

**TRUNKS FROM LOCAL SELECTOR LEVELS
TO DESKS AND SWITCHBOARD POSITIONS
OPERATION TESTS USING DIAL HAND TEST SET
STEP-BY-STEP SYSTEMS**

1. GENERAL

1.01 This section describes a method of testing trunks to desks and switchboard positions from local selector levels by means of a dial hand test set. Also included is a test of levels that are connected to trunks arranged for vacant level tone or no-such-number tone.

1.02 This section is reissued for the following reasons:

- (a) To revise Test B to clarify the operation of the trunk lamp when the TALK key is restored to normal.
- (b) To add trunks to No. 19 operating room desk in Test C.
- (c) To add trunks to no-such-number tone in Test H.
- (d) To revise Test J to clarify the condition of the trunk lamp when the call is answered.
- (e) To add trunks to No. 6 information desk in Test K.
- (f) To add a new Test L to provide for trunks to No. 7 information desk.
- (g) To add a new Test M to provide tests to the night transfer feature of trunks to repair clerk's desk.
- (h) To add a new Test N to provide tests of trunks to No. 23 desks.

Since this reissue covers a general revision, arrows ordinarily used to indicate changes have been omitted.

1.03 These tests check that trunks to desks and switchboard positions from selector levels are available to the selectors, and that when these trunks are seized by a selector they will terminate at and signal the correct desk or switchboard, return audible ringing signal, if provided, supply proper transmission, and release. The tests covered are:

- A. Trunks to Special Service Positions (DSA Board)*
- B. Trunks to No. 1 or No. 2 Information Desk*
- C. Information and Intercept Trunks to No. 17 Information Desk or No. 19 Operating Room Desk*
- D. Trunks to Recording-Completing Positions*
- E. Rural Trunks Arranged to Release under Control of Calling Party*
- F. Rural Trunks Arranged to Release When Last Party Disconnects*
- G. Trunks to Test Desk*
- H. Trunks Arranged for Vacant Level Tone or No-Such-Number Tone*
- I. Trunks to Intercepting Positions*
- J. Trunks to No. 1 or No. 2 Repair Clerk's Desk*
- K. Information and Intercept Trunks to No. 3, No. 4, or No. 6 Information Desk*
- L. Trunks to No. 7 Information Desk*
- M. Trunks to Repair Clerk's Desk Arranged for Night Transfer*
- N. Information and Intercept Trunks to No. 23 Desks*

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1.04 In all tests, except Test H, action and/or verification is required at the desk or switchboard at the distant end.

1.05 When performing Tests B, C, E, H, I, J, and M it will be necessary to hold all trunks on the level busy for a short interval.

1.06 If there is a service call for repair service during the time that Test M is being made, the attendant at the desk or switchboard to which the trunks are transferred should be advised to record the information and forward it in accordance with local instructions.

1.07 When testing from a first selector in a line switch office, the master switch having direct access to it should be rotated to pick up disengaged plungers.

1.08 When testing from an incoming selector, the trunk should be made busy at the originating end in the approved manner for the duration of the test.

1.09 When testing from a selector arranged to absorb digits, it will be necessary to dial the extra digits before dialing the level being tested.

1.10 A different selector should be used each time the tests are performed so that eventually every selector will have been tested on each working trunk.

1.11 When a test call is answered in less than four seconds, the audible ringing signal may not be heard.

1.12 To rotary step selectors other than SD-32183-01, rapidly open and close the off-normal springs by means of the KS-6320 orange stick applied to the tip of the off-normal finger. Observe that the selector rotates to the next idle terminal and cuts through without chattering.

Note 1: On the SD-32183-01 selector, after this switch has been dialed and the first idle trunk has been seized, it will be necessary to block the VON springs nonoperated (normal position). To step the selector to the next idle terminal, rapidly open and close the rotary interrupter springs by

means of an orange stick. When the level has been tested, remove the blocking tool from the off-normal lever to close the release path.

Note 2: On the following typical digit absorbing selectors, it will be necessary to block relays as indicated while the selector is being stepped, to prevent the selector from releasing. Consult drawings on any circuits not covered.

