

ANI TRANSVERTER SD-26161-01
TESTS USING MASTER TEST FRAME
NO. 5 CROSSBAR OFFICES

1. GENERAL

1.001 This addendum supplements 218-192-501, Issue 4. The attached pages must be inserted in the section in accordance with the filing instructions above.

1.002 This addendum is issued to revise the section title and to delete reference in Part

1 which indicated that this section was used for tests of ANI functions of transverter SD-25591-01. This addendum does not affect Equipment Test Lists.

The following change applies to Part 1 of this section:

(a) 1.01—revised

Attached

Page 1 dated July 1972, revised
Page 2 dated July 1972, reissued

TRANSVERTER SD-26161-01
TESTS USING MASTER TEST FRAME
NO. 5 CROSSBAR OFFICES

1. GENERAL

PAGE

1.01 This section describes a method of testing transverter SD-26161-01 in No. 5 crossbar offices equipped with the master test frame (MTF). The tests also apply when the transverter is arranged for automatic identified outward dialing (AIOD) service.

D. Trouble Detecting Features for Crosses: This test checks that a trouble record is taken when a trouble condition is encountered between the transverter and associated circuits.

4

1.02 This section is reissued for the following reasons:

E. Translator Selection and Directory Number Register Relays: This test checks that the transverter makes proper translator group selection. This test also checks for transpositions in the directory number relay wiring in the translator and transverter or incorrect translation by an AIOD translator.

5

- (a) To revise the verification of Steps 9 and 10 of Test C
- (b) To revise the Test Chart for Test C
- (c) To make minor changes as required.

F. Match and No-Match Feature: This test checks the trap feature for locating translator cross-connection errors.

6

1.03 The tests covered are:

PAGE

1.04 Test C requires making a translator busy.

A. Transfer of Start Lead From Transverter Connector: This test checks that the transverter takes a trouble record when the transverter-connector fails to connect to the first idle transverter in the chain.

3

1.05 Tests D and E require action at the MTF terminal strips and verification at the trouble recorder. Test D also requires making the trouble recorder busy to all circuits except the transverter under test.

B. Second Trial Feature: This test checks the second trial feature of the transverter.

3

1.06 The Test Chart in Part 5 has spaces provided for listing specific keys and key units to be operated for each test, depending on local conditions. These charts should be filled out from local records in accordance with instructions provided in Part 5, Preparation of Test Charts.

C. Translator Make-Busy Feature: This test checks that when a translator is made busy the transverter will give the sender a translator-busy indication or will direct an AIOD call to an operator. This test also checks the cancel make-busy feature, if provided, of the transverter when the AIOD translator is manually made busy.

3

1.07 Tests of trouble detecting features, other than those covered in Test D, are included in Section 218-737-501.

1.08 Lettered Steps: A letter a, b, c, etc, added to a step number in Part 4 of this section indicates an action which may or may not

SECTION 218-192-501

be required depending on local conditions. The condition under which a lettered step or a series of lettered steps should be made is given in the ACTION column, and all steps governed by the same condition are designated by the same letter within a test. Where a condition does not apply, all steps designated by that letter should be omitted.

1.09 Local instructions should be followed for recording and reporting any TR (trouble recorder) and usage register operations caused by performing these tests.

1.10 Depending upon the issue of the drawings to which the MTF is wired, the selection of circuits such as markers and recorders and the selection of class of test, class of service, etc, may be controlled by the operation of a key, the setting of a rotary switch, or both. In order to simplify the instructions in ACTION for making such selections, the statement will be made without specifying either keys or switches with the specific action being determined by the apparatus furnished on a particular test frame. For example:

STEP	ACTION
1	Operate MT- or MTT1, MTU- to select marker under test.

3. PREPARATION

STEP	ACTION	VERIFICATION
All Tests		
1	At MTF— Restore all keys and switches.	
2	Momentarily operate RL key.	All lamps extinguished.
3	Operate MT- or MTT1, MTU- to select transverter to be tested.	
4	Operate ANI, TVTC, TVT or TSTB (TVT) as required.	

(Interpreted to mean: Operate MT- key or set MT switch; or operate MTT1 key and set MTU switch.)

- 2 Operate TVT or TSTB (TVT).
(Interpreted to mean: Operate TVT key or set TSTB switch to TVT position.)

2. APPARATUS

All Tests

2.01 Master test control circuit SD-25800-01.

Test C

2.02 Jack, lamp, and key circuit SD-25762-01.

Tests C and D

2.03 322A (make-busy) plugs as required.

Test D

2.04 Testing cord, 893 cord, 3 feet long, equipped with two 360A tools (1W13A cord) and two KS-6278 connecting clips.