				MO						●	○					○	○	●			Dial tone heard
42	Atnd dials busy centrex station			MO							●	●					○	○	60			Busy tone heard
43	Atnd releases busy centrex station					MO					●	●					○	○	●			2-way conversation — atnd, customer
44	Atnd and customer release								MO	○	●						●	●	●			Console and trunk idle
Call Extended to Idle Station Outside Customer Group (STO) Basis — Attendant Release After Station Answers																						
45	Atnd releases originating centrex station					MO					●	●					○	○	●			

TABLE C (Cont)

INCOMING CALL — TRANSFER (TR) TYPE

CONDITION		RESULTS																
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS	
		KEYS									LAMPS							
		TRK	START OUT	END	START IN	RLS DEST	EXCL SRC	EXCL DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK			
															TRK	SRC		DEST
46	Dial tone connection		MO								●	○			○	○	●	Dial tone heard
47	Atnd dials access code										●	○			○	○	●	Dial tone heard
48	Atnd dials outside customer			MO							●	●			○	○	●	Ringing tone heard
49	Outside customer answers										●	●			○	○	○	3-way conversation — atnd, incoming customer, outside customer
50	Atnd releases								MO		○	●			●	○	○	Console idle
51	Incoming and outside customers release										○	●			●	●	●	Trunk idle
Call Extended to Intercepted Station Within Customer Group (STO) Basis — Originating Station Not Released																		
52	Dial tone connection		MO								●	○			○	○	●	Dial tone heard
53	Atnd dials centrex station			MO							●	●			○	○	●	Recorded announcement heard
54	Atnd releases recorded announcement					MO					●	●			○	○	○	3-way conversation — atnd, customer, originating centrex station
55	Atnd, customer, and originating centrex station release								MO		○	●			●	●	●	Console and trunk idle
Call Extended to Intercepted Station Within Customer Group (STI) Basis — Originating Station Released																		
56	Atnd releases originating centrex station					MO					●	●			○	○	●	2-way conversation — atnd, customer
57	Dial tone connection				MO						●	○			○	○	●	Dial tone heard
58	Atnd dials centrex station			MO							●	●			○	○	●	Recorded announcement heard

TABLE C (Cont)
INCOMING CALL — TRANSFER (TR) TYPE

CONDITION											RESULTS										
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE											REMARKS								
		KEYS								LAMPS											
		TRK	START OUT	END	START IN	RLS DEST	EXCL SRC	EXCL DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK						
													TRK	SRC	DEST						
59	Atnd releases recorded announcement					MO								●	●			○	○	●	2-way conversation — atnd, customer
60	Atnd and customer release									MO				○	●			●	●	●	Console and trunk idle
Call Extended to Idle Station Within Customer Group (STO) Basis — Attendant Excludes Source and Destination																					
61	Atnd excludes customer and originating centrex station					MO								●	●	○	●	○	○	○	Customer, originating centrex station excluded
62	Dial tone connection		MO											●	○	○	●	○	○	●	Dial tone heard
63	Atnd dials 2nd centrex station			MO										●	●	○	●	○	○	●	Ringing tone heard
64	2nd centrex station answers													●	●	○	●	○	○	○	2-way conversation — atnd, 2nd centrex station
65	Atnd excludes 2nd centrex station							MO						●	●	●	○	○	○	○	3-way conversation — atnd, customer, originating centrex station
66	Atnd removes exclusion	MO												●	●	●	●	○	○	○	4-way conversation — atnd, customer, originating centrex station, 2nd centrex station
67	Atnd releases								MO					○	●	●	●	●	○	○	Console idle
68	Customer and centrex stations release													○	●	●	●	●	●	●	Trunk idle
Call Extended to Idle Station Within Customer Group (STO) Basis — Destination Re-calls Attendant																					
69	Atnd releases originating centrex station					MO								●	●			○	○	●	2-way conversation — atnd, customer
70	Dial tone connection		MO											●	○			○	○	●	Dial tone heard

TABLE C (Cont)

INCOMING CALL — TRANSFER (TR) TYPE

CONDITION		RESULTS																
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS	
		KEYS									LAMPS							
		TRK	START OUT	END	START IN	RLS DEST	EXCL SRC	EXCL DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK			
															TRK	SRC		DEST
71	Atnd dials centrex station			MO						●	●			○	○	●	Ringing tone heard	
72	Centrex station answers									●	●			○	○	○	3-way conversation — atnd, customer, 2nd centrex station	
73	Atnd releases							MO	○	●				●	○	○	Console idle 2-way conversation — customer, 2nd centrex station	
74	Centrex station recalls atnd by flashing switch hook									●	●			●	○	⑫0	Audible signal sounded	
75	Atnd re-enters connection	MO								●	●			○	○	○	3-way conversation — atnd, customer, 2nd centrex station	
76	Atnd releases							MO	○	●				●	○	○	Console idle 2-way conversation — customer, 2nd centrex station	
77	Customer and centrex station release									○	●			●	●	●	Trunk idle	
Call Extended to Idle Station Within Customer Group (STI) Basis — Attendant Holds Connection, Destination Re-calls Attendant																		
78	Atnd releases originating centrex station				MO					●	●			○	○	●	2-way conversation — atnd, customer	
79	Dial tone connection			MO						●	○			○	○	●	Dial tone heard	
80	Atnd dials centrex station			MO						●	●			○	○	③0	Ringing tone heard	
81	Centrex station answers									●	●			○	○	○	3-way conversation — atnd, customer, centrex station	

TABLE C (Cont)
INCOMING CALL — TRANSFER (TR) TYPE

CONDITION		RESULTS																	
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS		
		KEYS									LAMPS								
		TRK	START OUT	END	START IN	RLS DEST	EXCL SRC	EXCL DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK				
															TRK	SRC		DEST	
82	Atnd holds trunk								MO	●	●					30	†	†	2-way conversation — customer, centrex station †Lamps remain in same condition as before HOLD key operated
83	Atnd releases								MO	○	●					30	†	†	Console idle †Lamps remain in same condition as before HOLD key operated
84	Centrex station recalls atnd by flashing switch hook									●	●					30	○	120	Audible signal sounded
85	Atnd re-enters connection	MO								●	●					○	○	○	3-way conversation — atnd, customer, centrex station
86	Atnd releases								MO	○	●					●	*	*	Console idle *In 2 to 4 seconds, lamps extinguished