SELECTOR	BLOCK RELAY	OPERATE
SD-30976-01	F Nonopr.	VON Spg.
SD-31022-01	F Opr.	VON Spg.
SD-31784-01	F Opr.	VON Spg.
SD-31933-01	D Opr.	VON Spg.
SD-32077-01	F Opr.	VON Spg.

1.13 *Lettered Steps:* A letter a, b, c, etc, added to a step number in Part 3 of this section, indicates an action which may or may not be required depending on local conditions. The condition under which a lettered step or a series of lettered steps should be made is given in the ACTION column, and all steps governed by the same condition are designated by the same letter within a test. Where a condition does not apply, all steps designated by that letter should be omitted.

1.14 Local instructions should be followed for recording and reporting any register operations caused by performing these tests.

2. APPARATUS

ALL TESTS

2.01 No. 1011G dial hand test set (or an equivalent dial hand test set) equipped with one W2CL cord, one No. 471A jack and one No. 240A plug (No. 2W39A cord).

2.02 No. 477A or No. 375A (make-busy) tools, as required.

2.03 Toothpicks, as required, for blocking VON spring assembly on SD-32183-01 selectors.

2.04 Blocking tools, as required. Use tools and apply as covered in Section 069-020-801.

2.05 KS-6320 orange stick.

3. METHOD

STEP	ACTION	VERIFICATION
A. Trunks to Special Service Positions (DSA Board)		
1	Remove selector cover.	
2	With handset switch in MON position — Insert No. 240A plug of handset into test jack of selector used for test.	
3	Operate handset switch to TALK position.	
4	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver. When call is answered at switchboard — Audible ringing removed.
5	At switchboard — With plug in trunk jack, observe cord supervisory lamp.	Cord supervisory lamp extinguished. Transmission satisfactory.
6	At selector — Operate handset switch to MON position.	At switchboard — Cord supervisory lamp lights. At selector — Selector held by trunk.
7	Operate handset switch to TALK position.	At switchboard — Verify that supervisory lamp functioned properly.
8	At switchboard — Remove cord from trunk jack.	
9	Operate handset switch to MON position.	Selector releases.
10	Operate handset switch to TALK position.	
11	Dial level on which test is being made.	Selector steps to level dialed, stops on first idle trunk.
12	Step selector to next trunk to be tested. (See 1.12.)	Audible ringing heard in receiver. When call is answered at switchboard — Audible ringing removed.
13	Repeat Steps 5 through 12 on all other trunks to be tested on same level, except last trunk on level.	
14	On last trunk of level, repeat Steps 5 through 9.	
15	Remove No. 240A plug from test jack.	
16	Remove blocking tools and toothpicks, if used.	
17	Replace selector cover.	

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STEP	ACTION	VERIFICATION
B. Trunks to No. 1 or No. 2 Information Desk		
1	With handset switch in MON position — Insert No. 240A plug of handset into test jack of selector used for test.	
2	Operate handset switch to TALK position.	
3	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver. At information desk — Trunk lamp lights.
4	At information desk — Answer call.	Trunk lamp extinguished. At selector — Audible ringing removed. Transmission satisfactory.
5	At information desk — Operate trunk key to HOLD position.	Trunk lamp remains extinguished.
6	At selector — Operate handset switch to MON position.	Selector releases.
7	Operate handset switch to TALK position.	
8	Dial level on which tests are being made.	Selector steps to level dialed, rotates past trunk previously tested and stops on next idle trunk. Audible ringing heard in receiver. At information desk — Trunk lamp lights.
9	Repeat Steps 4 through 8 on all other trunks to be tested on same level.	
10	When testing last trunk on level — At information desk — Leave all keys of trunks on level already tested in HOLD position for about six sec- onds, then restore them to normal. <i>Note:</i> Steps 11, 12, and 13 should be com- pleted in the interval during which all HOLD keys are operated.	
11	At selector — Operate handset switch to MON position.	Selector releases.
12	Operate handset switch to TALK position.	
13	Dial level on which trunks are being tested.	Selector steps to level dialed, rotates to eleventh step. All trunks busy tone heard in receiver.
14	Operate handset switch to MON position.	Selector releases.

