

SUPPLEMENTARY TEST INSTRUCTION  
 ORIGINATING TROUBLE INDICATOR

CONTENTS

- 1. GENERAL INFORMATION
- 2. TEST EQUIPMENT
- 3. SUPPLEMENTARY TESTS
- 4. OPERATIONAL TESTS

1. GENERAL INFORMATION

1.1 This section describes a method of verifying the operation of the Dial Tone First Feature (Apparatus Figure 48) of the Originating Trouble Indicator Circuit, SD-25018-01.

1.2 After performing the tests of this section and before returning the OTI to service, operational tests of existing features are required. See Paragraph 4.

2. TEST EQUIPMENT

2.1 Cords and Accessories

AMT	CODE	DESCRIPTION	WITH
1	ITE-4137A	Continuity Test Set	32A Kit
1	R-9572	Test Receiver	ITE-4023

3. SUPPLEMENTARY TESTS

3.1 Test Operations

3.11 Using the AC buzzer portion of an ITE-4137A, Continuity Test Set, verify continuity (AC buzzer operates) on the test connections shown in TABLE A.

TABLE A

ITE-4137A ONE END		ITE-4137A OTHER END	
CONTACT	KEY	CONTACT	RELAY
B4	DTF	6T	KY1
B2	DTF	4T	KY1
C2	DTF	2T	KY1
C4	DTF	2B	KY1

TABLE A (Cont.)

ITE-4137A ONE END		ITE-4137A OTHER END	
CONTACT	KEY	CONTACT	KEY
B3 B1) C1) C3)	DTF	7	A2(ABC)
	DTF	4	A3(DEF)

3.12 Operate KEY DTF.

3.13 Using the R-9572, Test Receiver, verify the presence of ground at contacts 4T, 2T and 2B of relay KY1 for leads A2, A4 and A5 respectively.

3.14 Operate KEY A1.

3.15 Using the R-9572, Test Receiver, verify the presence of ground at contact 7 of KEY A2 (ABC).

3.16 Remove all test connections, re-store all keys to normal and release all relays held electrically operated.

4. OPERATIONAL TESTS

4.1 At the Originating Trouble Indicator, OTI, set up any Non Dial Tone First test call.

4.2 Verify that the call completes satisfactorily.

NOTE: Refer to Handbook 61, Section 172 for assistance in setting up a test call.

Manager, Crossbar Product Engineering  
 Control Center