

**TRAFFIC REGISTERS FOR MARKER USAGE**  
**TESTS USING MASTER TEST FRAME**  
**NO. 5 CROSSBAR OFFICES**

**1. GENERAL**

**PAGE**

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

- (a) To add Tests N and O for checking peg count registers for partial dial indications and total originating calls
- (b) To revise Tables A and B
- (c) To delete Tests B and F
- (d) To make minor changes as required.

Since this reissue is a general revision, arrows ordinarily used to indicate changes have been omitted. This reissue affects Equipment Test Lists.

**1.02** The tests covered are:

- |  |          |
|--|----------|
| <b>A. Peg Count Register for Linkage Established Between Dial Tone or Combined Markers and Originating Registers (PCMF, PCD, PCR Leads):</b> This test checks that the peg count register operates when linkage is established between a dial tone or combined marker and an originating register. . . . . | <b>6</b> |
| <b>B. Deleted</b> . . . . .  | <b>6</b> |
| <b>C. Peg Count Register for Reroute to Attendant Peg Count (PB Lead):</b> This test checks that the peg count register operates when the completing marker routes an incoming toll class call to the attendant because the called line is busy. . . . .   | <b>6</b> |

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|---|-----------|
| <b>D. Peg Count Register for Announcement Line Peg Count (PC Lead):</b> This test checks that the peg count register operates when an announcement line is used to complete a call to an automatic announcement machine. . . . .  | <b>7</b>  |
| <b>E. Peg Count Register for Office Overflow Peg Count [TCO, (4W) TCO, PTCO Leads]:</b> This test checks that the peg count register operates when a customer-originated call is routed to a tone trunk. . . . .  | <b>8</b>  |
| <b>F. Deleted</b> . . . . .   | <b>8</b>  |
| <b>G. Overflow Register for Customer Overflow—Allotted Hunting Group OVF- Lead):</b> This test checks that the overflow register operates when the marker PBX allotted circuit finds all lines of the associated allotted hunting group busy. . . . .   | <b>8</b>  |
| <b>H. Overflow Register for Customer Overflow—Nonhunting Customer Line or Nonallotted Hunting Group (OF Lead):</b> This test checks that the overflow register operates when the marker finds a nonhunting customer line busy or a nonallotted hunting group busy. . . . .  | <b>10</b> |
| <b>I. Matching Loss Register for Dial Tone Matching Loss (FMP Lead):</b> This test checks that the dial tone matching loss register operates whenever a dial tone or combined marker encounters a failure to match on the second attempt to establish a channel between a line equipment and an originating register. . . . . | <b>12</b> |

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**J. Peg Count Register for Dial Tone Marker Seizure Peg Count (TPC Lead):** This test checks that the peg count register operates each time a dial tone marker is seized or each time a combined marker is seized for a dial tone job. . . . .

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**K. Peg Count Register for Through-Switched Call Peg Count [TOG, (4W) TOG, PTOG Leads]:** This test checks that the peg count register operates each time a completing marker is seized to complete a through-switched call. . . . .

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**L. Peg Count Register for Total Line Link Pulsing Peg Count (LLP Lead):** This test checks that the peg count register operates each time the completing marker is seized to direct a call to any PBX provided with line link pulsing features. (Refer to 1.07.) . . . . .

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**M. Peg Count Overflow and Usage Registers for Line Link Pulsing Trunk Group Peg Count (LPC, LOF Leads):** The following features are checked: (1) The peg count register associated with LPC lead will operate each time the completing marker is seized to direct a call to a PBX provided with line link pulsing features. (2) The peg count register will operate when the completing marker finds all trunks of a line link pulsing group busy. . . . .

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**Note:** Any sender group associated with a particular line link pulsing group will prevent the overflow register from scoring when all senders in the group are busy.

**N. Peg Count Register for Partial Dial Indications From Originating Registers (PDD, PDM, POP, POS Leads):** This test checks that the peg count register operates on the following: (1) partial dial DP originating calls (PDD lead), (2) partial dial MF originating calls (PDM lead), (3) partial dial overseas person-to-person calls (POP lead), and (4) partial dial overseas station-to-station calls (POS lead). . . . .

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**O. Peg Count Register for Total Originating Calls (LTD, LTM, FAD, FAM Leads):** This test checks that the peg count register operates on the following: (1) local originating DP calls (LTD lead) and MF calls (LTM lead and (2) foreign area originating DP calls (FAD lead) and MF calls (FAM lead). . . . .

