1. GENERAL

1.01 This section describes a method of testing juncor circuit SD-27725-01 for completion of intraoffice calls to line link pulsing circuits. This juncor is arranged for automatic message accounting and may be furnished with or without Phase III centrex features. These tests are performed using the master test control circuit SD-25800-01 and the trunk test circuit SD-25918-01 in No. 5 crossbar offices.

1.02 This section is reissued for the reasons listed below. Arrows are used to emphasize the most significant changes. Equipment test lists are affected.

(1) To add calling data transmitter (CDT) features to all tests except E

(2) To clarify use of DL_ keys and selection of digits.

1.03 The tests covered are:

A. Juncor Seizure and Release:
The following features are checked:
(1) Seizure of juncor. (2) Continuity of originating and terminating sleeve leads. (3) Continuity and polarity of originating tip and ring leads.

B. Supervision — Originating End Disconnect: The following features are checked: (1) Charge functions. (2) Ability to hold if extra digits are dialed into the juncor. (3) Timed release in 13 to 32 seconds when only the originating end disconnects.

C. Supervision — Terminating End Disconnect: The following features are checked: (1) Charge functions. (2) Timed release in 13 to 32 seconds when only the terminating end disconnects.

D. Noncharge Supervision: This test checks that a charge condition is not established when an answered call is held less than 2 seconds.

E. Cancel Disconnect Entry (LAMA-C, CDT, or ETS not Provided): This test checks cancellation of disconnect entry and release of the juncor if a disconnect entry is not completed within 2 to 6 seconds after disconnect.

F. Call to Free Line: This test checks that no-answer or disconnect entries are made on a free-line call.

G. Juncor Busy: This test checks that only a test call can complete to an idle made-busy juncor. It also checks that a service call can complete to an idle juncor.

H. Reorder: This test checks that an overflow tone is returned to the originating end when an outgoing sender is unable to complete its function.

I. Line Busy: This test checks that a busy tone is returned to the originating end when the called line is found busy.
J. Universal Pad Control: This test checks the operation of the PCA and PCB relays which are used for pad control in the junctor circuit.

PHASE III CENTREX

K. Listed Directory Number — LDN: The following features are checked: (1) Completion to an attendant. (2) Answer entry. (3) Supervision. (4) Release.

L. Transfer to Attendant: This test checks the ability of the junctor to recognize a transfer request and allow completion of a call to an attendant from a previously called station.

M. Attendant Start-In Call: The following features are checked: (1) Ability of the junctor to complete an LDN call to an attendant. (2) Transfer call to a station within the customer group. (3) Release destination and retransfer to a second station.

N. No Transfer Register Available: This test checks the ability of the junctor to maintain a transmission path when no transfer register is available.

O. Transfer Denied: This test checks the ability of the junctor to recognize and deny a transfer request from a customer (noncentrex) not allowed to initiate a transfer.

P. Station-to-Station Transfer: This test checks the ability of a centrex station to transfer an incoming call to another station within the customer group.

Q. Don’t Answer Transfer: This test checks for automatic transfer to an attendant when an incoming call is not answered within a specific time.

R. Called Party Disconnect First: This test checks the ability of the junctor to return to normal within 3 seconds when the called party disconnects and calling party remains on-hook for more than 2 seconds.

1.04 Test J requires actions and verifications at the master test frame (MTF) and the relay rack frame.

1.05 Test N requires that all transfer registers be made busy.

1.06 Lettered Steps: A letter a, b, c, etc, added to a step number in Parts 3 and 4 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.

1.07 The manner of selecting some circuits and test conditions at the MTF and its associated circuits varies depending on the apparatus options furnished with these circuits. Therefore, where variable means of selection are provided, precise instructions for the selection of circuits and test conditions are not given. Precise instructions for the use of these variable means are given in Section 218-106-301.

1.08 The location statement, At MTF—, is used to refer to all apparatus located on the four basic bays of the MTF.

1.09 When the office is arranged for LAMA-C or ETS, the distributors and scanners associated with the marker and trunk used in the test call must be in service or in a maintenance-busy condition—not in an out-of-service condition. To change a scanner or distributor from an out-of-service to a maintenance-busy condition, use the procedure given in the following sections for the office arrangement.


1.10 When the trunk under test is arranged for ETS, the first completed test call from the MTF will cause the TST bit to be set in the trunk register associated with the selected trunk, enabling trunk supervisory scanning to be repeated on the FT, CS, and S1 lamps at the MTF trunk test circuits. As long as the TST bit is set in the trunk register, supervision will continue to be repeated on the lamps, even on service calls. The TST bit will remain set in the trunk register until (1) a test call is made from the MTF to another trunk, or (2) the command STOP:TRK TST is entered at the maintenance TTY.

1.11 When CDT (calling data transmitter) billing system is provided in the office, this trunk may or may not handle billable calls. When it is arranged for billable calls, supervisory scan points will be assigned and supervision will be repeated from the scan points on test calls to the MTF by CS and S1 lamps.

1.12 When CDT is provided, there may be several configurations in the office—single controller, dual controller with the trunk assigned to one controller, or dual controller and the trunk is assigned to both controllers. When assigned to both controllers in a dual controller configuration, one test must be made to each controller to verify scan points for each controller.

2. APPARATUS

All Tests

2.01 Master test control circuit, SD-25800-01.

2.02 Trunk test circuit, SD-25918-01.

Tests A Through E, I, K

2.03 KS-3008 stopwatch or equivalent.

Test E

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

Test J

2.05 Connecting cord, 2 feet or 3 feet 6 inches long, equipped with two P-15A864 chucks (W1AL) as required (for connecting terminal strip terminals).

2.06 1B-type test console equipped with a D-75A-61 cord with a KS-16409, L19 connector unit.

2.07 53-type head telephone set or equivalent.

2.08 2500D TOUCH-TONE® telephone set or equivalent equipped with a 3W9A cord with 310 plug.

2.09 322A (make-busy) plugs as required.

Tests K, L, M — If Test Attendant Trunk is Arranged for Console Operation

2.06 1B-type test console equipped with a D-75A-61 cord with a KS-16409, L19 connector unit.

2.07 53-type head telephone set or equivalent.

Tests K, L, M — If Test Attendant Trunk is Arranged for 608A Switchboard Operation

2.08 2500D TOUCH-TONE® telephone set or equivalent equipped with a 3W9A cord with 310 plug.

Test N

2.09 322A (make-busy) plugs as required.

3. PREPARATION

STEP    ACTION    VERIFICATION

All Tests

Note: Refer to paragraphs 1.07 through 1.12.

1  At MTF—  
   Restore all keys and switches.  

All lamps extinguished.