TABLE D

INCOMING CALL — DIAL ZERO (DO) TYPE

CONDITION		RESULTS																				
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS					
		KEYS										LAMPS										
		TRK	START OUT	END	EXCL SRC	EXCL DEST	SIG SRC	RLS DEST	SIG DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK						
															TRK	SRC	DEST					
Incoming Call																						
1	Idle condition																		●	●	●	
2	Centrex station dials 0																		●	●	●	Audible signal sounded
3	Atnd answers	MO																	●	●	○	2-way conversation — atnd, centrex station
Call Extended to Idle Station Outside Customer Group (STO) Basis — Station Re-calls Attendant																						
4	Dial tone connection		MO																●	○	○	Dial tone heard
5	Atnd dials access code																		●	○	○	Dial tone heard
6	Atnd dials outside customer			MO															●	●	○	Ringing tone heard
7	Outside customer answers																		●	●	○	3-way conversation — atnd, centrex station, outside customer
8	Atnd releases									MO									○	●	○	Console idle 2-way conversation — centrex station, outside customer
9	Atnd re-called by centrex station flashing switch hook																		○	●	○	*SRC lamp follows switch hook flashes
10	Atnd answers	MO																	●	●	○	3-way conversation — atnd, centrex station, outside customer
11	Atnd releases									MO									○	●	○	Console idle
12	Centrex station and outside customer release																		○	●	●	Trunk idle

TABLE D (Cont)
INCOMING CALL — DIAL ZERO (DO) TYPE

CONDITION		RESULTS																			
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS				
		KEYS										LAMPS									
		TRK	START OUT	END	EXCL SRC	EXCL DEST	SIG SRC	RLS DEST	SIG DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK					
																TRK				SRC	DEST
Call Extended to Idle Station Outside Customer Group (STO) Basis — Attendant Re-calls Originating Station																					
13	Originating station goes on-hook											●	●				○	●	●		
14	Dial tone connection		MO									●	○				○	●	●	Dial tone heard	
15	Atnd dials access code											●	○				○	●	●	Dial tone heard	
16	Atnd dials outside customer			MO								●	●				○	●	○	Ringling tone heard	
17	Outside customer answers											●	●				○	●	○	2-way conversation — atnd, outside customer	
18	Atnd re-calls originating station					MO						●	●				○	●	○	Ringling voltage applied to originating station line	
19	Originating station answers											●	●				○	○	○	3-way conversation — atnd, originating station, outside customer	
20	Atnd releases									MO		○	●				●	○	○	Console idle	
21	Centrex station and outside customer release											○	●				●	●	●	Trunk idle	
Call Extended to Idle Station Outside Customer Group (STO) Basis — Attendant Excludes Source																					
22	Atnd excludes centrex station			MO								●	●	○	●		○	○	●	Source excluded	
23	Dial tone connection		MO									●	○	○	●		○	○	●	Dial tone heard	
24	Atnd dials access code											●	○	○	●		○	○	●	Dial tone heard	
25	Atnd dials outside customer station			MO								●	●	○	●		○	○	○	Ringling tone heard	
26	Outside customer answers											●	●	○	●		○	○	○	2-way conversation — atnd, outside customer	

TABLE D (Cont)

INCOMING CALL — DIAL ZERO (DO) TYPE

CONDITION		RESULTS																		
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS			
		KEYS										LAMPS								
		TRK	START OUT	END	EXCL SRC	EXCL DEST	SIG SRC	RLS DEST	SIG DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK				
															TRK	SRC	DEST			
27	Atnd removes exclusion	MO											●	●	●	●	○	○	○	3-way conversation — atnd, centrex station, outside customer
28	Atnd releases									MO	○	●	●	●	●	○	○		Console idle	
29	Centrex station and outside customer release										○	●	●	●	●	●	●		Trunk idle	
Call Extended to Idle Station Outside Customer Group (STO) Basis — Attendant Excludes Destination																				
30	Dial tone connection		MO										●	○	●	●	○	○	●	Dial tone heard
31	Atnd dials access code												●	○	●	●	○	○	●	Dial tone heard
32	Atnd dials outside customer station			MO									●	●	●	●	○	○	○	Ringing tone heard
33	Outside customer answers												●	●	●	●	○	○	○	3-way conversation — atnd, outside customer, centrex station
34	Atnd excludes outside customer					MO							●	●	●	○	○	○	○	2-way conversation — atnd, centrex station
35	Atnd removes exclusion	MO											●	●	●	●	○	○	○	3-way conversation — atnd, outside customer, centrex station
36	Atnd releases									MO	○	●	●	●	●	○	○		Console idle	
37	Centrex station and outside customer release										○	●	●	●	●	●	●		Trunk idle	
Call Extended to Busy Station Outside Customer Group — (STO) Basis																				
38	Dial tone connection		MO										●	○			○	○	●	Dial tone heard
39	Atnd dials access code												●	○			○	○	●	Dial tone heard

