

EMERGENCY LINE CIRCUIT SD-95336-01 TESTS

1. GENERAL

1.01 This section describes a method of testing the emergency line circuit SD-95336-01 which provides manual service to dial subscriber lines over permanently held switch trains and is used with toll switchboard No. 1, 3, or 3C; or with DSA switchboard No. 13C, 13D, 14C, 14D, 15C, or 15D when the local office is located in a distant building.

1.02 The test and features tested are:

(A) Operation Test: This test checks:

- (1) The circuit on originating and terminating manual calls.
- (2) That the circuit holds a connection which has been established between the dial subscriber and the toll or DSA switchboard.
- (3) That the line signal is received and the ability of the circuit to pass switchhook supervision to the associated cord circuit after the call is answered or completed.

1.03 An assistant will be required to originate calls at a dial station.

1.04 Lettered Steps: The letters a, b, c, etc, are added to a step number to indicate that the step covers an action which may or may not be required, depending on local conditions. The conditions under which a lettered step or series of steps should be made are given in the action column and all steps governed by the same condition are designated by the same letter. Where a condition does not apply, the associated steps should be omitted.

2. APPARATUS

2.01 Operator telephone set.

2.02 Patching Cord P3D, 3 feet long, equipped with two No. 309 Plugs (3P3C) for use where the emergency line circuit is jack ended on a 92-type Jack, or Patching Cord P3E, 3 feet long, equipped with two No. 310 Plugs (3P7B) for use where the emergency line circuit is jack ended on a 49-type Jack.

3. PREPARATION

<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
1	Establish a talking connection between the switchboard and the location at which a dial station can be used as a test line.	

4. METHOD

<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
	<u>(A) Operation Test</u>	
2	At switchboard - Establish a connection to the test line using a toll switching or outgoing trunk arranged for controlled ringing.	
3a	If emergency line circuit is cord ended - Insert plug of cord associated with emergency line circuit under test into a multiple jack of trunk connected to test line.	

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<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
4b	If emergency line circuit is jack ended - Insert one end of a P3D or P3E patch cord plug into HLD jack of emergency line cir- cuit under test and other end into a multi- ple jack of trunk connected to test line.	
5	Release original connection established in Step 2.	
6	At test line telephone - Remove receiver.	At switchboard - Line lamp lights.
7	At switchboard - Insert plug of answering cord into asso- ciated answering jack of emergency line circuit under test.	Line lamp extinguished.
8	Operate TALK key of cord circuit.	Conversation easily understood.
9	Restore TALK key.	
10	At test line telephone - Replace receiver.	At switchboard - Cord supervisory lamp lights.
11	At switchboard - Operate answering cord ringing key.	At test line - Telephone rings.
12	At test line telephone - Remove receiver.	At switchboard - Cord supervisory lamp extinguished.
13	Replace receiver.	Cord supervisory lamp lights.
14	At switchboard - Restore TALK key and remove plug from answering jack of emergency line circuit under test.	
15a	If emergency line circuit is cord ended - Remove plug of cord associated with emer- gency line circuit from jack of trunk con- nected to test line.	
16b	If emergency line circuit is jack ended - Remove patch cord from HLD jack of emer- gency line circuit and jack of trunk con- nected to test line.	
17	Disconnect talking connection between switch- board and dial station used as test line.	