

OPERATIONAL TEST INSTRUCTION  
 ORIGINATING MARKER

CONTENTS

1. GENERAL INFORMATION

2. OPERATIONAL TESTS USING OTI

1. GENERAL INFORMATION

1.1 This section describes a method of verifying the operation of the Dial Tone First Feature modification for the Originating Marker Circuit. SD-25016-01, and the Originating Trouble Indicator Circuit. SD-25018-01.

1.2 After the Originating Marker and the OTI have been modified for the Dial Tone First Feature and before per-

forming the tests of this section, verify that no existing wiring connections have been broken.

1.3 After performing the tests of this section and before placing the Dial Tone First Feature in service, operational tests using the Originating Sender Test Circuit are required. See Handbook 61, Section 162.4 for these tests.

2. OPERATIONAL TESTS USING OTI

- NOTES: 1) Refer to Handbook 61, Sections 172 and 172.4 for assistance in performing the tests of this section.
- 2) All tests shall be made with the OTI KEY GSE normal.
- 3) At least one trunk in all routes shall be available for seizure.
- 4) The tests specifying a Code Compressed (Recycle) Call are to be performed only when the Code Compression (Recycle) Feature is furnished in the sender.

STEP	ACTION	VERIFICATION
1	Operate KEY CS- for dial tone first class of service.	
2	Originate a permanent signal test call.	Call completes to permanent signal trunk group for dial tone first coin class.
3	Originate a zero operator test call.	Call completes to a zero operator trunk group for dial tone first coin class.
4	Operate KEY DTF.	
<u>NOTES:</u> 5) When KEY DTF is operated, all keys in code position (A) must remain normal.		
5	Originate a local area test call.	Call completes to dial tone first coin announcement route.
6	Originate a Code Compressed (Recycle) test call.	Call completes to dial tone first coin announcement route.
7	Operate keys AR and OF; Originate a local area test call.	Call completes to overflow trunk group.
8	KEYS AR and OF normal.	
9	At the Originating Marker, insulate contacts 4 and 5 bottom of relay A5.	
9A	Originate a local area test call.	Call blocks with "No Route Relay" indication.
9B	Originate a Code Compressed (Recycle) test call.	Call blocks with "No Route Relay" indication.

STEP	ACTION	VERIFICATION
9C	Remove insulator from contacts 4 and 5 bottom of relay A5 at the Originating Marker.	
10	If office is arranged for additional dial tone first coin classes.	
10A	Repeat Steps 1 through 8 for each class.	Same as Steps 1 through 8.
10B	KEY DTF normal.	
11	Originate permanent signal, zero operator, local area, and Code Compressed (Recycle) test calls using non dial tone first classes of service as required.	Call completes to proper trunk group.
12	Remove all testing equipment from the Originating Marker and the OTI. At the OTI, restore all keys to normal.	

Manager, Crossbar Product Engineering  
Control Center