TABLE D (Cont)
INCOMING CALL — DIAL ZERO (DO) TYPE

CONDITION		RESULTS																	
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS		
		KEYS									LAMPS								
		TRK	START OUT	END	EXCL SRC	EXCL DEST	SIG SRC	RLS DEST	SIG DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK			
																TRK		SRC	DEST
40	Atnd dials busy outside customer			MO							●	●			○	○	○	Busy tone heard	
41	Atnd releases busy outside customer						MO				●	●			○	○	●		
42	Atnd and centrex station release								MO	○	●				●	●	●	Console and trunk idle	
Call Extended to Intercepted Station Outside Customer Group (STO) Basis																			
43	Dial tone connection		MO								●	○			○	○	●	Dial tone heard	
44	Atnd dials access code										●	○			○	○	●	Dial tone heard	
45	Atnd dials outside customer			MO							●	●			○	○	●	Recorded announcement heard or intercept operator reached	
46	Atnd releases recorded announcement or intercept operator						MO				●	●			○	○	●		
47	Atnd and centrex station release								MO	○	●				●	●	●	Console and trunk idle	
Ringback From Toll Operator																			
48	Dial tone connection		MO								●	○			○	○	●	Dial tone heard	
49	Atnd dials access code										●	○			○	○	●	Dial tone heard	
50	Atnd dials toll operator			MO							●	●			○	○	○	Ringing tone heard	
51	Toll operator answers										●	●			○	○	○	3-way conversation — atnd, centrex station, toll operator	
52	Atnd releases								MO	○	●				●	○	○	Console idle	

TABLE D (Cont)

INCOMING CALL — DIAL ZERO (DO) TYPE

CONDITION		RESULTS																	
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS		
		KEYS									LAMPS								
		TRK	START OUT	END	EXCL SRC	EXCL DEST	SIG SRC	RLS DEST	SIG DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK			
															TRK	SRC	DEST		
53	Toll operator rings back											●	●			●	○	120	Audible signal sounded
54	Atnd re-enters connection	MO										●	●			○	○	○	3-way conversation — atnd, centrex station, toll operator
55	Atnd, toll operator, station release									MO	○	●			●	●	●	Console and trunk idle	
Call Extended to Toll Operator Outside Customer Group (STO) Basis — Attendant Re-calls Toll Operator																			
56	Dial tone connection		MO									●	○			○	○	●	Dial tone heard
57	Atnd dials access code											●	○			○	○	●	Dial tone heard
58	Atnd dials toll operator			MO								●	●			○	○	○	Ringing tone heard
59	Toll operator completes call and releases from connection											●	●			○	○	○	3-way conversation — atnd, called customer, centrex station
60	Atnd re-calls toll operator								MO			●	●			○	○	○	Supervisory cord lamp at toll operator position flashes with operation and release of SIG DEST key by atnd
61	Toll operator re-enters connection											●	●			○	○	○	4-way conversation — atnd, centrex station, toll operator, called customer
62	Toll operator and atnd release									MO	○	●			●	○	○	Console idle	
63	Centrex station and called customer release										○	●			●	●	●	Trunk idle	

TABLE D (Cont)
INCOMING CALL — DIAL ZERO (DO) TYPE

CONDITION		RESULTS																	
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE															REMARKS		
		KEYS										LAMPS							
		TRK	START OUT	END	EXCL SRC	EXCL DEST	SIG SRC	RLS DEST	SIG DEST	HOLD	PA RLS	PA RLS	RDY	EXCL SRC	EXCL DEST	ATND TRK			
																TRK		SRC	DEST
Attendant Holds Trunk — Attempts to Re-enter Connection — Lockout Not Provided																			
64	Dial tone connection		MO									●	○			○	○	●	Dial tone heard
65	Atnd dials access code											●	○			○	○	●	Dial tone heard
66	Atnd dials outside customer			MO								●	●			○	○	○	Ringing tone heard
67	Outside customer answers											●	●			○	○	○	3-way conversation — atnd, outside customer, centrex station
68	Atnd holds trunk								MO			●	●			30	○	○	
69	Atnd releases									MO		○	●			30	○	○	Console idle
70	Centrex station recalls attendant by flashing switch hook											○	●			30	†	○	†Source lamp follows switch hook flashes
71	Atnd re-enters connection	MO										●	●			○	○	○	3-way conversation — atnd, outside customer, centrex station
72	Atnd releases									MO		○	●			●	●	●	Console and trunk idle
Attendant Holds Trunk — Attempts to Re-enter Connection — Lockout Provided																			
73	Dial tone connection		MO									●	○			○	○	●	Dial tone heard
74	Atnd dials access code											●	○			○	○	●	Dial tone heard
75	Atnd dials outside customer			MO								●	●			○	○	○	Ringing tone heard

TABLE E

PREARRANGED CONFERENCE CALL WITHIN CUSTOMER GROUP

CONDITION		RESULTS														
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE											REMARKS			
		KEYS					LAMPS									
		RLS SRC	START OUT	END	CONF 2	PA RLS	PA RLS	RDY	CONF 1	CONF 2	TRK	SRC		DEST		
1	Idle condition						○	●	●	●	●	●	●	●	●	Console idle
2	Atnd connects to conference circuit				MO		●	●	●	30	●	●	●			
3	Dial tone connection		MO				●	○	●	30	●	●	●			Dial tone heard
4	Atnd dials 1st conferee			MO			●	●	●	30	●	●	●			Ringing tone heard
5	1st conferee answers						●	●	●	30	●	●	●			2-way conversation — atnd, 1st conferee
6	Atnd connects 1st conferee to conference bridge				MO		●	●	●	30	●	●	●			2-way conversation — atnd, 1st conferee
7	Dial tone connection		MO				●	○	●	30	●	●	●			Dial tone heard
8	Atnd dials 2nd conferee			MO			●	●	●	30	●	●	●			Ringing tone heard
9	2nd conferee answers						●	●	●	30	●	●	●			2-way conversation — atnd, 2nd conferee
10	Atnd connects 2nd conferee to conference bridge				MO		●	●	●	30	●	●	●			3-way conversation — atnd, 1st conferee, 2nd conferee
11	Repeat steps 3-6 to add additional conferees															
12	Atnd releases					MO	○	●	●	30	●	●	●			Conference continues
13	1st or 2nd conferee flashes switch hook to re-call atnd						●	●	●	120	●	●	●			Audible signal sounded
14	Atnd re-enters conference circuit				MO		●	●	●	30	●	●	●			Conversation with all conferees
15	Atnd releases all conferees	MO					●	●	●	30	●	●	●			All conferees released
16	Atnd releases					MO	○	●	●	●	●	●	●			Console and conference circuit idle

