

**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 12**  
**TESTS USING MASTER TEST FRAME**  
**NO. 5 CROSSBAR OFFICES**

**1. GENERAL**

**1.001** This addendum supplements Section 218-232-513, Issue 3. 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 title of Test M.

This addendum affects Equipment Test Lists.

**Attached:**

**Page 1 dated September 1973, reissued**  
**Page 2 dated September 1973, revised**  
**Page 15 dated September 1973, reissued**  
**Page 16 dated September 1973, revised**

**1. GENERAL**

The following change applies to Part 1 of this section:

- (a) Test M—revise title to include 4-wire 2-way intertoll trunks.

**4. METHOD**

The following change applies to Part 4 of this section:

- (a) Test M—revise title to include 4-wire 2-way intertoll trunks.

**TRAFFIC REGISTERS—PART 12**  
**TESTS USING MASTER TEST FRAME**  
**NO. 5 CROSSBAR OFFICES**

**1. GENERAL**

**1.01** This section is Part 12 of a series of sections that describe methods for testing traffic registers.

**1.02** This section is reissued for the following reasons:

- (a) To revise title
- (b) To revise all tests to conform with Section 218-106-301
- (c) To add lead designations to Tests A, N, and O
- (d) To correct lead designation in Test M.

Since this reissue is a general revision, arrows ordinarily used to indicate changes have been omitted.

This reissue affects Equipment Test Lists.

**1.03** The tests covered are:

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| <b>A. <i>Peg Count Register for Intraoffice, Outgoing, Common Overflow, Coin or Noncoin Tone, or Intermarker Group Trunk Group (PC or IPC Lead):</i></b> This test checks that the peg count register operates when a marker attempts to use the trunk group to complete a call. . . . . | 7 |
| <b>B. <i>Peg Count Register for Switchboard Position or Miscellaneous Desk (PC Lead) (Other Than "B" Position):</i></b> This test checks that the peg count register operates when the associated position peg count key is operated. . . . .  | 9 |

<b>C. <i>Group-Busy Register for "A" Switchboard Outgoing Trunks (PB Lead):</i></b> This test checks that the group-busy register operates once when all trunks of the associated group are busy. . . . .	9
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<b>D. <i>Overflow Register for IAO, IMG, Outgoing Trunks and Junctors (OF Lead):</i></b> This test checks that the overflow register operates when a marker finds all trunks of the associated group busy. . . . .	10
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**E. Deleted:**

<b>F. <i>Peg Count Register for Coin Zone Charge Condition (DR Lead):</i></b> This test checks that the peg count register operates when the charge condition is set in a coin zone trunk. . . . .	11
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<b>G. <i>Peg Count Register for Coin Zone Initial Call (PCI Lead):</i></b> This test checks that the peg count register operates when an operator disconnects from an initial answer on a coin zone call. This register is provided only when the switchboard is located in the same building with the No. 5 crossbar equipment. . . . .	12
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<b>H. <i>Peg Count Register for Coin Zone Overtime Call (PCO Lead):</i></b> This test checks that the peg count register operates when an operator completes monitoring on a coin zone call that has gone to overtime. This register is provided only when the switchboard is located in the same building with the No. 5 crossbar equipment. . . . .	12
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<b>I. <i>Overflow Register for Coin Zone Initial Call or Overtime Call (OF</i></b>	
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<i>Lead</i> ): This test checks that the overflow register operates when an initiated coin zone call finds all trunks from the concentrator to the switchboard busy. It also checks that the overflow register operates when a coin zone call that has gone to overtime finds all trunks from the concentrator to the switchboard busy.	13
<b>J. Group-Busy Register for Coin Supervisory Circuits (GB Lead):</b> This test checks that the group-busy register operates when all coin supervisory circuits in the associated group are busy.	14
<b>K. Peg Count Register for Line Concentrator Identifier (PC Lead):</b> This test checks that the peg count register operates when the line concentrator identifier for secretarial service seizes a trunk.	15
<b>L. Group-Busy Register for Line Concentrator Identifier (PB Lead):</b> This test checks that the group-busy register operates when the line concentrator identifier for secretarial service encounters an all-trunks-busy condition.	15
<b>M. Peg Count Register for 4-Wire 2-Way Intertoll Trunks, 4-Wire Operation Tandem Trunk Terminating Peg Count or Through Peg Count PCL, PCT Leads):</b> This test checks that the peg count register operates when the trunk is connected to a customer or operator line (PCL lead), or to an intertoll trunk (PCT lead).	16
<b>N. Peg Count Register for Local Overload Announcement Trunks (PB, PCA Leads):</b> This test checks that the peg count register operates when a marker seizes a local overload announcement trunk.	17
<b>O. Overflow Register for Local Overload Announcement Trunks (BA, PB Leads):</b> This test checks that the overflow register operates when a marker finds	