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**1.03** Table A indicates the tests requiring action and verification at more than one location.

TABLE A

ACTION AND/OR VERIFICATION REQUIRED AT:	TESTS						
	A,D, E,J	C	G	H	I	K,L, N,O	M
Traffic Register Cabinet	✓	✓	✓	✓	✓	✓	✓
Master Test Frame	✓	✓	✓	✓	✓	✓	✓
Marker Circuit	-	-	✓	✓	-	-	✓
Switchboard or Miscellaneous Desk Position	-	-	-	-	✓	-	-
Line Link Frame	-	-	-	-	✓	-	-
PBX Allotter Circuit	-	-	✓	-	-	-	-

✓ As required.

**1.04 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.

**1.05** The manner of selecting some circuits and test conditions at the master test frame (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.

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

**1.07** Local instructions should be followed for recording and reporting any register operations caused by performing these tests.

**1.08 Test N:** When testing registers associated with POS and POP leads, registers associated with PDD lead will score on dial pulse calls and register associated with PDM lead will score on MF calls.

**2. APPARATUS**

**2.01** The apparatus required for each test is listed in Table B. 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) Apparatus covered in 2.07 and 2.08 is required when a portable lamp is used to determine register operation.
- (b) Two head telephone sets are required when a portable lamp is not used.
- (c) A 32A test set is required when the MTF is controlled from a remote point.
- (d) Two 26 cords are required in offices where it is necessary to patch the traffic register

**3. PREPARATION**

**STEP**

**ACTION**

**VERIFICATION**

**All Tests**

- 1a If traffic registers are arranged for patching—  
At traffic register cabinet—  
Insert cord tip of 26 patching cord into P-jack for circuit associated with register to be tested.

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

**2.02** Master test control circuit SD-25800-01.

**2.03** MTF voltmeter test circuit SD-25792-01.

**2.04** Testing cord, 893 cord, 6 feet long, equipped with two 360A tools (1W13B cord), one KS-6278 connecting clip, one 419A (test connector) tool (for use in connecting battery or ground to springs of nonwire-spring-type relays), one 639A (relay contact connector) tool, and one 651D (contact

**TABLE B**

APPARATUS	TESTS									
	A,C	D	E	G	H	I	J	K,L,M	N,O	
Test Circuit (2.02)	1	1	1	1	1	1	1	1	1	
Test Circuit (2.03)		1								
Cord (2.04)				✓	1	1	1	1		
322A (make-busy) Plug					1	1	1	1		
349A (make-busy) Plug							1			

✓ As required.

connector holder) tool (for use in connecting battery or ground to springs of wire-spring-type relays).

**2.05** Two W2W cords, 10 feet long, each equipped with a 310 plug, two 360-type tools (2W17C cords), two KS-6278 connecting clips, and two 108 cord tips (required when a portable test lamp is used).

**2.06** 38B lamp socket, equipped with a 2Y lamp (required when a portable test lamp is used).

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<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
2a	Insert cord tip on other end of 26 patching cord into black jack associated with register to be tested. (Black jack is located on mounting plate with register.)	
3a	Insert cord tip of 26 cord into red jack on mounting plate with register to be tested.	
4a	Insert cord tip on other end of 26 cord into any S- jack located at bottom of jack field.	
5b	If traffic registers are arranged for patching and if battery supply for register to be tested is controlled by C- toggle switch— At traffic register cabinet— Operate C- toggle switch to ON.	
6c	If traffic registers are not arranged for patching— Determine from local office records functional designation of peg count BAT key associated with register to be tested.	
7c	At traffic register circuit— Operate BAT key associated with register to be tested.	
8d	If tests are to be performed without portable lamp— Establish talking circuit between frames where test is to be performed and observations are to be made.	
9e	If tests are to be performed with portable lamp— At frame where action is to be taken— Insert plug of 2W17C cord, equipped with two KS-6278 connecting clips, into SP jack of miscellaneous circuit.	
10e	Determine from circuit drawing of circuit associated with register to be tested location of terminal on terminal strip at which common lead to traffic register circuit is connected.	
11e	Connect one lead of 2W17C cord to terminal on terminal strip determined in Step 10e.	
12e	Connect other lead of 2W17C cord to battery.	