STEP	ACTION	VERIFICATION
15	Operate handset switch to TALK position.	
16	After interval sufficient to allow restoral of HOLD keys — Dial level on which tests are being made.	Selector steps to level dialed, rotates to first idle trunk. At information desk — Verify that all keys have been restored.
17	Remove No. 240A plug from test jack of selector.	At selector — Selector releases.
C. Information and Intercept Trunks to No. 17 Information Desk or No. 19 Operating Room Desk		
1	With handset switch in MON position — Insert No. 240A plug of handset into test jack of selector used for test.	
2	Operate handset switch to TALK position.	
3	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver. At desk — Trunk lamp lights.
4	At desk — Answer call.	Trunk lamp extinguished. At selector — Audible ringing removed. Transmission satisfactory.
5	At desk — Remove plug from trunk jack.	Trunk lamp does not relight.
6	Reinsert plug into trunk jack.	
7a	If trunk is to No. 17 information desk — Observe cord supervisory lamp.	Cord supervisory lamp extinguished.
8a	At selector — Operate handset switch to MON position.	Selector releases. At information desk — Cord supervisory lamp lights.
9b	If trunk is to No. 19 operating desk — Operate handset switch to MON position.	Selector releases.
10	Operate handset switch to TALK position.	
11	Dial level on which trunks being tested are terminated.	Selector steps to level dialed, passes trunk previously tested, stops on next idle trunk. Audible ringing heard in receiver. At desk — Trunk lamp lights.
12	At desk — Answer call.	Trunk lamp extinguished. At selector — Audible ringing removed. Transmission satisfactory. If trunk is to No. 17 information desk — Verify that cord supervisory lamp functioned properly on trunk previously tested.

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STEP	ACTION	VERIFICATION
13	Repeat Steps 5 through 12, as required, on other trunks to be tested on same level. <i>Note:</i> Where one desk position is not provided with sufficient cords to busy the necessary trunks, cords from other positions should be used.	
14	When testing last trunk on level — At desk — Leave cords in trunk jack of all trunks already tested for about six seconds, then remove them. <i>Note:</i> Steps 15, 16, and 17 should be completed in the interval during which all trunks are held busy by cords at desk.	
15	Operate handset switch to MON position.	Selector releases.
16	Operate handset switch to TALK position.	
17	Dial level on which trunks are being tested.	Selector steps to level dialed, rotates to eleventh step. All trunks busy tone heard in receiver.
18	Operate handset switch to MON position.	Selector releases.
19	Operate handset switch to TALK position.	
20	After interval sufficient to allow removal of cords — Dial level on which tests are being made.	Selector steps to level dialed and rotates to first idle trunk. At desk — Verify that all cords are removed.
21	Remove No. 240A plug from test jack.	Selector releases.

D. Trunks to Recording-Completing Positions

1	Remove selector cover.	
2	With handset switch in MON position — Insert No. 240A plug of handset into test jack of selector used for test.	
3	Operate handset switch to TALK position.	
4	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver.
5	At switchboard — Answer call.	At selector — Audible ringing removed. Transmission satisfactory. At switchboard — Cord supervisory lamp extinguished.

STEP	ACTION	VERIFICATION
6	At selector — Operate handset switch to MON position.	Cord supervisory lamp lights. At selector — Selector held by trunk.
7	Operate handset switch to TALK position.	At switchboard — Verify that supervisory lamp functioned properly.
8a	If testing trunks arranged for ringing the calling party — Hold receiver of handset away from ear and operate handset switch to MON position.	
9a	At switchboard — Ring on trunk.	At selector — Ringing heard in receiver.
10a	At selector — Operate handset switch to TALK position.	
11	At switchboard — Remove cord from jack.	
12	At selector — Operate handset switch to MON position.	Selector releases.
13	Operate handset switch to TALK position.	
14	Dial level under test.	Selector steps to level dialed, rotates to first idle trunk.
15	Step selector to next trunk to be tested. (See 1.12.)	Audible ringing heard in receiver.
16	Repeat Steps 5 through 15 on all other trunks to be tested on same level except last trunk.	
17	On last trunk of level, repeat Steps 5 through 12.	
18	Remove No. 240A plug from test jack.	
19	Remove blocking tools and toothpicks, if used.	
20	Replace selector cover.	