2  Momentarily operate RL key.

3  Select marker.
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<table>
<thead>
<tr>
<th>STEP</th>
<th>ACTION</th>
<th>VERIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Select MISC class of test.</td>
<td>●</td>
</tr>
<tr>
<td>5</td>
<td>Select route advance as required.</td>
<td>●</td>
</tr>
<tr>
<td>6</td>
<td>Select junctor under test.</td>
<td>●</td>
</tr>
<tr>
<td>7</td>
<td>Select $A__, B__, C__$ digits as required for route served by junctor under test.</td>
<td>●</td>
</tr>
<tr>
<td>8</td>
<td>Select class of service and rate treatment having access to junctor under test.</td>
<td>●</td>
</tr>
<tr>
<td>9</td>
<td>Select trunk link frame.</td>
<td>●</td>
</tr>
<tr>
<td>10</td>
<td>Select originating class of call and associated translator indication.</td>
<td>●</td>
</tr>
<tr>
<td>11</td>
<td>Operate KY, TLK keys.</td>
<td>●</td>
</tr>
<tr>
<td>12</td>
<td>Operate DL3/DL6 keys as required. (Refer to Table A.)</td>
<td>●</td>
</tr>
</tbody>
</table>

**Note:** Examples are given below for the use of either the DL3 or DL6 (Delete 3 or 6 digit) keys. Suppose office code 394 is used to route to the selected junctor and the associated incoming register expects 7 digits. 394 plus local office code plus number for terminating test line (MTF) will be set up on A through K keys or switches, and the DL3 key operated. The incoming register will then receive from the sender only the local office code and the number of the MTF terminating test line. Suppose the junctor is selected by the thousands digit of the directory number 384-8XXX, and the incoming register expects only 4 digits. 384 plus 8XX plus number of MTF terminating test line will be set up on the A through K keys or switches and the DL6 key operated. The incoming register will then receive from the sender only the number of the MTF terminating test line. If the LLP group is determined by the hundreds digit, in order to use the terminating test line, a test number must be cross-connected into the hundred series in the number group that the LLP group uses. Use the line location associated with the terminating test line, and the ringing combination for the silent level.●
STEP ACTION

All Tests Except E

13a If ETS provided—
Operate PCS, PTS keys.

14b If trunk is to be tested for CDT—
Operate CDTT key.

15b When trunk is assigned to CDT dual controllers,
select controller—
Operate CDC 0/1 key.

16b When a trouble record is to be taken from
the CDT translator access (TA) circuit—
Operate TREC key.

17b When the CDT controller operates with both
shared and dedicated translator circuits and a
particular translator circuit is to be used for
the test—
Operate TAD key to select dedicated TA circuit
or operate TAS key to select shared TA circuit.

Note: When a TA circuit is not selected,
the controller will select the next available
TA circuit.

All Tests Except J

18 Operate FS, TS keys.

Tests A, B, C, D, E, G, H, J, R

19 Select D_ through K_ digits to route to POTS
terminating test line. (Refer to Table A.)

Note: Local office code plus 4 digits assigned
to POTS terminating test line. The number
of digits required in the local office code may
vary or may not be required, depending upon
the incoming class assigned to the junctor
circuit in the incoming register link.

Tests K Through N, Q, R

20 Operate CNTX key.

Tests K, L, M, Q

21c If test attendant trunk is arranged for console
operation—
SECTION 218-275-501

STEP ACTION

At test console—
Operate TST CNSL key.

22c Plug attached cord of test console in CNTX TST CONN T jack.

23c Plug head telephone set into operator telephone jack.

24d If phase III test attendant trunk is arranged for 608A switchboard operation—
At MTF—
Patch cord of TOUCH-TONE telephone set into ORT jack. (Check that handset is on hook.)

Tests L, N, O, P, Q

25 At MTF—
Select D_ through K_ digits to route to centrex terminating test line 2. (Refer to Table A.)

Note: Local office code plus 4 digits assigned to centrex terminating test line 2. The number of digits required in the local office code may vary or not be required depending upon the incoming class assigned to the junctor circuit in the incoming register link.

4. METHOD

STEP ACTION

A. Junctor Seizure and Release

20 Momentarily operate ST key.

◊ If CDTT key is operated—
S1 lamp lighted.◊
If ETS provided—
FT, S1 lamps lighted.
If LAMA-C, ◊CDT,◊ or ETS not provided—
IE, RN_ T_ and U_ lamps lighted.
If LAMA-C provided—
S1 lamp lighted.
AS, TS lamps lighted.
R- lamp flashes.
Ringing tone heard in unison with R- lamp flashes.
If answer and disconnect supervision is provided—
PK lamp lighted.
21 Operate ANS key; **start timing.**

22 Restore TLK, ANS keys.

23 Momentarily operate RL key.

24 Restore all keys and switches not required in next test.

**B. Supervision — Originating End Disconnect**

20 Momentarily operate ST key.
<table>
<thead>
<tr>
<th>STEP</th>
<th>ACTION</th>
<th>VERIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Operate ANS key; <em>start timing.</em></td>
<td>If CDTT key is operated— &lt;br&gt;CS lamp lighted. &lt;br&gt;R- lamp extinguished. &lt;br&gt;Ringing tone silenced. &lt;br&gt;High tone heard. &lt;br&gt; If answer and disconnect supervision is provided— &lt;br&gt;PK lamp extinguished. &lt;br&gt; If LAMA-C, CDTT, or ETS <em>not</em> provided— &lt;br&gt;In 2 to 6 seconds— &lt;br&gt;AE lamp lighted. &lt;br&gt; If ETS or LAMA-C provided— &lt;br&gt;CS lamp lighted.</td>
</tr>
<tr>
<td>23</td>
<td>In 2 minutes— &lt;br&gt;Restore TLK key; <em>start timing.</em></td>
<td>If CDTT key is operated— &lt;br&gt;S1, CS lamps extinguished. &lt;br&gt; If ETS provided— &lt;br&gt;FT, S1 lamps extinguished. &lt;br&gt; If LAMA-C provided— &lt;br&gt;S1 lamp extinguished. &lt;br&gt;AS lamp extinguished. &lt;br&gt;High tone silenced. &lt;br&gt; If disconnect entry is provided and LAMA-C, CDTT, or ETS <em>not</em> provided— &lt;br&gt;DE lamp lighted. &lt;br&gt; In 13 to 32 seconds— &lt;br&gt;TS lamp extinguished. &lt;br&gt;If ETS or LAMA-C provided— &lt;br&gt;CS lamp extinguished.</td>
</tr>
<tr>
<td>24</td>
<td>Restore ANS key.</td>
<td>All lamps extinguished.</td>
</tr>
<tr>
<td>25</td>
<td>Momentarily operate RL key.</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Restore all keys and switches not required in next test.</td>
<td></td>
</tr>
</tbody>
</table>

C. Supervision — Terminating End Disconnect

<table>
<thead>
<tr>
<th>STEP</th>
<th>ACTION</th>
<th>VERIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Momentarily operate ST key.</td>
<td>If CDTT key is operated— &lt;br&gt;S1 lamp lighted. &lt;br&gt; If LAMA-C provided— &lt;br&gt;S1 lamp lighted. &lt;br&gt; If ETS provided— &lt;br&gt;FT, S1 lamps lighted. &lt;br&gt; If LAMA-C, CDTT, or ETS <em>not</em> provided— &lt;br&gt;IE, RN-, T-, and U- lamps lighted. &lt;br&gt;AS, TS, lamps lighted. &lt;br&gt;R- lamp flashes.</td>
</tr>
</tbody>
</table>
STEP | ACTION | VERIFICATION
--- | --- | ---
21 | Operate ANS key; *start timing.* | Ringing tone heard in unison with R_ lamp flashes. If answer and disconnect supervision is provided— PK lamp lighted.