STEP	ACTION	VERIFICATION
13e	Connect leads of 38B lamp socket to leads of another 2W17C cord, equipped with two KS-6278 connecting clips.	
14e	Insert plug of this 2W17C cord into any appearance of selected SP jack of miscellaneous circuit close to position where test is to be performed.	
15e	Place lamp so that it can be easily observed.	
16f	If tests are performed with portable lamp and circuit associated with register to be tested removes ground from common lead to traffic register circuit to operate register— Observe lamp when register operates.	Lamp extinguished.
17g	If tests are performed with portable lamp and circuit associated with register to be tested applies ground to common lead to traffic register circuit to operate register— Observe lamp when register operates.	Lamp lighted.
18e	If tests are to be performed with portable lamp— Observe scoring of register when using test lamp and proceed as follows:  (a) For first observation of scoring of register, observe that lamp indicates proper condition on common lead and that register scores as required.  (b) For subsequent observations of scoring of same register, observe lamp indications <i>only</i> .	
	<b>Note:</b> When the register to be tested scores at timed intervals, the lamp will not flash with the scoring of the register.	
19	At MTF— Restore all keys and switches.	
20	Momentarily operate RL key.	All lamps extinguished.

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<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
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**4. METHOD**

<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
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**A. Peg Count Register for Linkage Established Between Dial Tone or Combined Markers and Originating Registers (PCMF, PCD, PCR Leads)**

- |     |  |   |
|-----|--|---|
| 21  | Select DT class of test.   |   |
| 22  | Select originating register group associated with traffic register being tested. |   |
| 23  | Select marker associated with traffic register being tested.                     |   |
| 24  | Select line location having access to selected originating register group.       |   |
| 25h | If 4-wire switching route is selected—<br>Operate 4W key.                        |   |
| 26  | Momentarily operate ST key.  | At traffic register cabinet—<br>Register scored once. |
| 27  | At MTF—<br>Momentarily operate RL key.   | All lamps extinguished.                               |
| 28  | Restore all keys and switches and remove all patching cords used for test.       |   |

**B. Deleted**

**C. Peg Count Register for Reroute to Attendant Peg Count (PB Lead)**

- |     |   |  |
|-----|---|--|
| 21  | Select INC class of test.   |  |
| 22  | Select A- through G- digits as required to select permanent busy number.                                |  |
| 23  | Select TOL incoming class of call with translator indication as required for completion to called line. |  |
| 24  | Select incoming trunk class as required for completion to called line.                                  |  |
| 25  | Select any trunk link frame.  |  |
| 26h | If 4-wire switching route is selected—<br>Operate 4W key.   |  |

STEP	ACTION	VERIFICATION
27i	If office is arranged for multilevel preemption— Select CDP-, CD-, CDA- control digits as required for completion to called line.	
28j	If office is arranged for multilevel preemption and call is directed to line with multilevel preemption features— Operate AD key.	
29k	If office is arranged for multilevel preemption and call is directed to line without multilevel preemption features— Operate OD key.	
30	Select marker associated with traffic register being tested.	
31	Momentarily operate ST key.	At traffic register cabinet— Register scored once.
32	At MTF— Momentarily operate RL key.	All lamps extinguished.
33	Repeat Steps 30, 31, 32 for each marker associated with traffic register being tested.	
34	Restore all keys and switches and remove all patching cords used for test.	

**D. Peg Count Register for Announcement Line Peg Count (PC Lead)**

21	Select LT class of test.	
22	Select A- through D- digits as required to direct call to announcement line.	
23	Select INC class of call with translator indication as required for completion to called line.	
24	Select marker 0 or 1.	
25	Operate T key.	
26	Momentarily operate ST key.	At traffic register cabinet— Register scored once.
27	At MTF— Momentarily operate RL key.	All lamps extinguished.

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<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
28	Repeat Steps 22 through 27 for each announcement line associated with traffic register being tested.	
29	Restore all keys and switches; remove all patching cords used for test.	
<b>E. Peg Count Register for Office Overflow Peg Count (TCO, [4W] TCO, PTCO Leads)</b>		
21	Select ORIG class of test.	
22	Select A- through G- digits to route call to a tone trunk.	
23	Select OR class of call with LT translator indication.	
24	Select line location having originating service.	
25	Select class of service and rate treatment as required for access to selected route.	
26h	If 4-wire switching route is selected— Operate 4W key.	
27i	If office is arranged for multilevel preemption— Select CD-, CDP- control digits as required for access to selected route.	
28	Select marker associated with traffic register under test.	
29	Momentarily operate ST key.	At traffic register cabinet— Register scored once.
30	At MTF— Momentarily operate RL key.	All lamps extinguished.
31	Restore all keys and switches and remove all patching cords used for test.	
<b>F. Deleted</b>		
<b>G. Overflow Register for Customer Overflow—Allotted Hunting Group (OVF- Lead)</b>		
21	Insert make-busy plug into MMB- jack of marker associated with traffic register being tested.	
22h	If marker made busy is nonwire-spring-relay type—	