E. Rural Trunks Arranged to Release under Control of Calling Party

- 1 With handset switch in MON position —
Insert No. 240A plug of handset into test jack springs 1 and 2 of selector used for test.
- 2 Operate handset switch to TALK position.

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STEP	ACTION	VERIFICATION
3	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver.
4	At switchboard — Answer call.	Audible ringing removed. Transmission satisfactory.
5	With plug in trunk jack — Observe cord supervisory lamp and trunk lamp.	
6	At selector — Operate handset switch to MON position.	Selector releases. At switchboard — Cord supervisory lamp lights.
7	Operate handset switch to TALK position.	
8	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to last trunk tested. At switchboard — Trunk lamp relights.
9	At switchboard — Remove and reinsert cord.	Trunk lamp extinguished.
10	Remove cord from trunk jack.	
11	At selector — Insert make-busy tool between selector test jack springs 3 and 4.	
12	Operate handset switch to MON position.	At selector — Selector does not release.
13	Remove No. 240A plug from selector test jack.	
14	Insert No. 240A plug of handset into adjacent selector of the same multiple and shelf.	
15	Operate handset switch to TALK position.	
16	Dial level on which trunks are terminated.	Selector steps to level dialed, rotates to first idle trunk beyond trunk previously tested. Audible ringing heard in receiver.
17	Repeat Steps 4 through 16 on other trunks to be tested on same level except last trunk.	
18	Repeat Steps 4 through 15 on last trunk.	
19	Dial level on which trunks are terminated.	Selector steps to level dialed, rotates to eleventh step. All trunks busy tone heard in receiver.
20	Remove No. 240A plug from test jack.	Selector releases.
21	Remove all make-busy plugs.	All selectors release.

STEP	ACTION	VERIFICATION
F. Rural Trunks Arranged to Release When Last Party Disconnects		
1	Remove selector cover.	
2	With handset switch in MON position — Insert No. 240A plug of handset into test jack of selector used for test.	
3	Operate handset switch to TALK position.	
4	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver.
5	At switchboard — Answer call.	Audible ringing removed. Transmission satisfactory.
6	With plug in trunk jack, observe cord supervisory lamp.	
7	Operate handset switch to MON position.	At switchboard — Cord supervisory lamp lights. At selector — Selector does not release.
8	Operate handset switch to TALK position.	At switchboard — Cord supervisory lamp extinguished.
9	Step selector to next trunk to be tested. (See 1.12.)	At selector — Audible ringing heard in receiver.
10	Repeat Steps 5 through 9 on other trunks to be tested on same level except last trunk.	
11	Repeat Steps 5 through 8 on last trunk.	
12	Operate handset switch to MON position.	
13	At switchboard — Remove cord.	At selector — Selector releases.
14	At selector — Remove No. 240A plug from selector test jack.	
15	Remove blocking tools and toothpicks, if used.	
16	Replace selector cover.	

G. Trunks to Test Desk

1	Remove selector cover.
2	With handset switch in MON position — Insert No. 240A plug of handset into test jack of selector used for test.

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STEP	ACTION	VERIFICATION
3	Operate handset switch to TALK position.	
4	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver. <i>Note:</i> When testing trunks to a No. 14 test desk, audible ringing signal will not be heard in the case of circuits of earlier design.
5	At test desk — Answer call.	Audible ringing removed. At test desk — Verify flashing red lamp became steady red busy signal lamp, when cord was inserted in trunk jack. <i>Note:</i> If No. 3 test cabinet is not equipped with flashing circuit — Red and white lamps lighted steady.
6	At selector — Operate handset switch to MON position.	Selector does not release.
7	Operate handset switch to TALK position.	
8a	If trunk is to No. 14 test desk — Remove cord from trunk jack for about four seconds.	White lamp flashes about two seconds. Red lamp lighted steady.
9a	At selector — Request disconnect at test desk. Hold handset switch in TALK position.	
10a	At test desk — Remove plug from trunk jack.	White lamp flashes. At selector — Selector does not release.
11a	At selector — Operate handset switch to MON position.	At test desk — White lamp extinguished.
12a	At test desk — Operate DIS key.	At selector — Selector releases.
13b	If trunk is to No. 3 test cabinet — Operate HOLD key.	At test desk — Red and white lamps lighted steady.
14b	Remove plug from jack for about four seconds.	
15b	At selector — Operate handset switch to MON position.	White lamp extinguished. At selector — Selector does not release.
16b	Operate handset switch to TALK position.	At test desk — White lamp lighted steady.