*If CDTT key is operated— CS lamp lighted.*
R_ lamp extinguished.
Ringing tone silenced.
High tone heard.
If LAMA-C, CDT, or ETS not provided— In 2 to 6 seconds— AE lamp lighted.
If answer and disconnect supervision is provided— PK lamp extinguished.
If LAMA-C or ETS provided— CS lamp lighted.

22 | In 2 minutes— Restore ANS key; *start timing.* | If answer and disconnect supervision is provided— PK lamp lighted.
High tone silenced.
In 13 to 32 seconds— AS, TS lamps extinguished.
If disconnect entry is provided, and LAMA-C, CDT, or ETS is not provided— DE lamp lighted.
If answer and disconnect supervision is provided— PK lamp extinguished.
If ETS provided— FT, CS, S1 lamps extinguished.
If LAMA-C provided— CS, S1 lamps extinguished.
*If CDTT key is operated— S1, CS lamps extinguished.*

23 | Momentarily operate RL key. | All lamps extinguished.

24 | Restore all keys and switches not required in next test. |

D. *Noncharge Supervision*

20 | Momentarily operate ST key. | *If CDTT key is operated— S1 lamp lighted.*
If LAMA-C provided— S1 lamp lighted.
If ETS provided— FT, S1 lamps lighted.
### SECTION 218-275-501

<table>
<thead>
<tr>
<th>STEP</th>
<th>ACTION</th>
<th>VERIFICATION</th>
</tr>
</thead>
</table>
| 21   | Operate ANS key for 1-1/2 to 2 seconds; *start timing.* | If LAMA-C, ✰CDT,✰ or ETS not provided—
IE, RN, T, and U lamps lighted.
AS, TS lamps lighted.
R- lamp flashes.
Ringing tone heard in unison with R- lamp flashes.
If answer and disconnect supervision is provided—
PK lamp lighted. |
| 22   | In 7 to 9 seconds—
Restore TLK key. | If ETS or LAMA-C provided ✰or CDTT key is operated—
CS lamp lighted while ANS key is operated.
High tone heard while ANS key is operated.
AE lamp not lighted.
If answer and disconnect supervision is provided—
PK lamp extinguished. |
| 23   | Momentarily operate RL key. | All lamps extinguished. |
| 24   | Restore all keys and switches not required in next test. | |

### E. Cancel Disconnect Entry (LAMA-C, ✰CDT,✰ or ETS Not Provided)

<table>
<thead>
<tr>
<th>STEP</th>
<th>ACTION</th>
<th>VERIFICATION</th>
</tr>
</thead>
</table>
| 20   | Momentarily operate ST key. | AS, TS, T,2/5, U,2/5, IE, RN lamps lighted.
R- lamp flashes.
Ringing tone heard in unison with R- lamp flashes.
If answer and disconnect supervision is provided—
PK lamp lighted. |
| 21   | Operate ANS key. | R- lamp extinguished.
Ringing tone silenced.
High tone heard.
In 2 to 6 seconds—
AE lamp lighted.
At relay rack frame—
MA relay associated with circuit under test |
<table>
<thead>
<tr>
<th>STEP</th>
<th>ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>At relay rack frame— Block operated S2 relay associated with circuit under test.</td>
</tr>
<tr>
<td>23</td>
<td>At MTF— In 2 minutes— Restore ANS key; start timing.</td>
</tr>
<tr>
<td>24</td>
<td>Remove blocking tool from S2 relay.</td>
</tr>
<tr>
<td>25</td>
<td>At MTF— Momentarily operate RL key.</td>
</tr>
<tr>
<td>26</td>
<td>Restore all keys and switches not required in next test.</td>
</tr>
</tbody>
</table>

**F. Call to Free Line**

<table>
<thead>
<tr>
<th>STEPS</th>
<th>ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>Select D_ through K_ digits to route to POTS terminating test line for free call. (Refer to Table A.)</td>
</tr>
</tbody>
</table>

**Note:** Local office code plus 4 digits assigned to POTS free number terminating test line. The number of digits required in the local office code may vary or may not be required, depending upon the incoming class assigned to the junctor circuit in the incoming register link.

<table>
<thead>
<tr>
<th>STEPS</th>
<th>ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Momentarily operate ST key.</td>
</tr>
</tbody>
</table>

**VERIFICATION**

- If answer and disconnect supervision is provided—
  - At MTF— PK lamp extinguished.
  - High tone silenced.
  - In 13 to 33 seconds—
    - AS, TS lamps extinguished.
    - If disconnect entry if provided—
      - DE lamp not lighted.
  - At relay rack frame—
    - S1 relay associated with circuit under test released.
    - In 2 to 5 seconds after release of S1 relay—
      - MA relay associated with circuit under test released.

- All lamps extinguished.
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STEP | ACTION | VERIFICATION

21 | Operate ANS key; **start timing.** | R- lamp flashes.  
|  |  | Ringing tone heard in unison with flashing R- lamp.  
|  |  | If answer and disconnect supervision is provided—  
|  |  | PK lamp lighted.  
|  |  | •If CDTT key is operated—  
|  |  | CS lamp lighted.  
|  |  | If ETS or LAMA-C provided—  
|  |  | CS lamp lighted.  
|  |  | R- lamp extinguished.  
|  |  | Ringing tone silenced.  
|  |  | If LAMA-C or ETS **not** provided—  
|  |  | In 2 to 6 seconds—  
|  |  | AE lamp **not** lighted.  
|  |  | If answer and disconnect supervision is provided—  
|  |  | PK lamp extinguished.  

22 | Restore ANS, TLK keys. | •If CDTT key is operated—  
|  |  | S1, CS lamps extinguished.  
|  |  | If LAMA-C provided—  
|  |  | CS, S1 lamps extinguished.  
|  |  | If ETS provided—  
|  |  | CS, FT, S1 lamps extinguished.  
|  |  | High tone silenced.  
|  |  | AS, TS lamps extinguished.  
|  |  | If disconnect entry is provided—  
|  |  | DE lamp **not** lighted.  

23 | Momentarily operate RL key. | All lamps extinguished.  