TABLE F

CONFERENCE REQUEST TO ATTENDANT BY CENTREX STATION DIALING CONFERENCE NUMBER

CONDITION		RESULTS													
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE											REMARKS		
		KEYS						LAMPS							
		RLS SRC	START OUT	CONF 1	RLS DEST	END	PA RLS	PA RLS	RDY	CONF 1	CONF 2	TRK		SRC	DEST
1	Idle condition							○	●	●	●	●	●	●	Console idle
2	Centrex station dials conference number							●	●	120	●	●	●	●	Audible signal sounded
3	Atnd answers			MO				●	●	30	●	●	●	●	2-way conversation — atnd, originating station
4	Atnd connects centrex station to conference bridge			MO				●	●	30	●	●	●	●	2-way conversation — atnd, originating station
5	Dial tone connection		MO					●	○	30	●	●	●	●	Dial tone heard
6	Atnd dials 2nd conferee					MO		●	●	30	●	●	●	●	Ringling tone heard
7	2nd conferee answers							●	●	30	●	●	●	●	2-way conversation — atnd, 2nd conferee
8	Atnd connects 2nd conferee to conference bridge			MO				●	●	30	●	●	●	●	3-way conversation — atnd, originating station, 2nd conferee
9	Dial tone connection		MO					●	○	30	●	●	●	●	Dial tone heard
10	Atnd dials 3rd conferee					MO		●	●	30	●	●	●	●	Ringling tone heard
11	3rd conferee answers							●	●	30	●	●	●	●	2-way conversation — atnd, 3rd conferee
12	Atnd connects 3rd conferee to conference bridge			MO				●	●	30	●	●	●	●	4-way conversation — atnd, originating station, 2nd conferee, 3rd conferee
13	Repeat steps 5-8 to add additional conferees — maximum 5 on 1 conference circuit														
14	Atnd attempts to add 6th conferee		MO					●	●	120	●	●	●	●	All conference lines busy
15	Atnd operates END key					MO		●	●	120	●	●	●	●	
16	Atnd abandons attempt					MO		●	●	30	●	●	●	●	

TABLE F (Cont)

CONFERENCE REQUEST TO ATTENDANT BY CENTREX STATION DIALING CONFERENCE NUMBER

CONDITION		RESULTS															
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE														REMARKS	
		KEYS						LAMPS									
		RLS SRC	START OUT	CONF 1	RLS DEST	END	PA RLS	PA RLS	RDY	CONF 1	CONF 2	TRK	SRC	DEST			
17	Atnd connects to conference circuit			MO				●	●	30	●	●	●	●	●	●	Conversation with all conferees
18	Atnd releases						MO	○	●	30	●	●	●	●	●	●	Console idle
19	Originating station or 2nd conferee flashes switch hook to re-call atnd							●	●	120	●	●	●	●	●	●	Audible signal sounded
20	Atnd re-enters conference circuit			MO				●	●	30	●	●	●	●	●	●	Conversation with all conferees
21	Atnd releases all conferees	MO						●	●	30	●	●	●	●	●	●	All conferees released
22	Atnd releases						MO	○	●	●	●	●	●	●	●	●	Console and conference circuit idle

TABLE G

CONFERENCE REQUEST TO ATTENDANT BY INCOMING CALL-LDN

CONDITION										RESULTS												
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE										REMARKS										
		KEYS					LAMPS															
		TRK	END	START OUT	RLS SRC	CONF 1	CONF 2	START IN	PA RLS	PA RLS	RDY							CONF 1	CONF 2	ATND TRK		
																				TRK	SRC	DEST
(STO) Basis																						
1	Idle condition										<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>					
2	Incoming LDN call										<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/> 60	<input checked="" type="radio"/>	Audible signal sounded				
3	Atnd answers	MO									<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	2-way conversation — atnd, customer				
4	Incoming customer requests conference										<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>					
5	Dial tone connection			MO							<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Dial tone heard				
6	Atnd dials conference number		MO								<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/> 120	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Ringling tone heard				
7	Atnd releases position							MO			<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/> 120	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Audible signal sounded				
8	Atnd connects to conference circuit					MO					<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/> 30	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	2-way conversation — atnd, incoming customer				
9	Atnd connects incoming customer to conference bridge					MO					<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/> 30	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	2-way conversation — atnd, incoming customer				
10	Dial tone connection			MO							<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/> 30	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Dial tone heard				
11	Atnd dials 2nd conferee		MO								<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/> 30	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ringling tone heard				
12	2nd conferee answers										<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/> 30	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	2-way conversation — atnd, 2nd conferee				
13	Atnd connects 2nd conferee to conference bridge					MO					<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/> 30	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	3-way conversation — atnd, incoming customer, 2nd conferee				
14	Dial tone connection			MO							<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/> 30	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Dial tone heard				
15	Atnd dials 3rd conferee		MO								<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/> 30	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ringling tone heard				
16	3rd conferee answers										<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/> 30	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	2-way conversation — atnd, 3rd conferee				

TABLE G (Cont)

CONFERENCE REQUEST TO ATTENDANT BY INCOMING CALL-LDN

CONDITION										RESULTS							
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE										REMARKS					
		KEYS					LAMPS										
		TRK	END	START OUT	RLS SRC	CONF 1	CONF 2	START IN	PA RLS	PA RLS	RDY	CONF 1	CONF 2	ATND TRK			
												TRK	SRC	DEST			
17	Atnd connects 3rd conferee to conference bridge					MO				●	●	30	●	●	○	○	4-way conversation — atnd, incoming customer, 2nd conferee, 3rd conferee
18	Repeat steps 10-13 to add additional conferees																
19	Atnd releases							MO	○	●	30	●	●	○	○		Console idle
20	2nd conferee flashes switch hook to re-call atnd								●	●	120	●	●	○	○		Audible signal sounded
21	Atnd re-enters conference circuit					MO			●	●	30	●	●	○	○		Conversation with all conferees
22	Atnd releases all conferees				MO				●	●	30	●	●	†	●		All conferees released †Lamp extinguished in 13-32 seconds or when incoming customer disconnects
23	Atnd releases							MO	○	●	●	●	●	●	●		Console and conference circuit idle
(STI) Basis																	
24	Idle condition								○	●	●	●	●	●	●	●	
25	Incoming LDN call								●	●	●	●	●	60	●		Audible signal sounded
26	Atnd answers	MO							●	●	●	●	○	○	●		2-way conversation — atnd, customer
27	Incoming customer requests conference								●	●	●	●	○	○	●		
28	Dial tone connection						MO		●	○	●	●	○	○	●		Dial tone heard
29	Atnd dials conference number		MO						●	●	●	120	○	○	30		Ring tone heard
30	Atnd releases							MO	●	●	●	120	●	○	30		Audible signal sounded