STEP	ACTION	VERIFICATION
17b	At test desk — Release HOLD key and remove plug from jack.	
18b	At selector — Operate handset switch to MON position.	Selector releases. At test desk — Lamps extinguished.
19	Operate handset switch to TALK position.	
20	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk.
21	Step selector to next trunk to be tested. (See 1.12.)	Audible ringing, if provided, heard in receiver.
22	Repeat Steps 5 through 21, as required, on all other trunks to be tested on same level except last trunk.	
23	Repeat Steps 5 through 18b, as required, on last trunk.	
24	Remove No. 240A plug from selector test jack.	
25	Remove blocking tools and toothpicks, if used.	
26	Replace selector cover.	

H. Trunks Arranged for Vacant Level Tone or No-Such-Number Tone

1	With handset switch in MON position — Insert No. 240A plug of handset into test jack springs 1 and 2 of selector used for test.	
2	Operate handset switch to TALK position.	
3	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Proper vacant level or no-such-number tone heard in receiver.
4	Operate handset switch to MON position.	Selector releases.
5	Operate handset switch to TALK position.	
6	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to trunk previously tested (if trunk is not seized by another call).
7	Insert make-busy tool between selector test jack springs 3 and 4.	
8	Operate handset switch to MON position.	Selector does not release.
9	Remove No. 240A plug from selector test jack.	

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STEP	ACTION	VERIFICATION
10	Insert No. 240A plug into adjacent selector test jack of same multiple and shelf.	
11	Operate handset switch to TALK position.	
12	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk beyond trunk previously tested. Proper vacant level or no-such-number tone heard in receiver.
13	Repeat Steps 4 through 12 on all other trunks to be tested on same level except last trunk.	
14	Repeat Steps 4 through 11 on last trunk.	
15	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to eleventh step. All trunks busy tone heard in receiver.
16	Remove No. 240A plug from selector test jack.	Selector releases.
17	Remove all make-busy tools.	All selectors release.

I. Trunks to Intercepting Positions

Test of Earlier Types of Trunks

1	With handset switch in MON position — Insert No. 240A plug of handset into test jack springs 1 and 2 of selector used for test.	
2	Operate handset switch to TALK position.	
3	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver.
4	At switchboard — Answer call.	Audible ringing removed. Transmission satisfactory.
5	With plug in trunk jack — Observe cord supervisory and trunk lamps.	
6	At selector — Operate handset switch to MON position.	Selector releases. At switchboard — Cord supervisory lamp lights.
7	Operate handset switch to TALK position.	
8	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to last trunk tested. At switchboard — Trunk lamp relights.
9	At switchboard — Remove and reinsert plug.	Supervisory and trunk lamps extinguished. Verify proper cord signal received, trunk lamp remained extinguished for short interval until new call was originated.