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all local overload announcement trunks busy.	17
<b>P. Peg Count Register for Operator Junctor Calls (PC Lead):</b> This test checks that the peg count register operates when the operator completes a call using the operator junctor circuit.	19
<b>1.04</b> Table A indicates tests requiring actions and/or verifications at more than one location.	
<b>1.05</b> Test C requires that all outgoing trunks of a group be made busy.	
<b>1.06</b> Test J requires that all coin supervisory circuits be made busy.	
<b>1.07</b> Test L requires that all equipped trunks associated with a line concentrator identifier circuit be made busy.	
<b>1.08 Lettered Steps:</b> 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.	
<b>1.09</b> 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.	
<b>1.10</b> Local instructions should be followed for recording and reporting any register operations caused by performing these tests.	
<b>1.11</b> The location statement, At MTF—, is used to refer to all apparatus located on the four basic bays of the MTF.	

STEP	ACTION	VERIFICATION
26i	At coin supervisory release circuit associated with register being tested— Insulate 7T, 5B, 7B, 9B of CB relay.	
27i	Momentarily operate CB relay.	At traffic register cabinet— Register scored once.
28i	At coin supervisory release circuit associated with register being tested— Remove all insulators from CB relay.	
29	At traffic register cabinet— Restore all keys and switches; remove all cords placed for test.	

**K. Peg Count Register for Line Concentrator Identifier  
(PC Lead)**

19	At frame on which line concentrator identifier is located— Operate TB_ key associated with idle equipped trunk.	
	<i>Note:</i> An idle trunk is indicated by an extinguished TK_ lamp.	
20	Restore TB_ key selected in Step 19.	At traffic register cabinet— Register scored once.
21	At frame on which line concentrator identifier is located— Repeat Steps 19, 20 until each of TB_ keys associated with equipped trunks have been selected.	
22	At traffic register cabinet— Restore all keys and switches; remove all cords placed for test.	

**L. Group-Busy Register for Line Concentrator Identifier  
(PB Lead)**

19	At frame on which line concentrator identifier is located— Operate TB_ keys associated with all equipped trunks.	At traffic register cabinet— Register scored once.
	<i>Caution: Do not hold all trunks busy longer than necessary, as this may interfere with traffic.</i>	

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<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
20	At frame on which line concentrator identifier is located— Restore all keys.	
21	At traffic register cabinet— Restore all keys and switches; remove all cords placed for test.	
<b>M. Peg Count Register for 4-Wire 2-Way Intertoll Trunks, 4-Wire Operator Tandem Trunk, Terminating Peg Count or Through Peg Count (PCL, PCT Leads)</b>		
19	At 19A testboard— Operate TALK, SEIZE keys.	
20	Insert TST cord plug into TST TRK jack associated with operator tandem trunk under test.	
21	Momentarily operate MF TST key.	MF, TST, S, cord lamps lighted.
22	Operate digit keys corresponding to directory number assigned to 4-wire terminating test line.	
23	Momentarily operate ST key.	MF, TST, S lamps extinguished. At traffic register cabinet— Register scored once.
24	At 19A testboard— Restore TALK, SEIZE keys.	
25	Disconnect TST cord.	Cord lamp extinguished.
26	Insert TST cord plug into TST TRK jack associated with same operator tandem trunk under test.	
27	Operate TALK, SEIZE keys.	
28	Momentarily operate MF TST key.	MF, TST, S, cord lamps lighted.
29	Operate digit keys corresponding to directory number assigned to 10X test line (simulated 4-wire outgoing trunk).	
30	Momentarily operate ST key.	MF, TST, S lamps extinguished. At traffic register cabinet— Register scored once.
31	At 19A testboard— Disconnect TST cord.	Cord lamp extinguished.