24 | Restore all keys and switches not required in next test. | MB lamp lighted.  

G. Junctor Busy

20 | At relay rack frame—  
|  | Set MB switches to MB associated with all junctors of same route on same trunk link frame as junctor under test. | MB lamp lighted.  

21 | At MTF—  
|  | Momentarily operate ST key. | TB lamp lighted.  
|  |  | AS, TS, T_2/5, U_2/5, IE, RN lamps not lighted.  
|  |  | All lamps extinguished.  

22 | Momentarily operate RL key. |  

23 | Restore FS, TS keys. |  

24 | Operate NTFS, NTTS keys. |  

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STEP | ACTION | VERIFICATION
---|---|---
25 | Momentarily operate ST key. | •If CDTT key is operated—
| | | S1 lamp lighted.
| | | If LAMA-C provided—
| | | S1 lamp lighted.
| | | If ETS provided—
| | | FT, S1 lamps lighted.
| | | AS, TS lamps lighted.
| | | If LAMA-C, CDTT, or ETS not provided—
| | | IE, RN, T, and U lamps lighted.
26 | Momentarily operate RL key. | All lamps extinguished.
27 | At relay rack frame—
| | Set all MB switches to N. | If ETS provided—
| | | FT lamp remains lighted.
| | | MB lamp extinguished.
| | | If ETS provided—
| | | FT lamp extinguished.
28 | At MTF—
| | Restore all keys and switches not required in next test. | 

H. Reorder

20 | Operate ROT key. | •If CDTT key is operated—
| | | S1 lamp lighted.
| | | If ETS provided—
| | | FT, S1 lamps lighted.
| | | If LAMA-C provided—
| | | S1 lamp lighted.
| | | Overflow tone heard.
| | | AS lamp lighted.
| | | Overflow tone silenced.
| | | All lamps extinguished.
21 | Momentarily operate ST key. | 
22 | Momentarily operate RL key. | 
23 | Restore all keys and switches not required in next test. | 

I. Line Busy

19 | Select D through K digits to route to POTS terminating test line for permanent busy test number. (Refer to Table A.) | 
| | | Note: Local office code plus 4 digits assigned to office permanent busy test number. The number of digits required in the local office code may vary or may not be required depending
SECTION 218-275-501

STEP ACTION

upon the incoming class assigned to the junctor circuit in the incoming register link.

20 Momentarily operate ST key.

21 Momentarily operate RL key.

22 Restore all keys and switches not required in next test.

J. Universal Pad Control

20 Operate NTFS, NTTS keys.

21 At relay rack frame—
Set MB switch associated with junctor under test to MB.

22 Connect terminals 42 to 52 on terminal strip A associated with junctor circuit under test.

23 Connect terminals 42, and 52 on terminal strip B associated with junctor circuit under test.

24 At MTF—
Momentarily operate ST key.

25 Remove connection from terminals 42, and 52 on terminal strips A and B.

26 At MTF—
Momentarily operate RL key.

27 At MTF—
Restore all keys and switches not required in next test.

28 At relay rack frame—
Set MB switch to normal.

VERIFICATION

Busy tone heard.

Busy tone silenced.

All lamps extinguished.

If CDTT key is operated—
   S1 lamp lighted.
If ETS provided—
   FT, S1 lamps lighted.
If LAMA-C provided—
   S1 lamp lighted.
AS, TS lamps lighted.
At relay rack frame—
   PCA, PCB relays associated with junctor under test operated.

PCA, PCB relays remain operated.

If ETS provided—
   FT lamp remains lighted.
All lamps extinguished.
At relay rack frame—
   PCA, PCB relays released.

If ETS provided—
   FT lamp extinguished.
### PHASE III CENTREX

**K. Listed Directory Number — LDN**

<table>
<thead>
<tr>
<th>STEP</th>
<th>ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>Select D through K digits for routing to test attendant trunks. <strong>Note:</strong> Local office code plus 4 digits assigned to test attendant trunk. The number of digits required in the local office code may vary or may not be required depending upon the incoming class assigned to the junctor circuit in the incoming register link.</td>
</tr>
<tr>
<td>26</td>
<td>Operate CDN key.</td>
</tr>
<tr>
<td>27</td>
<td>Momentarily operate ST key.</td>
</tr>
</tbody>
</table>
| 28c  | If test attendant trunk is arranged for console operation—
|      | At test console—
|      | Momentarily operate RLS key. |
| 29c  | Momentarily operate TST key. |
| 30c  | Momentarily operate Talk key. |

**Verification**

- CDN, TRF lamps lighted.
- If CDTT key is operated—
  - S1 lamp lighted.
  - If ETS provided—
    - FT, S1 lamps lighted.
  - If LAMA-C provided—
    - S1 lamp lighted.
    - AS lamp lighted.
    - Ringing tone heard.
  - If test attendant trunk is arranged for console operation—
    - At test console—
      - CW, TST lamps lighted.
  - If test attendant trunk is arranged for 608A switchboard operation—
    - At MTF—
      - Within 4 seconds—
        - CTX lamp flashes at 60 ipm.
    - If LAMA-C, CDT, or ETS *not* provided—
      - IE, RN, T_2/5, U_2/5 lamps lighted identifying trunk.
- RLS lamp lighted.
- TST lamp extinguished.
- TST lamp lighted.
- RLS lamp extinguished.
- Source lamp flashes at 60 ipm.
- Audible signal sounds.
- Talk lamp lighted.
- Source lamp lighted steadily.
- Audible signal silenced.
- CW lamp extinguished.
- At MTF—
<table>
<thead>
<tr>
<th>STEP</th>
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</thead>
<tbody>
<tr>
<td>31c</td>
<td>At test console—&lt;br&gt;Momentarily operate HOLD key.</td>
<td>Ringing tone silenced. No talking path to test console. If LAMA-C, CDT, or ETS not provided—&lt;br&gt;AE lamp lighted. If LAMA-C or ETS provided—&lt;br&gt;CS lamp lighted. If CDTT key is operated—&lt;br&gt;CS lamp lighted.</td>
</tr>
<tr>
<td>32c</td>
<td>Momentarily operate Talk key.</td>
<td>Talk lamp flashes at 30 ipm. No talking path to MTF.</td>
</tr>
<tr>
<td>33c</td>
<td>At MTF—&lt;br&gt;Restore TLK key.</td>
<td>AS lamp extinguished. No talking path to test console. If disconnect entry is provided, and LAMA-C, CDT, or ETS not provided—&lt;br&gt;Within 6 seconds—&lt;br&gt;DE lamp lighted. If LAMA-C provided—&lt;br&gt;CS, S1 lamps extinguished. If ETS provided—&lt;br&gt;FT, CS, S1 lamps extinguished. If CDTT key is operated—&lt;br&gt;S1, CS lamps extinguished.</td>
</tr>
<tr>
<td>34c</td>
<td>At test console—&lt;br&gt;Within 13 seconds—&lt;br&gt;Momentarily operate RLS key.</td>
<td>All lamps extinguished.</td>
</tr>
<tr>
<td>35c</td>
<td>At MTF—&lt;br&gt;Momentarily operate RL key.</td>
<td>All lamps extinguished.</td>
</tr>
<tr>
<td>36d</td>
<td>If Phase III test attendant trunk is arranged for 608A switchboard operation—&lt;br&gt;Operate CANS key.</td>
<td>CTX lamp extinguished. Ringing tone silenced.</td>
</tr>
<tr>
<td>37d</td>
<td>At telephone in ORT jack—&lt;br&gt;Remove handset.</td>
<td>Talking path established to telephone on MTF.</td>
</tr>
<tr>
<td>38d</td>
<td>Replace handset.</td>
<td>AS lamp extinguished. If LAMA-C provided—&lt;br&gt;S1 lamp extinguished. If ETS provided—&lt;br&gt;FT, S1 lamps extinguished. If CDTT key is operated—&lt;br&gt;S1 lamp extinguished.</td>
</tr>
<tr>
<td>39d</td>
<td>Restore TLK key.</td>
<td></td>
</tr>
<tr>
<td>STEP</td>
<td>ACTION</td>
<td>VERIFICATION</td>
</tr>
<tr>
<td>------</td>
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<td>--------------</td>
</tr>
</tbody>
</table>
| 40d  | Within 13 seconds—  
Restoration of CANS key. | All lamps extinguished. |
| 41d  | Momentarily operate RL key. |              |
| 42   | Restore all keys and switches not required in  
next test. |              |
| 43e  | If no further tests are to be performed—  
Remove telephone set from ORT jack. |              |

