

CONSOLE
ATTENDANT TRUNK TESTS
USING TEST SET DS-21801
FOR

Return to B. S. P. Coordinator

This Practice Released on:

List # of app. Date 10-27-65

"B" APPARATUS AND WIRING ONLY S. P. M. # O. & E. List #

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1. GENERAL

1.01 This practice describes tests necessary for both installation and maintenance of Console Attendant trunks using the following options:

- (a) ST-521149 - Test of assist call features using "Z" option and omitting "U" option.
- (b) ST-521149 - Test of listed number call features (Dial Transfer) using "U" option and omitting "Z" option.

2. APPARATUS

2.01 Apparatus required for tests:

- (a) 1 - CAT test set (special)
- (b) 2 - P3E test cords
- (c) 1 - Telephone set - prepare locally a plug ended TOUCH-TONE telephone set for this purpose.

(d) 2 - Centrex CO Stations (existing or improvised) for sending and receiving CAT test calls, designate as Station 1 and Station 2.

3. PREPARATION

3.01 "Z" option only: With Assist Call Tests

- 1. ST-521149 Line "A" - Establish Station routing to line "A" via metallic IAO trunk group. Provide ENT, EXNG and COMP MKR cross-connections as required.
- 2. Connect Line "B" for out-dialing 4, 5, 7, 10 digit routes (send line).
- 3. At the CAT jacks TST1 and TST2, patch to corresponding jacks of the test set using P3E cords.
- 4. Plug the 3-wire test set AC line cord into a convenient 3-wire AC outlet.
- 5. Plug the TOUCH-TONE telephone set into the test set "TEL" jack.

3.02 "U" option only: With listed number tests.

- 1. ST-521149, Line "A" - Connect for listed number station at L.L.F.
- 2. ST-521149, Line "B" - Connect for 4 or 5 digit station routing only via metallic IAO trunk group.
- 3. Provide test set patching as described in paragraph 3.01 steps 3, 4, and 5.

SECTION 218-397-918PT

4. ASSIST CALL

STEP	ACTION	VERIFICATION
1	AT STA#1 Dial "O" for attendant.	Audible ringing heard.
2	AT CAT Test Set observe and perform following functions.	TK lamp flashes at 60 IPM.
3	Operate TK key.	TK lamp becomes steady.
4	Converse with calling station.	
5	Request STA#1 to flash switch-hook.	TK lamp flashes in unison.
6	Request STA#1 to disconnect.	TK lamp dark.
7	Operate HD key.	TK lamp flashes at 120 IPM.
8	Operate TK key.	TK lamp becomes dark.
9	Operate ST key.	Audible ringing is heard.
10	STA#1 answers.	TK lamp lights steady.
11	Operate STF key.	Dial Tone heard from Line "B" TK lamp remains steady.
12	Operate RLF key.	Dial tone is removed and STA#1 is reconnected.
13	Operate STF key.	Dial tone is heard.
14	With TOUCH-TONE tel. set dial 9 + listed Number of Station #2.	TK lamp lights steady and ringing is heard at STA#2.
15	Operate ST key.	STA#1 also hears audible ringing.
16	Operate END key.	TK lamp is steady and Operator's transmission path is disconnected.
17	Station #2 answers.	TK lamp remains steady.
18	Operate TK key.	Operator's transmission path is reconnected.
19	Request STA#1 to flash switchhook (Max. on-hook of approx. 0.5 Sec.)	TK lamp flashes at 60 IPM and audible signal is heard.
20	Operate TK key.	TK lamp becomes steady.
21	Request STA#1 to disconnect in approx. 2 seconds at same time operate END key.	TK lamp goes dark when STA#1 disconnects.
22	Remove test cords at CAT TST 1 and TST 2 jacks if no further tests are to be made.	

5. LISTED NUMBER CALL

STEP	ACTION	VERIFICATION
1	AT STA#1 dial 7 digits for listed number of attendant.	
2	AT CAT Test Set observe and perform following functions.	TK lamp flashes with buzzer at 60 IPM.
3	Operate TK key.	TK lamp becomes steady.
4	Operate HD key.	TK Lamp flashes at 120 IPM.
5	Operate TK key.	STA#1 connected.
6	Operate STF key.	Dial tone is heard.
7	TOUCH-TONE dial number of STA#2. Operate ST key.	
8	Operate HD key.	TK lamp flashes at 120 IPM.
9	STA#2 answers.	TK lamp becomes steady.
10	Operate TK key.	Stations #1 & 2 connected to operator.
11	Operate RLF key.	STA#1 remains connected and STA#2 releases.
12	Operate ST key.	Dial Tone received from Transfer register.
13	TOUCH-TONE dial 1 digit.	Dial Tone removed.
14	Operate RDT key.	TK lamp extinguished and dial tone restored.
15	TOUCH-TONE dial required digits for STA#2.	
16	Operate HD key.	TK lamp flashes at 120 IPM.
17	STA#2 answers.	TK lamp goes dark.
18	Remove test cords at CAT TST 1 and TST 2 if no further test are to be made.	