STEP	ACTION	VERIFICATION
10	At selector — Insert make-busy tool between selector test jack springs 3 and 4.	
11	Operate handset switch to MON position.	
12	Remove No. 240A plug from selector test jack.	At selector — Selector does not release.
13	Insert No. 240A plug into test jack of adjacent selector on same multiple and shelf.	
14	Operate handset switch to TALK position.	
15	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk beyond trunk previously tested. Audible ringing heard in receiver.
16	Repeat Steps 4 through 15 on all other trunks to be tested on same level except last trunk.	
17	Repeat Steps 4 through 14 on last trunk.	
18	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to eleventh step. All trunks busy tone heard in receiver.
19	Remove No. 240A plug from test jack.	Selector releases.
20	Remove all make-busy tools.	All selectors release.
Test of Later Types of Trunks Arranged to Work with Trunk Finders or Wired Direct to a No. 15 Type Switchboard		
21	With handset switch in MON position — Insert No. 240A plug of handset into test jack springs 1 and 2 of selector used for test.	
22	Operate handset switch to TALK position.	
23	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver.
24	At switchboard — Answer call.	Audible ringing removed. Transmission satisfactory.
		<i>Note:</i> If the circuits are arranged to distinguish between "regular" intercepting and "trouble" intercepting from plugging-up lines, verify that the call was received through the "regular" intercepting jack circuit.
25a	If trunks are wired direct to a No. 15 type switchboard — At switchboard — Remove and reinsert plug into trunk jack.	Selector does not release. At switchboard — Trunk lamp does not relight.

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STEP	ACTION	VERIFICATION
26b	If circuits are arranged so that trunk under test is held busy under control of switchboard cord in trunk jack — Request cord be left in trunk jack even though disconnect lamp lights.	
27b	At selector — Remove No. 240A plug from selector test jack.	Cord supervisory lamp lights. At selector — Selector releases.
28c	If circuits are arranged so that trunk under test is not held busy under control of switchboard cord in trunk jack — Insert make-busy tool between springs 3 and 4 of selector test jack.	
29c	Remove No. 240A plug from selector test jack.	Selector does not release.
30	Repeat Steps 21 through 29c, as required, on all other trunks to be tested on same level using different selector of same multiple and shelf.	Selector steps to level dialed, rotates to first idle trunk beyond trunk previously tested.
31b	When testing last trunk on level — If circuits are arranged so that trunk under test is held busy under control of switchboard cord in trunk jack — At switchboard — Leave cords in trunk jack of all trunks already tested for about six seconds, then remove them. <i>Note:</i> Steps 32b through 34b should be completed in the interval during which all trunks are held busy by cords at switchboard.	
32b	Operate handset switch to MON position.	Selector releases.
33b	Operate handset switch to TALK position.	
34b	Dial level under test.	Selector steps to level dialed, rotates to eleventh step. All trunks busy tone heard in receiver.
35b	Operate handset switch to MON position.	Selector releases.
36b	Operate handset switch to TALK position.	
37b	After interval sufficient to allow removal of cords — Dial level on which tests are being made.	Selector steps to level dialed, rotates to first idle trunk. At switchboard — Verify that all cords are removed.
38b	Remove No. 240A plug from test jack.	At selector — Selector releases.

STEP	ACTION	VERIFICATION
39c	When testing last trunk on level — If circuits are arranged so that trunk under test is not held busy under control of switchboard — Operate handset switch to MON position.	
40c	Insert No. 240A plug of handset into different selector with access to trunks under test.	
41c	Operate handset switch to TALK position.	
42c	Dial level under test.	Selector steps to level dialed, rotates to eleventh step. All trunks busy tone heard in receiver.
43c	Remove No. 240A plug from test jack.	Selector releases.
44c	Remove all make-busy tools.	All selectors release.

J. Trunks to No. 1 or No. 2 Repair Clerk's Desk

1	With handset switch in MON position — Insert No. 240A plug of handset into test jack of selector used for test.	
2	Operate handset switch to TALK position.	
3	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver.
4	At repair clerk's desk — Answer call.	Audible ringing removed. Transmission satisfactory. Trunk lamp extinguished. <i>Note:</i> If No. 2 desk, trunk lamp may or may not be extinguished when call is answered.
5a	If trunk lamp is extinguished — Restore and reoperate trunk key.	Trunk lamp does not relight.
6b	If No. 2 desk is arranged for busy lamp when call is answered — Verify lamp condition.	Trunk lamp lights as steady busy signal.
7	Operate trunk key to HOLD position.	
8	At selector — Operate handset switch to MON position.	Selector releases.
9	Operate handset switch to TALK position.	
10	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates past trunk previously tested, stops on next idle trunk. Audible ringing heard in receiver.