TABLE G (Cont)

CONFERENCE REQUEST TO ATTENDANT BY INCOMING CALL-LDN

CONDITION		RESULTS																	
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE													REMARKS				
		KEYS							LAMPS										
		TRK	END	START OUT	RLS SRC	CONF 1	CONF 2	START IN	PA RLS	PA RLS	RDY	CONF 1	CONF 2	ATND TRK					
														TRK				SRC	DEST
31	Atnd connects to conference circuit						MO			●	●	●	80	●	*	*	2-way conversation — atnd, incoming customer *In 2 to 4 seconds, lamps extinguished		
32	Atnd connects incoming customer to conference bridge						MO			●	●	●	80	●	●	●	2-way conversation — atnd, incoming customer		
33	Dial tone connection			MO						●	○	●	30	●	●	●	Dial tone heard		
34	Atnd dials 2nd conferee		MO							●	●	●	80	●	●	●	Ringing tone heard		
35	2nd conferee answers									●	●	●	80	●	●	●	2-way conversation — atnd, 2nd conferee		
36	Atnd connects 2nd conferee to conference bridge						MO			●	●	●	30	●	●	●	3-way conversation — atnd, 2nd conferee, customer		
37	Repeat Steps 28-31 to add additional conferees																		
38	Atnd releases							MO	○	●	●	30	●	●	●	Console idle			
39	2nd conferee flashes switch hook to re-call atnd									●	●	●	120	●	●	●	Audible signal sounded		
40	Atnd re-enters conference circuit						MO			●	●	●	30	●	●	●	Conversation with all conferees		
41	All conferees release									●	●	●	30	●	●	●			
42	Atnd releases							MO	○	●	●	●	●	●	●	●	Console and conference circuit idle		

TABLE H
ATTENDANT ORIGINATED CALL ON OUT LINE

CONDITION		RESULTS											
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE											REMARKS
		KEYS				LAMPS							
		END	START OUT	OUT LINE	PA RLS	PA RLS	RDY	OUT LINE	EXCL DEST	TRK	SRC	DEST	
		1	Idle condition					○	●	●	●	●	
2	Atnd seizes out line			MO		●	●	○	●	●	●	●	
3	Dial tone connection		MO			●	○	○	●	●	●	●	Dial tone heard
4	Atnd dials access code					●	○	○	●	●	●	●	Dial tone heard
5	Atnd dials 7-digit number	MO				●	●	○	●	●	●	●	Ringing tone heard
6	Customer answers					●	●	○	●	●	●	●	2-way conversation — atnd, customer
7	Atnd and customer release				MO	○	●	●	●	●	●	●	Console and out line idle

TABLE I

ATTENDANT ORIGINATED CALL ON ATTENDANT ACCESS TRUNK

CONDITION											RESULTS			
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE									REMARKS			
		KEYS					LAMPS							
		TRK	START OUT	END	RLS SRC	SIG DEST	RLS DEST	PA RLS	PA RLS	RDY		ATND ACCESS		
												TRK	SRC	DEST
Attendant Connects to Centrex Station														
1	Idle condition								○	●	●	●	●	
2	Attendant access trunk seized	MO							●	●	○	●	●	
3	Dial tone connection		MO						●	○	○	●	●	Dial tone heard
4	Atnd dials 4- or 5-digit centrex station number			MO					●	●	○	●	●	Ringling tone heard
5	Centrex station answers								●	●	○	○	●	2-way conversation — atnd, centrex station
Call Extended to Station Outside Customer Group														
6	Dial tone connection		MO						●	○	○	○	●	Dial tone heard
7	Atnd dials access code								●	○	○	○	●	Dial tone heard
8	Atnd dials outside customer 7-digit number			MO					●	●	○	○	○	Ringling tone heard
9	Outside customer answers								●	●	○	○	○	3-way conversation — atnd, centrex station, outside customer
10	Atnd releases						MO		○	●	●	○	○	Console idle
11	Atnd may re-enter connection	MO							●	●	○	○	○	3-way conversation — atnd, centrex station, outside customer
12	Atnd releases						MO		○	●	●	○	○	Console idle
13	Centrex station and outside customer release								○	●	●	●	●	Trunk idle
Call Extended to Toll Operator														
14	Repeat steps 6-7								●	○	○	○	●	Dial tone heard

TABLE I (Cont)

