

**TEN-PARTY TERMINAL PER LINE REVERTING CALL SELECTORS
OPERATION TESTS USING DIAL HAND TEST SET
AND TEST CIRCUIT SD-31478-01 OR SD-31479-01
STEP-BY-STEP SYSTEMS**

1. GENERAL

1.01 This section describes a method of testing the operating features of ten-party terminal per line reverting call selectors based upon the use of test circuits SD-31478-01 and SD-31479-01 and previous test circuits for ten-party reverting call selectors.

1.02 The test codes used in this section and the corresponding ringing codes, for both the older and newer types of reverting call selector circuits, are listed in the following table.

<u>Test Code</u>		<u>Ringing Code</u>
<u>Older Type Circuits</u>	<u>Newer Type Circuits</u>	
11	11	One long ring on ring No ringing on tip
00	00	One long and one short ring on tip No ringing on ring
82	63	Two short rings on ring Three short rings on tip
94	87	Four short rings on ring Four short rings on tip

1.03 At least one reverting call switch should be tested with the emergency reverting call interrupter transfer key operated in order to check both the regular and the emergency interrupter circuits.

1.04 Any switch on which a failure is encountered should be made busy until the trouble is cleared.

2. APPARATUS

2.01 One Dial Hand Test Set, D-81763 or equivalent.

2.02 One P3C Cord equipped with a No. 110 and a No. 240-A Plug.

2.03 No. 375-A Make-Busy Tools as required.

3. METHOD

3.01 Connect the dial hand test set to the DL jack of the reverting call selector test circuit.

3.02 With all keys of the test circuit normal, insert the No. 110 plug of the P3C cord into the TST jack. Note that the switch to be tested is normal and insert the No. 240-A plug into the test jack of the switch. If the selector is busy, the SL lamp will light, in which case the No. 240-A plug may either be removed in order to proceed with other tests or left in the test jack and the test delayed until the SL lamp is extinguished.

3.03 Operate the 10-P key (if provided).

3.04 Operate the C button of the hand test set. The SL lamp should light.

3.05 Dial code 11.

3.06 Release the C button of the hand test set and note that the proper bell rings in accordance with the code dialed.

3.07 Operate the PRE TRIP key at the start of a ringing interval and restore it to the normal position before the end of the ringing interval. The bell should ring again.

3.08 Operate the TRIP key at the start of a silent interval and restore it before the expiration of this interval. The switch should not release while the TRIP key is held operated but it should release promptly and the SL lamp should be extinguished when the key is restored.

3.09 Repeat the operations described in 3.04 to 3.07 except this time using code 00 instead of 11.

3.10 Operate the RING CO key (if provided). Momentarily operate the TRIP key during a long ringing interval. The switch should release promptly and the SL lamp should be extinguished.

3.11 Restore the RING CO key (if provided).

3.12 Operate the C button of the hand test set. The SL lamp should light.

3.13 Dial code 63 for the newer type reverting call selector circuits or 82 for the older type circuits.

3.14 Operate the RING CO key (if provided).

3.15 Release the C button of the hand test set and note that the T bell rings in accordance with the code dialed. Note that

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the first ring is a full code ring in order to check the pick-up feature.

3.16 Operate the TIP CO key (if provided) and note that the R bell rings in accordance with the code dialed. Restore the TIP CO key.

3.17 Momentarily operate the TRIP key. The switch should release and the SL lamp should be extinguished.

3.18 Repeat the operations described in 3.12 to 3.17, except this time using

code 87 for the newer type reverting call selector circuits or 94 for the older type circuits.

3.19 Remove the No. 240-A plug from the test jack of the selector unless other tests are to be conducted on this switch.

4. REPORTS

4.01 The required record of these tests should be entered on the proper form.