L. **Transfer to Attendant**

26 Operate CTX4 key.  
27 Momentarily operate ST key.  
- If CDTT key is operated—  
  - S1 lamp lighted.  
  - If ETS provided—  
    - FT, S1 lamps lighted.  
  - If LAMA-C provided—  
    - S1 lamp lighted.  
  - AS, TS2 lamps lighted.  
  - R lamp flashes.  
  - Ringing tone heard in unison with R lamp flashes.  

28 Operate ANS key.  
- If CDTT key is operated—  
  - CS lamp lighted.  
  - R lamp extinguished.  
  - Ringing tone silenced.  
  - High tone heard.  
  - If ETS or LAMA-C provided—  
    - CS lamp lighted.  

29 Operate CTX2 key.  
- High tone silenced.  
- If ETS or LAMA-C provided—  
  - CS lamp extinguished.  
- If CDTT key is operated—  
  - CS lamp extinguished.  

30 After 5 seconds—  
  Momentarily restore TLK key.  
- TS2 lamp may flash.  
- Ringing tone heard.  
- If test attendant trunk is arranged for console operation—  
  - At test console—  
    - CW, TST lamps lighted.  
  - If test attendant trunk is arranged for 608A  
    switchboard operation—  
    - At MTF—  
      - Within 4 seconds—  
        - CTX lamp flashes at 120 ipm.  