ATTENDANT ORIGINATED CALL ON ATTENDANT ACCESS TRUNK

CONDITION											RESULTS			
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE											REMARKS	
		KEYS						LAMPS						
		TRK	START OUT	END	RLS SRC	SIG DEST	RLS DEST	PA RLS	PA RLS	RDY	ATND ACCESS			
											TRK	SRC		DEST
30	Atnd re-calls toll operator					MO			●	●	○	○	○	Supervisory cord lamp at toll operator position flashes with operation and release of SIG DEST key by atnd
31	Toll operator answers								●	●	○	○	○	4-way conversation — atnd, centrex station, toll operator, called customer
32	Toll operator releases								●	●	○	○	○	3-way conversation — atnd, centrex station, called customer
33	Atnd releases						MO		○	●	●	○	○	Console idle
34	Centrex station and outside customer release								○	●	●	●	●	Trunk idle
Attendant Releases Originating Station — Initiates Another Call														
35	Atnd releases originating centrex station				MO				●	●	○	●	●	
36	Dial tone connection		MO						○	●	○	●	●	Dial tone heard
37	Atnd dials 4- or 5-digit centrex station number			MO					●	●	○	●	●	Ringing tone heard
38	Centrex station answers								●	●	○	○	●	2-way conversation — atnd, centrex station
39	Dial tone connection		MO						●	○	○	○	●	Dial tone heard
40	Atnd dials access code								●	○	○	○	●	Dial tone heard
41	Atnd dials outside customer			MO					●	●	○	○	○	Ringing tone heard
42	Outside customer answers								●	●	○	○	○	3-way conversation — atnd, centrex station, outside customer
43	Atnd releases						MO		○	●	●	○	○	Console idle
44	Centrex station and outside customer release								○	●	●	●	●	Trunk idle

TABLE I (Cont)

ATTENDANT ORIGINATED CALL ON ATTENDANT ACCESS TRUNK

CONDITION											RESULTS			
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE									REMARKS			
		KEYS						LAMPS						
		TRK	START OUT	END	RLS SRC	SIG DEST	RLS DEST	PA RLS	PA RLS	RDY		ATND ACCESS		
												TRK	SRC	DEST
Call Extended to Busy Station														
45	Dial tone connection		MO					●	○	○	○	●	Dial tone heard	
46	Atnd dials access code							●	○	○	○	●	Dial tone heard	
47	Atnd dials outside busy station			MO				●	●	○	○	○	Busy tone heard	
48	Atnd releases busy station					MO		●	●	○	○	●	2-way conversation — atnd, centrex station	
49	Atnd and centrex station release						MO	○	●	●	●	●	Trunk idle	

TABLE J

AUXILIARY OUTGOING TRUNK ES-26288-01 — OUTGOING CALL

CONDITION		RESULTS											
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE											REMARKS
		KEYS						LAMPS					
		TRK	START OUT	END	RLS DEST	RLS SRC	PA RLS	RLS PA	RDY	AUX OG TRK			
										TRK	SRC	DEST	
Centrex Station Connection													
1	Idle condition							○	●	●	●	●	
2	Trunk seized	MO						●	●	○	●	●	
3	Dial tone connection		MO					○	○	○	●	●	Dial tone heard
4	Atnd dials centrex station			MO				●	●	○	●	●	Ring tone heard
5	Centrex station answers							●	●	○	○	●	2-way conversation — atnd, centrex station
Call Extended to Distant Office — Tie Trunk Line Link Frame Terminated													
6	Dial tone connection		MO					●	○	○	○	●	Dial tone heard
7	Atnd dials station in distant office			MO				●	●	○	○	●	Ring tone heard
8	Distant office station answers							●	●	○	○	○	3-way conversation — atnd, centrex station, distant office station
9	Atnd releases						MO	○	●	●	○	○	Console idle
10	Centrex station and distant office release							○	●	●	●	●	Trunk idle
Call Extended to Distant Office — Tie Trunks Terminated to PBX Operator or Attendant Position													
11	Atnd signals distant office		MO					●	●	○	○	●	Distant office receives signal
12	Atnd momentarily operates END key			MO				●	●	○	○	●	
13	Distant office operator answers							●	●	○	○	○	3-way conversation — atnd, distant office operator, centrex station
14	Distant office operator completes call							●	●	○	○	○	4-way conversation — atnd, distant office operator, distant office station, centrex station

TABLE J (Cont)

AUXILIARY OUTGOING TRUNK ES-26288-01 — OUTGOING CALL

CONDITION		RESULTS											
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE										REMARKS	
		KEYS					LAMPS						
		TRK	START OUT	END	RLS DEST	RLS SRC	PA RLS	PA RLS	RDY	AUX OG TRK			
										TRK	SRC		DEST
15	Atnd and distant office operator release						MO	○	●	●	○	○	Console idle
16	Centrex station and distant office release							○	●	●	●	●	Trunk idle
Call Extended to Distant Office — Tie Trunk Line Link Frame Terminated — Release Destination													
17	Dial tone connection		MO					●	●	○	○	●	Dial tone heard
18	Atnd dials station in distant office			MO				●	●	○	○	●	Ringing tone heard
19	Distant office station busy							●	●	○	○	○	60-ipm busy tone heard
20	Atnd releases distant office station				MO			●	●	○	○	●	2-way conversation — atnd, centrex station
21	Atnd and centrex station release						MO	○	●	●	●	●	Console and trunk idle
Call Extended to Distant Office — Tie Trunk Line Link Frame Terminated — Release Source													
22	Atnd releases originating centrex station					MO		●	●	○	●	●	
23	Dial tone connection		MO					●	○	○	●	●	Dial tone heard
24	Atnd dials centrex station			MO				●	●	○	●	●	Ringing tone heard
25	Centrex station answers							●	●	○	○	●	2-way conversation — atnd, centrex station
26	Dial tone connection		MO					●	○	○	○	●	Dial tone heard
27	Atnd dials distant office station			MO				●	●	○	○	●	Ringing tone heard
28	Distant office station answers							●	●	○	○	○	3-way conversation — atnd, centrex station, distant office station

TABLE J (Cont)

AUXILIARY OUTGOING TRUNK ES-26288-01 — OUTGOING CALL

CONDITION		RESULTS											
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE											REMARKS
		KEYS						LAMPS					
		TRK	START OUT	END	RLS DEST	RLS SRC	PA RLS	PA RLS	RDY	AUX OG TRK			
										TRK	SRC	DEST	
29	Atnd releases						MO	○	●	●	○	○	Console idle
30	Centrex station and distant office station release							○	●	●	●	●	Trunk idle

