

REPLACING PAGE ADDENDUM

Filing Instructions:

1. REMOVE FROM THE SECTION THE PAGES NUMBERED THE SAME AS THOSE ATTACHED TO THIS PINK SHEET.
2. INSERT THE ATTACHED PAGES INTO THE SECTION IN THEIR PLACE.
3. PLACE THIS PINK SHEET AHEAD OF PAGE 1 OF THE SECTION.

TRAFFIC REGISTERS—PART 22
TESTS USING MASTER TEST FRAME
NO. 5 CROSSBAR OFFICES

1. GENERAL

1.001 This addendum supplements Section 218-232-525 Issue 3. The attached pages must be inserted in the section in accordance with filing instructions above.

1.002 This addendum is issued for the following reasons:

- (a) To revise title
- (b) To revise paragraph 1.01.

The addendum affects Equipment Test Lists.

Attached:

Page 1 dated December 1972 revised
Page 2 dated December 1972 reissued

TRAFFIC REGISTERS—PART 22
TESTS USING MASTER TEST FRAME
NO. 5 CROSSBAR OFFICES

1. GENERAL

PAGE

1.01 This section is Part 22 of a series of sections that describes methods for testing traffic registers.

1.02 This section is reissued to add Test F for testing traffic registers associated with operator originating line circuits and to make minor changes as required. This reissue affects Equipment Test Lists.

1.03 The test covered are:

PAGE

A. Peg Count Registers for Tandem Outgoing Calls (TOG) or Subscriber Outgoing Calls (SOG) Peg Count (T- or S- Leads or PTR- Leads): This test checks that the peg count registers operate on tandem through-switched or SOG calls.

4

B. Overflow Registers for Tandem Outgoing Calls (TOG) and Subscriber Outgoing Calls (SOG) Overflow Count (OR- Leads or OTR Lead): This test checks that the overflow registers operate when the marker finds all associated trunk groups busy.

5

C. Peg Count Registers for Preempting Tandem Outgoing Calls (TOG) or Subscriber Outgoing Calls (SOG) Peg Count (P- Leads or PCP Lead): This test checks that the peg count registers operate when preempting outgoing calls are completing.

6

D. Overflow Registers for Preempting Tandem Outgoing Calls (TOG)

and Subscriber Outgoing Calls (SOG) Overflow Count (OP- Leads or OFP Lead): This test checks that the overflow registers operate when preempting outgoing calls find all associated trunk groups busy.

7

E. Static Checks for Peg Count and Overflow Registers Associated With Peg Count Auxiliary Circuit (T-, S-, P-, OR-, OP- Leads): This test checks the multicontacts of program, peg count, and overflow relays necessary to operate peg count and overflow registers.

8

F. Group-Busy Registers for Operator Originating Line Circuits (PB Lead): This test checks that the group-busy register operates when all operator originating line circuits of the associated group are busy.

9

1.04 Determine from office records precedence, priority, grade, and routing. Also, consult cross-connection and wiring charts for the local office to determine route program relay terminals associated with the peg count auxiliary circuit and traffic register assignment.

1.05 Tests A through E require actions and verifications at the traffic register cabinet, MTF, and marker circuit.

1.06 Test F requires action and verification at the traffic register cabinet and switchboard.

1.07 Local instructions should be followed for recording and reporting the register operations caused by performing Tests A through F.

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1.08 The Test Chart provided shows priming information required for each test. Spaces are provided on the chart for listing specific priming information depending on local conditions. The chart should be filled in from local records in accordance with the instructions provided in Part 5, Preparation of Test Chart.

1.09 Lettered Steps: A letter a, b, c, etc, added to a step number in Parts 3 and 4 of this section indicates an action which may or may not 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.

1.10 The manner of selecting some circuits and test conditions at the MTF and its associated circuits varies depending on the apparatus options furnished with these circuits. Therefore, where variable means of selection are provided, precise instructions for the selection of circuits and test conditions are not given. Precise instructions for the use of these variable means are given in Section 218-106-301.

1.11 The location statement, At MTF—, is used to refer to all apparatus located on the four basic bays of the MTF.

2. APPARATUS

2.01 The apparatus required for each test is listed in Table A. The details of each item are covered in the paragraph indicated by the number in parentheses. In addition, the following apparatus may also be required.

- (a) Two head telephone sets.
- (b) 32A test set (required when the MTF is controlled from a remote point).
- (c) Ten 26 cords are required in offices where it is necessary to patch the traffic register

to the circuit under test and to patch the traffic register to a battery supply.

TABLE A

APPARATUS	TESTS				
	A	B	C	D	E
Master Test Frame (2.02)	1	1	1	1	
Cord (2.03)					✓
Cord (2.04)					✓
322A (make-busy) Plugs	1	1	1	1	1
Tools (2.05)	✓	✓	✓	✓	

✓ As required.

2.02 MTF circuits as follows:

- (a) Master test control circuit SD-25800-01
- (b) Trunk test circuit SD-25918-01
- (c) Telephone, key, and lamp circuit SD-25744-01
- (d) Voltmeter test circuit SD-25792-01
- (e) Miscellaneous circuit SD-25574-01
- (f) Jack, lamp, and key circuit SD-25762-01.

2.03 Testing cord, 1W1C cord, 20 feet long, equipped with one 360A tool, 1C plug (1W9A cord), and one KS-6278 connecting clip (for connecting ground to terminals).

2.04 Testing cord, 893 cord, 6 feet long, equipped with two 360A tools (1W13B cord), one KS-6278 connecting clip, and one 509B (test connector) tool (for connecting ground to relay winding).

2.05 Blocking and insulating tools as required. Use tools and apply as covered in Section 069-020-801.