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<tr>
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<th>VERIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>31c</td>
<td>If test attendant trunk is arranged for console operation—&lt;br&gt;At test console—&lt;br&gt;Momentarily operate RLS key.</td>
<td>RLS lamp lighted.&lt;br&gt;TST lamp extinguished.</td>
</tr>
<tr>
<td>32c</td>
<td>Momentarily operate TST key.</td>
<td>TST lamp lighted.&lt;br&gt;RLS lamp extinguished.&lt;br&gt;Audible signal sounds.&lt;br&gt;Source lamp flashes at 120 ipm.&lt;br&gt;Destination lamp lighted.</td>
</tr>
<tr>
<td>33c</td>
<td>Momentarily operate Talk key.</td>
<td>Talk lamp lighted.&lt;br&gt;CW lamp extinguished.&lt;br&gt;Source lamp lighted steadily.&lt;br&gt;Audible signal silenced.&lt;br&gt;At MTF—&lt;br&gt;Ringing tone silenced.&lt;br&gt;Talking path established to test console.</td>
</tr>
<tr>
<td>34c</td>
<td>Restore CTX2 key.</td>
<td>High tone heard.&lt;br&gt;<strong>If ETS or LAMA-C provided—</strong>&lt;br&gt;CS lamp lighted.&lt;br&gt;<strong>If CDTT key is operated—</strong>&lt;br&gt;CS lamp lighted.**</td>
</tr>
<tr>
<td>35c</td>
<td>Restore ANS key.</td>
<td><strong>If CDTT key is operated—</strong>&lt;br&gt;CS lamp extinguished.**&lt;br&gt;<strong>If ETS or LAMA-C provided—</strong>&lt;br&gt;CS lamp extinguished.&lt;br&gt;Hign tone silenced.&lt;br&gt;After 2 seconds—&lt;br&gt;TS2 lamp extinguished.</td>
</tr>
<tr>
<td>36c</td>
<td>At test console—&lt;br&gt;Momentarily operate RLS DEST key.</td>
<td>Destination lamp extinguished.&lt;br&gt;Talking path established to MTF.</td>
</tr>
<tr>
<td>37c</td>
<td>At MTF—&lt;br&gt;Restore TLK key.</td>
<td><strong>If CDTT key is operated—</strong>&lt;br&gt;S1 lamp extinguished.**&lt;br&gt;<strong>If LAMA-C provided—</strong>&lt;br&gt;S1 lamp extinguished.&lt;br&gt;<strong>If ETS provided—</strong>&lt;br&gt;FT, S1 lamps extinguished.&lt;br&gt;AS lamp extinguished.</td>
</tr>
<tr>
<td>38c</td>
<td>At test console—&lt;br&gt;Momentarily operate RLS key.</td>
<td>All lamps extinguished.</td>
</tr>
<tr>
<td>39c</td>
<td>At MTF—&lt;br&gt;Momentarily operate RL key.</td>
<td>All lamps extinguished.</td>
</tr>
<tr>
<td>40d</td>
<td>If Phase III test attendant trunk is arranged for 608A switchboard operation—</td>
<td>CTX lamp extinguished.&lt;br&gt;Ringing tone silenced.</td>
</tr>
<tr>
<td>STEP</td>
<td>ACTION</td>
<td>VERIFICATION</td>
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<tr>
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</tr>
<tr>
<td>41d</td>
<td>At telephone in ORT jack— Remove handset.</td>
<td>Talking path established to telephone in ORT jack.</td>
</tr>
<tr>
<td>42d</td>
<td>Restore CTX2 key.</td>
<td>High tone heard at MTF and TOUCH-TONE telephone.</td>
</tr>
<tr>
<td>43d</td>
<td>Restore ANS key.</td>
<td>If ETS or LAMA-C provided— CS lamp lighted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>♦ If CDTT key is operated— CS lamp lighted.</td>
</tr>
<tr>
<td></td>
<td>At telephone in ORT jack— Replace handset.</td>
<td>After 2 seconds— TS2 lamp extinguished.</td>
</tr>
<tr>
<td>45d</td>
<td>Momentarily operate RD key.</td>
<td>High tone silenced.</td>
</tr>
<tr>
<td>46d</td>
<td>At telephone in ORT jack— Remove handset.</td>
<td>If ETS or LAMA-C provided— CS lamp extinguished.</td>
</tr>
<tr>
<td>47d</td>
<td>At MTF— Restore TLK key.</td>
<td>♦ If CDTT key is operated— CS lamp extinguished.</td>
</tr>
<tr>
<td>48d</td>
<td>Restore CANS key.</td>
<td>CTX lamp momentarily lighted.</td>
</tr>
<tr>
<td>49d</td>
<td>Momentarily operate RL key.</td>
<td>Talking path established to MTF.</td>
</tr>
<tr>
<td>50d</td>
<td>At telephone in ORT jack— Replace handset.</td>
<td>♦ If CDTT key is operated— S1 lamp extinguished.</td>
</tr>
<tr>
<td>51</td>
<td>At MTF— Restore all keys and switches not required in next test.</td>
<td>If LAMA-C provided— S1 lamp extinguished.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>If ETS provided— FT, S1 lamps extinguished.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AS lamp extinguished.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No talking path to MTF.</td>
</tr>
<tr>
<td>52e</td>
<td>If no further tests are to be performed— Remove telephone set from ORT jack.</td>
<td>All lamps extinguished.</td>
</tr>
<tr>
<td>STEP</td>
<td>ACTION</td>
<td>VERIFICATION</td>
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<tr>
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</tr>
<tr>
<td>M. Attendant Start-In Call</td>
<td>Select D_ through K_ digits for routing to test attendant trunk.</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Select D_ through K_ digits for routing to test attendant trunk.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Note:</strong> Local office code plus 4 digits assigned to test attendant trunk. The number of digits required in the local office code may vary or may not be required depending upon the incoming class assigned to the junctor circuit in the incoming register link.</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Operate CDN key.</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Momentarily operate ST key.</td>
<td><strong>If CDN key is operated—</strong>&lt;br&gt;S1 lamp lighted.&lt;br&gt;<strong>If LAMA-C provided—</strong>&lt;br&gt;S1 lamp lighted.&lt;br&gt;<strong>If ETS provided—</strong>&lt;br&gt;FT, S1 lamps lighted.&lt;br&gt;AS, T lamps lighted.&lt;br&gt;Ringing tone heard.&lt;br&gt;If test attendant trunk is arranged for console operation—&lt;br&gt;At test console—&lt;br&gt;CW, TST lamps lighted.&lt;br&gt;If test attendant trunk is arranged for 608A switchboard operation—&lt;br&gt;At MTF—&lt;br&gt;Within 4 seconds—&lt;br&gt;CTX lamp flashes at 60 ipm.</td>
</tr>
<tr>
<td>28c</td>
<td>If test attendant trunk is arranged for console operation—&lt;br&gt;At test console—&lt;br&gt;Momentarily operate RLS key.</td>
<td>RLS lamp lighted.&lt;br&gt;TST lamp extinguished.</td>
</tr>
<tr>
<td>29c</td>
<td>Momentarily operate TST key.</td>
<td>TST lamp lighted.&lt;br&gt;RLS lamp extinguished.&lt;br&gt;Source lamp flashes at 60 ipm.&lt;br&gt;Audible signal sounds.</td>
</tr>
<tr>
<td>30c</td>
<td>Momentarily operate Talk key.</td>
<td>Talk lamp lighted.&lt;br&gt;Source lamp lighted steadily.&lt;br&gt;Audible signal silenced.&lt;br&gt;CW lamp extinguished.&lt;br&gt;At MTF—&lt;br&gt;Ringing tone silenced.&lt;br&gt;Talking path established to test console.</td>
</tr>
<tr>
<td>STEP</td>
<td>ACTION</td>
<td>VERIFICATION</td>
</tr>
<tr>
<td>------</td>
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</tr>
<tr>
<td>31c</td>
<td>At test console—&lt;br&gt;After 5 seconds—&lt;br&gt;Momentarily operate STI key.</td>
<td>Dial tone heard.&lt;br&gt;<strong>If RDY lamp is provided—</strong>&lt;br&gt;RDY lamp lighted.</td>
</tr>
<tr>
<td>32c</td>
<td>Dial 4-digit number assigned to centrex terminating test line 1A. (Consult office records.)</td>
<td>If RDY lamp is provided—&lt;br&gt;RDY lamp extinguished.&lt;br&gt;Destination lamp flashes at 30 ipm.&lt;br&gt;Ringing tone heard.&lt;br&gt;At MTF—&lt;br&gt;TS lamp lighted.&lt;br&gt;R- lamp flashes.&lt;br&gt;Ringing tone heard in unison with R- lamp flashes.</td>
</tr>
<tr>
<td>33c</td>
<td>Momentarily operate END key.</td>
<td><strong>†If CDTT key is operated—</strong>&lt;br&gt;CS lamp lighted.&lt;br&gt;<strong>If ETS of LAMA-C provided—</strong>&lt;br&gt;CS lamp lighted.&lt;br&gt;R- lamp extinguished.&lt;br&gt;Ringing tone silenced.&lt;br&gt;High tone heard.&lt;br&gt;At test console—&lt;br&gt;Destination lamp lighted steadily.&lt;br&gt;Ringing tone silenced.&lt;br&gt;High tone heard.</td>
</tr>
<tr>
<td>34c</td>
<td>Operate ANS key.</td>
<td>Destination lamp extinguished.&lt;br&gt;High tone silenced.&lt;br&gt;At MTF—&lt;br&gt;TS lamp extinguished.&lt;br&gt;High tone silenced.&lt;br&gt;<strong>If ETS or LAMA-C provided—</strong>&lt;br&gt;CS lamp extinguished.&lt;br&gt;<strong>†If CDTT key is operated—</strong>&lt;br&gt;CS lamp extinguished.†</td>
</tr>
<tr>
<td>35c</td>
<td>Momentarily operate RLS DEST key.</td>
<td>Dial tone heard.&lt;br&gt;<strong>If RDY lamp is provided—</strong>&lt;br&gt;RDY lamp lighted.</td>
</tr>
<tr>
<td>36c</td>
<td>Restore ANS key.</td>
<td>If RDY lamp is provided—&lt;br&gt;RDY lamp lighted.</td>
</tr>
<tr>
<td>37c</td>
<td>At test console—&lt;br&gt;Momentarily operate STI key.</td>
<td></td>
</tr>
<tr>
<td>38c</td>
<td>Dial 4-digit number assigned to centrex terminating test line 1A. (Consult office records.)</td>
<td>If RDY lamp is provided—&lt;br&gt;RDY lamp extinguished.</td>
</tr>
<tr>
<td>39c</td>
<td>Momentarily operate END key.</td>
<td></td>
</tr>
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<tr>
<th>STEP</th>
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<th>VERIFICATION</th>
</tr>
</thead>
</table>
| 40c  | Operate ANS key. | Destination lamp flashes at 30 ipm.  
Ringing tone heard.  
At MTF—  
TS lamp lighted.  
R- lamp flashes.  
Ringing tone heard in unison with R- lamp flashes. |
| 41c  | Momentarily operate RLS key. | R- lamp extinguished.  
Ringing tone silenced.  
High tone heard.  
At test console—  
Destination lamp lighted steadily.  
Ringing tone silenced.  
High tone heard.  
If ETS or LAMA-C provided—  
CS lamp lighted.  
If CDTT key is operated—  
CS lamp lighted. |
| 42c  | At MTF—  
Restore TLK key. | If CDTT key is operated—  
CS lamp extinguished.  
If ETS or LAMA-C provided—  
CS lamp extinguished.  
High tone silenced.  
After 2 seconds—  
All lamps extinguished. |
| 43d  | If Phase III test attendant trunk is arranged for 608A switchboard operation—  
At MTF—  
Operate CANS key. | CTX lamp extinguished.  
Ringing tone silenced. |
| 44d  | After 5 seconds—  
Operate STI key. | If RDY lamp is provided—  
RDY lamp lighted. |
| 45d  | At telephone in ORT jack—  
Remove handset. | Dial tone heard. |
<p>| 46d  | Dial 4-digit number assigned to centrex terminating test line 1A. (Consult office records.) |  |</p>
<table>
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<tr>
<th>STEP</th>
<th>ACTION</th>
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<tbody>
<tr>
<td>47d</td>
<td>Replace handset.</td>
<td>TS lamp lighted.</td>
</tr>
<tr>
<td>48d</td>
<td>Restore STI key.</td>
<td>R- lamp flashes.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ringing tone heard in unison with R- lamp flashes.</td>
</tr>
<tr>
<td>49d</td>
<td>At telephone in ORT jack— Remove handset.</td>
<td>CTX lamp flashes at 30 ipm.</td>
</tr>
<tr>
<td>50d</td>
<td>Operate ANS key.</td>
<td>If RDY lamp is provided— RDY lamp extinguished.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ringing tone heard.</td>
</tr>
<tr>
<td>51d</td>
<td>Momentarily operate RD key.</td>
<td>If CDTT key is operated— CS lamp lighted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>If LAMA-C or ETS provided— CS lamp lighted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Within 2 seconds— CTX lamp lighted steadily.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R- lamp extinguished.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>High tone heard at both telephones.</td>
</tr>
<tr>
<td>52d</td>
<td>At telephone in ORT jack— Replace handset.</td>
<td>If CDTT key is operated— CS lamp extinguished.</td>
</tr>
<tr>
<td>53d</td>
<td>Restore ANS key.</td>
<td>If LAMA-C or ETS provided— CS lamp extinguished.</td>
</tr>
<tr>
<td>54d</td>
<td>Operate STI key.</td>
<td>TS, CTX lamps extinguished.</td>
</tr>
<tr>
<td>55d</td>
<td>At telephone in ORT jack— Remove handset.</td>
<td>High tone silenced.</td>
</tr>
<tr>
<td>56d</td>
<td>Dial 4-digit number assigned to centrex terminating test line 1A. (Consult office records.)</td>
<td>If RDY lamp is provided— RDY lamp lighted.</td>
</tr>
<tr>
<td>57d</td>
<td>At MTF— Restore STI key.</td>
<td>Dial tone heard.</td>
</tr>
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STEP ACTION VERIFICATION