TABLE K

AUXILIARY OUTGOING TRUNK ES-26288-01 — INCOMING CALL

CONDITION		RESULTS										
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE										REMARKS
		KEYS					LAMPS					
		TRK	START OUT	END	PA RLS	PA RLS	RDY	AUX OG TRK				
								TRK	SRC	DEST		
Incoming Call From Distant Office — Console Terminated Call Extended to Idle Centrex Station												
1	Console and trunk idle					○	●	●	●	●		
2	Signal from distant office					●	●	●	⊙120	●	Audible signal sounded	
3	Atnd answers	MO				●	●	○	○	●	2-way conversation — atnd, distant office	
4	Dial tone connection		MO			●	○	○	○	●	Dial tone heard	
5	Atnd dials centrex station			MO		●	●	○	○	●	Ring tone heard	
6	Centrex station answers					●	●	○	○	○	3-way conversation — distant office, atnd, centrex station	
7	Atnd releases				MO	○	●	●	○	○	Console idle	
8	Centrex station and distant office release					○	●	●	●	●	Trunk idle	

TABLE L

AUXILIARY OUTGOING TRUNK ES-26289-01 — OUTGOING CALL

CONDITION		RESULTS												
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE											REMARKS	
		KEYS						LAMPS						
		TRK	START OUT	END	RLS DEST	RLS SRC	SIG DEST	PA RLS	PA RLS	RDY	AUX OG TRK			
											TRK	SRC		DEST
Centrex Station Connection														
1	Idle condition								○	●	●	●	●	
2	Trunk seized	MO							●	●	○	●	●	
3	Dial tone connection		MO						●	○	○	●	●	Dial tone heard
4	Atnd dials centrex station			MO					●	●	○	●	●	Ring tone heard
5	Centrex station answers								●	●	○	○	●	2-way conversation — atnd, centrex station
Call Extended to Distant Office — Tie Trunk Line Link Frame Terminated														
6	Dial tone connection		MO						●	○	○	○	●	Dial tone heard
7	Atnd dials station in distant office			MO					●	○	○	○	●	Ring tone heard
8	Distant office station answers								●	●	○	○	○	3-way conversation — atnd, centrex station, distant office station
9	Atnd releases							MO	○	●	●	○	○	Console idle
10	Centrex station and distant office station release								○	●	●	●	●	Trunk idle
Call Extended to Distant Office — Tie Trunk Line Frame Terminated — Release Destination														
11	Dial tone connection		MO						●	●	○	○	●	Dial tone heard
12	Atnd dials station in distant office			MO					●	●	○	○	●	Ring tone heard
13	Distant office station busy								●	●	○	○	○	60-ipm busy tone heard
14	Atnd releases distant office station				MO				●	●	○	○	●	2-way conversation — atnd, centrex station

TABLE I (Cont)

AUXILIARY OUTGOING TRUNK ES-26289-01 — OUTGOING CALL

CONDITION										RESULTS				
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE										REMARKS		
		KEYS						LAMPS						
		TRK	START OUT	END	RLS DEST	RLS SRC	SIG DEST	PA RLS	PA RLS	RDY	AUX OG TRK			
											TRK		SRC	DEST
15	Atnd and centrex station release							MO	○	●	●	●	●	Trunk idle
Call Extended to Distant Office — Tie Trunk Line Link Frame Terminated — Release Source														
16	Atnd releases originating centrex station						MO		●	●	○	●	●	
17	Dial tone connection		MO						●	○	○	●	●	Dial tone heard
18	Atnd dials centrex station			MO					●	●	○	●	●	Ringing tone heard
19	Centrex station answers								●	●	○	○	●	2-way conversation — atnd, centrex station
20	Dial tone connection		MO						●	○	○	○	●	Dial tone heard
21	Atnd dials distant office station			MO					●	●	○	○	●	Ringing tone heard
22	Distant office station answers								●	●	○	○	○	3-way conversation — atnd, centrex station, distant office station
23	Atnd releases							MO	○	●	●	○	○	Console idle
24	Centrex station and distant office station release								○	●	●	●	●	Trunk idle
Call Extended to Distant Office — Tie Trunk Line Link Frame Terminated — Hold — Flash Re-call														
25	Dial tone connection		MO						●	○	○	○	●	Dial tone heard
26	Atnd dials station in distant office			MO					●	●	○	○	●	Ringing tone heard
27	Distant office station answers								●	●	○	○	○	3-way conversation — atnd, centrex station, distant office station
28	Atnd holds connection								●	●	30	○	○	2-way conversation — centrex station, distant office station
29	Atnd releases							MO	○	●	30	○	○	Console idle

TABLE L (Cont)

AUXILIARY OUTGOING TRUNK ES-26289-01 — OUTGOING CALL

CONDITION										RESULTS					
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE													REMARKS
		KEYS							LAMPS						
		TRK	START OUT	END	RLS DEST	RLS SRC	SIG DEST	PA RLS	PA RLS	RDY	AUX OG TRK				
										TRK	SRC	DEST			
30	Centrex station re-calls atnd by flashing switch hook								●	●	30	*	○	*Source lamp flashes in unison with switch hook flashes	
31	Atnd re-enters connection	MO							●	●	○	○	○	3-way conversation — atnd, centrex station, distant office station	
32	Atnd releases						MO	●	●	●	○	○	Console idle		
33	Centrex station and distant office station release							○	●	●	●	●	Trunk idle		
Call Extended to Distant Office — Tie Trunk Line Link Frame Terminated — Toll Operator Rings Back															
34	Dial tone connection		MO						●	○	○	○	●	Dial tone heard	
35	Atnd dials toll operator at distant office			MO					●	●	○	○	●	Ring tone heard	
36	Toll operator answers and completes call								●	●	○	○	○	4-way conversation — atnd, centrex station, toll operator, distant office station	
37	Atnd releases						MO	○	●	●	○	○	Console idle		
38	Toll operator rings back								●	●	●	○	120	Audible signal sounded	
39	Atnd re-enters connection	MO							●	●	○	○	○	4-way conversation — atnd, centrex station, toll operator, distant office station	
40	Atnd and toll operator release						MO	○	●	●	○	○	Console idle		
41	Centrex station and distant office release							○	●	●	●	●	Trunk idle		
Call Extended to Distant Office — Tie Trunk Line Link Frame Terminated — Signal Destination															
42	Dial tone connection		MO						●	○	○	○	●	Dial tone heard	
43	Atnd dials toll operator through distant office			MO					●	●	○	○	●	Ring tone heard	

