# SUPPLEMENTARY TEST INSTRUCTION

# ORIGINATING MARKER CONNECTOR

CONTENTS



## 1. GENERAL INFORMATION

1.1 This section describes a method of verifying the operation of the Dial Tone First Feature (Apparatus Figure 14) of Originating Marker Connector, SD-25035-01.

1.2 After performing the tests of Paragraph 3 and before returning the connector to service, operational tests of the existing connector are not required. See Paragraph 4.

## 2. TEST EQUIPMENT

2.1 Cords and Accessories

| AMT | CODE | DESCRIPTION |
|---|---|---|
| 1 | ITE-4442 | Volt-Ohmmeter |
| 1 | ITE-4137A or Equivalent | Continuity Test Set |
| As Req. | 508A KS-16887-L1 | Tool, Blocking |

## 3. SUPPLEMENTARY TESTS

3.1 Verify that the connector under test is made busy by blocking relay CB operated at the Connector Frame.

3.2 For each Non-Dial Tone First sender, using an ITE-4442 Volt-Ohmmeter, verify that negative 48 Volt battery is present between 3 Bottom of relay CA2 and 3 Fixed (263B TYPE RELAY) or 3 Make (287A TYPE RELAY) of relay SB.

3.21 Repeat test of Paragraph 3.1 verifying that 2000 ±100 ohm resistance is present.

3.3 For each Dial Tone First sender, using an ITE-4137A Continuity Test Set, verify continuity from T.S. SB, Terminal 03 of the sender to 3 Fixed (263B TYPE RELAY) or 3 Make (287A TYPE RELAY) of relay SB at the connector.

3.4 Remove blocking tool from relay CB at the Connector Frame.

## 4. OPERATIONAL TESTS

4.1 At this time, no operational testing is required to place the connector back into service. Operational tests of the connector will be included in the Dial Tone First operational tests of the senders when the Dial Tone First Modifications of the senders, marker connectors, and the markers are completed. The necessary tests will be shown in Handbook 61, Section 162.4.

Manager, Crossbar Product Engineering
Control Center