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STEP	ACTION	VERIFICATION
11	Repeat Steps 4 through 10, as required, on all other trunks to be tested on same level.	
12	When testing last trunk on level — At repair clerk's desk — Leave all keys of trunks on level already tested in HOLD position for about six seconds, then restore them to normal. <i>Note:</i> Steps 13, 14, and 15 should be completed in the interval during which all HOLD keys are operated.	
13	At selector — Operate handset switch to MON position.	Selector releases.
14	Operate handset switch to TALK position.	
15	Dial level on which trunks are being tested.	Selector steps to level dialed, rotates to eleventh step. All trunks busy tone heard in receiver.
16	Operate handset switch to MON position.	Selector releases.
17	Operate handset switch to TALK position.	
18	After interval sufficient to allow restoral of HOLD keys — Dial level on which tests are being made.	Selector steps to level dialed, rotates to first idle trunk. At repair clerk's desk — Verify that all keys have been restored.
19	Remove No. 240A plug from test jack of selector.	Selector releases.

K. Information and Intercept Trunks to No. 3, No. 4, or No. 6 Information Desk

1	Remove selector cover.	
2	With handset switch in MON position — Insert No. 240A plug of handset into test jack of selector used for test.	
3	Operate handset switch to TALK position.	
4	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver.
5a	If call is on information trunk — At information desk — Answer call.	Audible ringing removed. Transmission satisfactory. At information desk — Trunk lamp lights. If call is established over interposition trunk — Trunk lamp extinguished. Verify correct incoming office designation on lamp cap (if provided).

STEP	ACTION	VERIFICATION
6b	If call is on intercept trunk — Answer call.	At information desk — Trunk lamp lights. Identifying tone heard (if provided).
7b	Operate FLA or TR key momentarily.	Tone removed. Transmission satisfactory. Verify call terminated on a position arranged for intercept service. At selector — Audible ringing removed.
8	At selector — Operate handset switch to MON position.	Selector releases. At information desk — Trunk lamp extinguished.
9	Operate handset switch to TALK position.	
10	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk.
11	Step selector to next trunk to be tested. (See 1.12.)	Audible ringing heard in receiver.
12	Repeat Steps 5a through 11, as required, on all other trunks to be tested on same level except last trunk.	
13	On last trunk of level, repeat Steps 5a through 8, as required.	
14	Operate handset switch to TALK position.	
15	Dial level on which test is being made.	Selector steps to level dialed, rotates to first idle trunk.
16	Step selector to eleventh rotary step. (See 1.12.)	All trunks busy tone heard in receiver.
17	Operate handset switch to MON position.	Selector releases.
18	Remove No. 240A plug from test jack.	
19	Remove blocking tools and toothpicks, if used.	
20	Replace selector cover.	

L. Trunks to No. 7 Information Desk

1	Remove selector cover.	
2	With handset switch in MON position — Insert No. 240A plug of handset into test jack of selector used for test.	
3	Operate handset switch to TALK position.	
4	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver. At information desk — Trunk lamp lights.

STEP	ACTION	VERIFICATION
5	At information desk — Answer call.	Trunk lamp extinguished. Transmission satisfactory. At selector — Audible ringing removed.
6	Restore TALK key to normal and re-operate.	At information desk — Trunk lamp does not relight.
7	At selector — Operate handset switch to MON position.	Selector releases.
8	Operate handset switch to TALK position.	
9	Dial level on which tests are being made.	Selector steps to level dialed, stops on first idle trunk.
10	Step selector to next trunk to be tested. (See 1.12.)	Audible ringing heard in receiver.
11	Repeat Steps 5 through 10 on all other trunks to be tested on same level, except last trunk on level.	
12	On last trunk of level, repeat Steps 5 through 9.	
13	Step selector to eleventh rotary step. (See 1.12.)	All trunks busy tone heard in receiver.
14	Operate handset switch to MON position.	Selector releases.
15	Remove No. 240A plug from test jack.	
16	Remove blocking tools and toothpicks, if used.	
17	Replace selector cover.	

M. Trunks to Repair Clerk's Desk Arranged for Night Transfer

Note: See 1.06 regarding service calls.