TABLE L (Cont)

AUXILIARY OUTGOING TRUNK ES-26289-01 — OUTGOING CALL

CONDITION		RESULTS												
S T E P	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE											REMARKS	
		KEYS							LAMPS					
		TRK	START OUT	END	RLS DEST	RLS SRC	SIG DEST	PA RLS	PA RLS	RDY	AUX OG TRK			
											TRK	SRC		DEST
44	Toll operator answers and completes call								●	●	○	○	○	4-way conversation — atnd, centrex station, toll operator, called customer
45	Toll operator releases								●	●	○	○	○	3-way conversation — atnd, centrex station, called customer
46	Atnd re-calls toll operator						MO		●	●	○	○	○	Toll operator supervisory lamp flashes with operation and release of SIG DEST key
47	Toll operator re-enters connection								●	●	○	○	○	4-way conversation — atnd, centrex station, toll operator, called customer
48	Atnd and toll operator release						MO	○	○	●	○	○	○	Console idle
49	Centrex station and called customer release							○	●	●	●	●	●	Trunk idle

TABLE M

AUXILIARY OUTGOING TRUNK ES-26289-01 — INCOMING CALL

CONDITION		RESULTS											
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE											REMARKS
		KEYS						LAMPS					
		TRK	START OUT	END	SIG SRC	SIG DEST	PA RLS	PA RLS	RDY	AUX OG TRK			
										TRK	SRC	DEST	
1	Idle condition							○	●	●	●	●	
2	Trunk seized by toll operator							●	●	●	60	●	Audible signal sounded
3	Atnd answers	MO						●	●	○	○	●	3-way conversation — atnd, calling customer, toll operator
Call Extended to Idle Station — Attendant Release — Centrex Station Flash Re-calls													
4	Dial tone connection		MO					●	○	○	○	●	Dial tone heard
5	Atnd dials centrex station			MO				●	●	○	○	●	Ring tone heard
6	Centrex station answers							●	●	○	○	○	4-way conversation — atnd, centrex station, calling customer, toll operator
7	Atnd and toll operator release						MO	○	●	●	○	○	Console idle
8	Centrex station re-calls atnd by flashing switch hook							●	●	●	○	120	Audible signal sounded
9	Atnd re-enters connection	MO						●	●	○	○	○	3-way conversation — atnd, centrex station, calling customer
10	Atnd releases						MO	○	●	●	○	○	Console idle
11	Centrex station and calling customer release							○	●	●	●	●	Trunk idle
Call Extended to Idle Station — Attendant Re-calls Toll Operator — Signal Source													
12	Dial tone connection		MO					●	○	○	○	●	Dial tone heard
13	Atnd dials centrex station			MO				●	●	○	○	●	Ring tone heard
14	Centrex station answers							●	●	○	○	○	4-way conversation — atnd, centrex station, toll operator, calling customer
15	Toll operator releases							●	●	○	○	○	3-way conversation — atnd, centrex station, calling customer

TABLE M (Cont)

AUXILIARY OUTGOING TRUNK ES-26289-01 — INCOMING CALL

CONDITION		RESULTS											
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE											REMARKS
		KEYS						LAMPS					
		TRK	START OUT	END	SIG SRC	SIG DEST	PA RLS	PA RLS	RDY	AUX OG TRK			
										TRK	SRC	DEST	
16	Atnd re-calls toll operator				MO			●	●	○	○	○	Toll operator supervisory lamp flashes with operation and release of SIG SRC key.
17	Toll operator re-enters connection							●	●	○	○	○	4-way conversation — atnd, centrex station, toll operator, calling customer
18	Atnd and toll operator release					MO		○	●	●	○	○	Console idle
19	Centrex station and calling customer release							○	●	●	●	●	Trunk idle
Call Extended to Toll Operator — Attendant Re-calls Toll Operator — Signal Destination													
20	Dial tone connection		MO					●	○	○	○	●	Dial tone heard
21	Atnd dials access code							●	○	○	○	●	Dial tone heard
22	Atnd dials access code			MO				●	●	○	○	●	Ring tone heard
23	Toll operator answers and completes call							●	●	○	○	○	4-way conversation — atnd, calling customer, toll operator, called customer
24	Toll operator releases							●	●	○	○	○	3-way conversation — atnd, calling customer, called customer
25	Atnd re-calls toll operator				MO			●	●	○	○	○	Toll operator supervisory lamp flashes with operation and release of SIG DEST key
26	Toll operator re-enters connection							●	●	○	○	○	4-way conversation — atnd, calling customer, toll operator, called customer
27	Atnd and toll operator release					MO		○	●	●	○	○	Console idle
28	Calling and called customers release							○	●	●	●	●	Trunk idle

TABLE N
ATTENDANT SIGNALS SUPERVISOR

CONDITION		RESULTS							
S T E P	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE							REMARKS
		KEYS		LAMPS					
		SUPV	PA RLS	SUPV	RDY				
						TRK	SRC	DEST	
1	Any condition			●					Lamps can be in any condition
2	Atnd requests supervisor assistance	MO		○					Supervisor turret receives signal
3	Supervisor connects to supervisor jacks on console			●					2-way conversation — atnd, supervisor, customers, and/or centrex station
4	Supervisor disconnects from console			●					

TABLE O
NIGHT CONNECTION

CONDITION		RESULTS						
STEP	ACTION	1- AND 2-TYPE TELEPHONE CONSOLE						REMARKS
		KEYS		LAMPS				
		NITE	PARLS	NITE				
					TRK	SRC	DEST	
1	Any condition			●				Lamps may be in any condition
2	Atnd transfers to night connection	O		○				Trunks transferred to night answering
3	Atnd removes headset			●				Console vacated