58d Operate ANS key. • If CDTT key is operated—
CS lamp lighted.
If ETS or LAMA-C provided—
CS lamp lighted.
Within 2 seconds—
CTX lamp lighted steadily.
Ringing tone silenced.
High tone heard.

59d Restore CANS key.

60d At telephone in ORT jack—
Replace handset.

61d At MTF—
Operate CTX1 key.
High tone silenced.

62d Restore ANS key.

63d Operate CTX4 key.

64d After 3 seconds—
Momentarily restore TLK key.

65d Dial 4-digit number assigned to centrex
terminating test line 2. (Consult office records.)

66d Restore CTX1 key.

67d Momentarily operate RL key.

68 Restore all keys and switches not required in
next test.

69e If no further tests are to be performed—
Remove telephone set from ORT jack.

N. No Transfer Register Available

26 Momentarily operate ST key.

• If CDTT key is operated—
S1 lamp lighted.
If LAMA-C provided—
S1 lamp lighted.
<table>
<thead>
<tr>
<th>STEP</th>
<th>ACTION</th>
<th>VERIFICATION</th>
</tr>
</thead>
</table>
| 27   | Operate ANS key. | If ETS provided—  
FT, S1 lamps lighted.  
AS, TS lamps lighted.  
R- lamp flashes.  
Ringing tone heard in unison with R- lamp flashes.  
If CDTT key is operated—  
CS lamp lighted.  
If ETS or LAMA-C provided—  
CS lamp lighted.  
R- lamp extinguished.  
Ringing tone silenced.  
High tone heard. |
| 28   | Make busy all transfer registers at TFRMB_ jacks. | If ETS or LAMA-C provided or CDTT key operated—  
CS lamp extinguished while ANS key restored.  
High tone silenced. |
| 29   | Restore ANS key for 1 second. | High tone not heard. |
| 30   | Operate CTX1 key. | High tone heard. |
| 31   | Restore CTX1 key. |  
If CDTT key is operated—  
S1, CS lamps extinguished.  
If LAMA-C provided—  
CS, S1 lamps extinguished.  
If ETS provided—  
FT, CS, S1 lamps extinguished.  
AS, TS lamps extinguished.  
All lamps extinguished. |
| 32   | Momentarily restore ANS key. |  
If CDTT key is operated—  
S1 lamp lighted.  
If LAMA-C provided—  
S1 lamp lighted.  
If ETS provided—  |
| 33   | Restore TLK, ANS keys. |  
High tone not heard.  
High tone heard. |
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<tr>
<th>STEP</th>
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<th>VERIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
<td>Operate ANS key.</td>
<td>FT, S1 lamps lighted. TS, AS lamps lighted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>●If CDTT key is operated— CS lamp lighted.●</td>
</tr>
<tr>
<td></td>
<td></td>
<td>●If ETS or LAMA-C provided— CS lamp lighted. High tone heard.</td>
</tr>
<tr>
<td>28</td>
<td>Restore ANS key for 1 second.</td>
<td>If ETS or LAMA-C provided ♦ or CDTT key operated— ♦ CS lamp extinguished while ANS key is restored. High tone silenced while ANS key is restored.</td>
</tr>
<tr>
<td>29</td>
<td>Restore ANS, TLK keys.</td>
<td>♦If CDTT key is operated— S1, CS lamps extinguished.♦</td>
</tr>
<tr>
<td></td>
<td></td>
<td>●If LAMA-C provided— CS, S1 lamps extinguished.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>●If ETS provided— FT, CS, S1 lamps extinguished. AS, TS lamps extinguished. High tone silenced.</td>
</tr>
<tr>
<td>30</td>
<td>Momentarily operate RL key.</td>
<td>All lamps extinguished.</td>
</tr>
<tr>
<td>31</td>
<td>Restore all keys and switches not required in next test.</td>
<td></td>
</tr>
</tbody>
</table>