1	At desk — Operate transfer key associated with trunks to repair clerk's desk to transfer position.	
2	At selector — With handset switch in MON position — Insert No. 240A plug of handset into test jack of selector used for test.	
3	Operate handset switch to TALK position.	
4	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver. At switchboard — Trunk lamp lights.

STEP	ACTION	VERIFICATION
5	At switchboard — Answer call.	Trunk lamp extinguished. Cord supervisory lamp extinguished. At selector — Audible ringing removed. Transmission satisfactory.
6	Remove and reinsert plug in trunk jack.	Trunk lamp does not relight.
7	Leave plug in jack and observe supervision.	
8	At selector — Operate handset switch to MON position.	Selector releases. At switchboard — Cord supervisory lamp lights.
9	Operate handset switch to TALK position.	
10	Dial level on which tests are being made.	Selector steps to level dialed, rotates past trunk previously tested, stops on next idle trunk. Audible ringing heard in receiver. At switchboard — Trunk lamp lights.
11	At switchboard — Answer call.	Trunk and cord lamps extinguished. At selector — Audible ringing removed. Transmission satisfactory. Verify that cord lamp functioned properly on trunk previously tested.
12	Repeat Steps 6 through 11 on all other trunks to be tested on same level except last trunk on level.	
13	When testing last trunk on level — At switchboard — Remove cords from trunk jacks of all trunks previously tested. Repeat Steps 6 through 9.	
14	Dial level on which tests are being made.	Selector steps to level dialed, rotates to first idle trunk. Verify that cord lamp functioned properly on trunk previously tested.
15	At switchboard — Disconnect when cord lamp lights.	
16	At selector — Operate handset switch to MON position.	Selector releases.
17	Remove No. 240A plug from test jack of selector.	
18	At desk — Restore to normal transfer key associated with trunks to repair clerk's desk.	

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STEP	ACTION	VERIFICATION
N. Information and Intercept Trunks to No. 23 Desks		
1	Remove selector cover.	
2	With handset switch in MON position — Insert No. 240A plug of handset into test jack of selector used for test.	
3	Operate handset switch to TALK position.	
4	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk. Audible ringing heard in receiver.
5a	If testing information trunk automatically distributed to first idle position — At desk — Answer call.	Trunk lamp lights. Identifying tone heard (if provided).
6a	Operate FL or TR key momentarily.	Tone removed. Transmission satisfactory. Verify call terminated on a position ar- ranged for information service and correct tone was heard at position. At selector — Audible ringing signal removed.
7b	If testing intercept trunk automatically distributed to first idle position — At desk — Answer call.	Trunk lamp lights. Identifying tone heard (if provided).
8b	Operate FL or TR key momentarily.	Tone removed. Transmission satisfactory. Verify call terminated on a position ar- ranged for intercept service and correct tone was heard at position. At selector — Audible ringing signal removed.
9c	If testing key ended trunk such as on 23E desk — At desk — Answer call.	Trunk lamp extinguished. Transmission satisfactory. At selector — Audible ringing removed.
10c	Release and reoperate TALK key.	Trunk lamp does not relight.
11	At selector — Operate handset switch to MON position.	Selector releases.
12	Operate handset switch to TALK position.	
13	Dial level on which trunks to be tested are terminated.	Selector steps to level dialed, rotates to first idle trunk.
14	Step selector to next trunk to be tested. (See 1.12.)	Audible ringing heard in receiver.

STEP	ACTION	VERIFICATION
15	Repeat Steps 5a through 14, as required, on all other trunks to be tested on same level except last trunk.	
16	On last trunk of level, repeat Steps 5a through 11, as required.	
17	Operate handset switch to TALK position.	
18	Dial level on which test is being made.	Selector steps to level dialed, rotates to first idle trunk.
19	Step selector to eleventh rotary step. (See 1.12.)	All trunks busy tone heard in receiver.
20	Operate handset switch to MON position.	Selector releases.
21	Remove No. 240A plug from test jack.	
22	Remove blocking tools and toothpicks, if used.	
23	Replace selector cover.	