STEP	ACTION	VERIFICATION
	At PBX allotter circuit associated with marker made busy— Connect ground to 2T of TNA1 relay.	
23i	If marker made busy is wire-spring-relay type— At marker frame— Connect ground to 1 of TNA relay.	
24	At MTF— Select A- through G- digits as required to select directory number of allotted hunting group associated with traffic register being tested.	
25	Determine number of number groups in which hunting group is allotted.	
26j	If NGT, NG (A-H) keys are provided— Operate NGT key.	
27j	Operate (pull-out) NGA through NGH keys associated with number groups determined in Step 25.	
28k	If NGT switch is provided— Set NGT switch to select one of the number groups determined in Step 25.	
29k	Connect ground to terminals on control bay terminal strip E associated with all number groups determined in Step 25, other than the one selected in Step 28k.	
	<i>Note:</i> Terminal strip E terminals 50 through 57 are associated with NGT switch positions NGTA through NGTH, respectively.	
30	Select INC class of test.	
31	Select INC class of call with translator indication as required for completion to called line.	
32l	If 4-wire switching route is selected— Operate 4W key.	
33m	If office is arranged for multilevel preemption— Select CDP-, CD-, CDA- control digits as required for completion to called line.	
34n	If office is arranged for multilevel preemption and call is directed to line with multilevel	

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<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
	preemption features— Operate AD key.	
35o	If office is arranged for multilevel preemption and call is directed to line without multilevel preemption features— Operate OD key.	
36	Select incoming trunk class as required for completion to called line.	
37	Select any trunk link frame.	
38	Select marker made busy in Step 21.	
39	Momentarily operate ST key.	At traffic register cabinet— Register scored once.
40	At MTF— Momentarily operate RL key.	All lamps extinguished.
41h	If marker made busy is nonwire-spring-relay type— At PBX allotter circuit associated with marker made busy— Remove ground from TNA1 relay.	
42i	If marker made busy is wire-spring-relay type— At marker frame— Remove ground from TNA relay.	
43	At MTF— Remove make-busy plug from MMB- jack of marker used in test.	
44	Repeat Steps 21 through 23i and 38 through 43 for each marker associated with traffic register being tested.	
45	Restore all keys and switches and remove all patching cords used for test.	
<b>H. Overflow Register for Customer Overflow— Nonhunting Customer Line or Nonallotted Hunting Group (OF Lead)</b>		
21	Insert make-busy plug into MMB- jack of marker associated with traffic register being tested.	

STEP	ACTION	VERIFICATION
22h	If marker is nonwire-spring-relay type— At marker frame— Ground 6T of MT13 relay.	
23i	If marker is wire-spring-relay type— At marker frame— Ground 7 of MT13 relay.	
24	At MTF— Select INC class of test.	
25	Select A- through G- digits as required to direct call to a line or nonallotted hunting group associated with traffic register being tested.	
26	Select INC class of call with translator indication as required for completion to called line.	
27	Select incoming trunk class as required for completion to called line.	
28j	If 4-wire switching route is selected— Operate 4W key.	
29k	If office is arranged for multilevel preemption— Select CDP-, CD-, CDA- control digits as required for completion to called line.	
30l	If office is arranged for multilevel preemption and call is directed to line with multilevel preemption features— Operate AD key.	
31m	If office is arranged for multilevel preemption and call is directed to line without multilevel preemption features— Operate OD key.	
32n	If traffic register being tested is associated with non-PBX line— Operate LBL key.	
33o	If traffic register being tested is associated with PBX group— Operate EBH key.	
34	Select marker made busy in Step 21.	
35	Momentarily operate ST key.	At traffic register cabinet— Register scored once.

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<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
36	At MTF— Momentarily operate RL key.	All lamps extinguished.
37	At marker frame— Remove ground from MT13 relay.	
38	At MTF— Remove make-busy plug from MMB- jack of marker used in test.	
39	Repeat Steps 21 through 23i and 34 through 38 for each marker associated with traffic register being tested.	
40	Restore all keys and switches and remove all patching cords used for test.	

