TEST PROCEDURES
LINE LINK FRAMES, LINE LINK MARKER CONNECTORS AND LINE PATTERN CONNECTOR ARRANGED FOR PBX DIAL TRANSFER

1. DESCRIPTION

1.1 This section describes test methods for LLF, LLMC and LPC frames arranged for PBX Dial Transfer.

1.2 Drawings:

ST-521118 - LLMC - Mod. of preference control circuit SD-26029-01.

ST-521119 - LLF - Mod. of connector control and sleeve circuits SD-26030-01.

ST-521129 - Line pattern connector circuit.

2. TEST EQUIPMENT

2.1 Cord:

AMT	ITE	LGTH	CDRS	ONE END	OTHER END
1	9600	6'	3	310 Plug	310 Plug

2.2 Test Sets:

AMT	TEL. CO.	W.E. CO. ITE	DESCRIPTION
1	1011G	4208	Hand Set
1	1011G	4042	Hand Set
1	716C	R-9572	Test Receiver
1	KS-14510	4442	Volt-Ohmmeter

2.3 Misc. Supplies

AMT	DESCRIPTION
As Req.	Toothpick

3. LINE LINK MARKER CONNECTOR TESTS

3.1 AFMS relay shunt circuit. Block non-operated relay AFMS in the marker connector control circuit under test.

3.2 Apply -48 volts through the test receiver to terminal 1L of relay AFMS.

3.3 Momentarily short-circuit one at a time, contact 3 make of each equipped MS-relay. Observe that a click is heard in the test receiver.

3.4 Repeat tests 3.1 to 3.3 until marker connectors for all line link frames have been tested.

4. LINE LINK FRAME DIODE TEST

4.1 Set Volt-Ohmmeter to X 10,000 resistance range. Short-circuit test cords, set meter for 0 ohms.

4.2 Connect ohmmeter + lead to link side and - lead to common side of each JVA0-9 diode.

4.3 Any diode reading less than 10 meg ohms (1K on X10,000 scale) should be replaced.

4.4 Repeat 4.2 and 4.3 until all JVA- diodes on the frame have been tested.

4.5 Connect ohmmeter + lead to frame side and - lead to cable side of each JVB - diode.

4.6 Any diode reading less than 10 meg ohms should be replaced.

4.7 Repeat 4.5 and 4.6 until all JVB - diodes on the line link frame have been tested. Repeat 4.1 to 4.6 on each line link frame.

5. TRANSFER CALL-THROUGH TEST

5.1 Make busy an incoming trunk arranged for transfer. Patch the trunk T jack to the frame SP jack with the cord.

5.2 from office records, select a spare telephone number and a spare line location on the line link frame to be tested. The line location must have a PBX Transfer class of service. Make number group cross-connections.

5.3 At the line link marker connector for this line link frame, block operated CB- relays for all except Marker 0.

5.4 Plug one of the handsets into the SP jack on this line link frame. Plug one of the handsets into the line location of the selected number.

5.5 Dial the selected number on the first handset. After the connection is established ringing should be heard in the second handset.

5.6 On the second handset trip the ring, wait about 5 seconds then dial 1. Dial tone should be heard. Then dial 1111. Busy tone should be heard in both handsets.

5.7 On the second handset, dial another one. Busy tone should be removed if the transfer is successful.

5.8 At the line link marker connector, block operated all CB-relays except the one for the next higher marker.

5.9 Repeat 5.3 to 5.8 until all markers have been tested in this line link frame.

5.10 Repeat 5.1 to 5.9 on each line link frame until all frames have been tested.