### P. Station-to-Station Transfer

<table>
<thead>
<tr>
<th>STEP</th>
<th>ACTION</th>
<th>VERIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>Momentarily operate ST key.</td>
<td>♦If CDTT key is operated— S1 lamp lighted.♦</td>
</tr>
<tr>
<td></td>
<td></td>
<td>●If LAMA-C provided— S1 lamp lighted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>●If ETS provided— FT, S1 lamps lighted. AS, TS lamps lighted.</td>
</tr>
<tr>
<td>27</td>
<td>Operate ANS key.</td>
<td>♦If CDTT key is operated— CS lamp lighted.♦</td>
</tr>
<tr>
<td></td>
<td></td>
<td>●If ETS or LAMA-C provided— CS lamp lighted. High tone heard.</td>
</tr>
<tr>
<td>28</td>
<td>Operate CTX1 key.</td>
<td>♦If CDTT key is operated— CS lamp extinguished.♦</td>
</tr>
<tr>
<td></td>
<td></td>
<td>♦If ETS or LAMA-C provided— CS lamp extinguished. High tone silenced.</td>
</tr>
</tbody>
</table>
STEP ACTION VERIFICATION

30 Operate CTX4 key. 

31 After 3 seconds—
Momentarily restore TLK key. 

32 Dial 4-digit number assigned to centrex 
terminating test line 2. (Consult office records.) 

33 Restore CTX1 key. 

34 Operate CTX1 key. 

35 Operate ANS key. 

36 Restore CTX1 key. 

37 Momentarily restore ANS key. 

38 Operate CTX1 key. 

39 Restore TLK key. 

40 Operate TLK key. 

41 Restore CTX1 key. 

42 Restore TLK, ANS keys. 

43 Momentarily operate RL key. 

44 Restore all keys and switches not required in 
next test. 

Q. Don’t Answer Transfer

26 Operate CTX4 key.
<table>
<thead>
<tr>
<th>STEP</th>
<th>ACTION</th>
<th>VERIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
<td>Set TERT switch to DAT.</td>
<td></td>
</tr>
</tbody>
</table>
| 28   | Momentarily operate ST key. | •If CDTT key is operated—
|      |                     | S1 lamp lighted.
|      |                     | •If ETS provided—
|      |                     | FT, S1 lamps lighted.
|      |                     | •If LAMA-C provided—
|      |                     | S1 lamp lighted.
|      |                     | •If LAMA-C, CDTT, or ETS not provided—
|      |                     | IE, RN, T, U lamps lighted.
|      |                     | AS, TS2 lamps lighted.
|      |                     | R- lamp flashes.
|      |                     | Ringing tone heard in unison with R- lamp flashes. |
| 29c  | If test attendant trunk is arranged for console operation—
|      | At test console—
|      | Momentarily operate RLS key. | |
| 30c  | Operate TST key for approximately 1 second. | RLS lamp extinguished.
|      | Source lamp flashes at 60 ipm.
|      | Audible signal sounds. |
| 31c  | Momentarily operate Talk key. | Talk lamp lighted.
|      | TST, CW lamps extinguished.
|      | Source lamp lighted steadily.
|      | Audible signal silenced.
|      | At MTF—
|      | Ringing tone silenced.
|      | Talking path established to test console. |
32c Restore TLK key.

33c At test console—
   Within 13 seconds—
   Momentarily operate RLS key.

34c At MTF—
   Momentarily operate RL key.

35d If Phase III test attendant trunk is arranged for 608A switchboard operation—
   Operate CANS key.

36d At telephone in ORT jack—
   Remove handset.

37d Replace handset.

38d Restore CANS, TLK keys.

39d Momentarily operate RL key.

40 Restore all keys and switches not required in next test.

41e If no further tests are to be performed—
   Remove telephone set from ORT jack.

R. Called Party Disconnect First

21 Momentarily operate ST key.
<table>
<thead>
<tr>
<th>STEP</th>
<th>ACTION</th>
<th>VERIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Operate ANS key; <em>start timing</em>.</td>
<td>Ringing tone heard in unison with R- lamp flashes. R- lamp extinguished. Ringing tone silenced. High tone heard. If ETS or LAMA-C provided— CS lamp lighted. ●If CDTT key is operated— CS lamp lighted. ●</td>
</tr>
<tr>
<td>23</td>
<td>After 5 seconds— Restore ANS key; <em>start timing</em>.</td>
<td>●If CDTT key is operated— CS lamp extinguished. ● If ETS or LAMA-C provided— CS lamp extinguished. High tone silenced In approximately 2 seconds— TS lamp extinguished.</td>
</tr>
<tr>
<td>24</td>
<td>Restore TLK key.</td>
<td>AS lamp extinguished. If LAMA-C provided— S1 lamp extinguished. If ETS provided— FT, S1 lamps extinguished. ●If CDTT key is operated— S1 lamp extinguished. ●</td>
</tr>
<tr>
<td>25</td>
<td>Momentarily operate RL key.</td>
<td>All lamps extinguished.</td>
</tr>
<tr>
<td>26</td>
<td>Restore all keys and switches.</td>
<td></td>
</tr>
<tr>
<td>DELETE INFORMATION</td>
<td>SET UP DIGITS AS FOLLOWS</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>--------------------------</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>DL3* KEY</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NO DL+_ KEY</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TABLE A**

* WHEN LLP CODE IS UNIQUE IN OFFICE (SPECIAL 3 DIGIT CODE)
† WHEN LLP CODE IS DETERMINED BY THOUSAND DIGIT
‡ WHEN LLP CODE IS DETERMINED BY HUNDREDS DIGIT, IN ORDER TO USE THE TERMINATING TEST LINE, A TEST NUMBER MUST BE CROSS CONNECTED INTO THE HUNDREDS SERIES IN THE NUMBER GROUP THAT LLP GROUP USES. USE THE LINE LOCATION ASSOCIATED WITH THE TERMINATING TEST LINE, AND THE RINGING COMBINATION FOR THE SILENT LEVEL.