**I. Matching Loss Register for Dial Tone Matching Loss (FMP Lead)**

21h	If marker associated with traffic register being tested is wire-spring-relay type and UH option is provided— Insert make-busy plug into MMB- jack of marker.	
22h	At marker frame— Connect ground to 7 of MT relay.	
23	At MTF— Select DT class of test.	
24	Select line location having originating service.	
25	At line link frame selected in Step 24— Insert make-busy plug into JS0 jack.	
26	At MTF— Select channel 0.	
27	Select marker made busy in Step 21h.	
28	Momentarily operate ST key.	At traffic register cabinet— Register scored once.
29	At MTF— Momentarily operate RL key.	All lamps extinguished.
30h	If marker associated with traffic register being tested is wire-spring-relay type and UH option is provided—	

STEP	ACTION	VERIFICATION
	At marker frame— Remove ground from MT relay.	
31h	At MTF— Remove make-busy plug from MMB- jack of marker used in test.	
32	Repeat Steps 21h, 22h, and 27 through 31h for each marker associated with traffic register being tested.	
33	At line link frame selected in Step 24— Remove make-busy plug from JS0 jack.	
34	Restore all keys and switches and remove all patching cords used for test.	
<b>J. Peg Count Register for Dial Tone Marker Seizure Peg Count (TPC Lead)</b>		
21	Select DT class of test.	
22	Select line location having originating service.	
23	Select marker associated with traffic register being tested.	
24	Momentarily operate ST key.	At traffic register cabinet— Register scored once.
25	At MTF— Momentarily operate RL key.	All lamps extinguished.
26	Restore all keys and switches and remove all patching cords used for test.	
<b>K. Peg Count Register for Through-Switched Call Peg Count [TOG, (4W) TOG, PTOG Leads]</b>		
21	Insert make-busy plug into MMB- jack of marker associated with traffic register being tested.	
22	At marker frame— Connect ground to 3 of PEG1 relay.	
23	At MTF— Select INC class of test.	
24	Select A- through K- digits as required to direct call to an outgoing route.	

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STEP	ACTION	VERIFICATION
25	Select TAN class of call with translator indication as required for access to selected route.	
26h	If testing traffic register associated with TOG lead— Select trunk number of tandem trunk having a 2-wire nonpaired line link frame appearance.	
27i	If testing traffic register associated with PTOG lead— Select trunk number of tandem trunk having a 2-wire paired line link frame appearance.	
28j	If testing traffic register associated with (4W) TOG lead— Select trunk number of tandem trunk having a 4-wire line link frame appearance.	
29j	Operate 4W key.	
30k	If office is arranged for multilevel preemption— Select CDP-, CD-, CDA- control digits as required for completion to called line.	
31l	If office is arranged for multilevel preemption and call is directed to line with multilevel preemption features— Operate AD key.	
32m	If office is arranged for multilevel preemption and call is directed to line without multilevel preemption features— Operate OD key.	
33	Select route advance as required for access to selected route.	
34	Select marker made busy in Step 21.	
35	Momentarily operate ST key.	At traffic register cabinet— Register scored once.
36	At MTF— Momentarily operate RL key.	All lamps extinguished.
37	At marker frame— Remove ground from PEG1 relay.	
38	At MTF— Remove make-busy plug from MMB- jack of marker used for test.	

STEP	ACTION	VERIFICATION
39	Restore all keys and switches and remove all patching cords used for test.	
<b>L. Peg Count Register for Total Line Link Pulsing Peg Count (LLP Lead)</b>		
21	Insert make-busy plug into MMB- jack of marker associated with traffic register being tested.	
22	At marker frame— Connect ground to 3 of PEG1 relay.	
23	At MTF— Select INC class of test.	
24	Select A- through G- digits for office code and numerals of PBX line having line link pulsing features.	
25	Select INC class of call with translator indication as required for completion to called line.	
26	Select incoming trunk class as required for completion to called line.	
27	Select any trunk link frame.	
28	Select marker made busy in Step 21.	
29	Momentarily operate ST key.	At traffic register cabinet— Register scored once.
30	At MTF— Momentarily operate RL key.	All lamps extinguished.
31	At marker frame— Remove ground from PEG1 relay.	
32	At MTF— Remove make-busy plug from MMB- jack of marker used in test.	
33	Restore all keys and switches and remove all patching cords used for test.	

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STEP	ACTION	VERIFICATION
<b>M. Peg Count Overflow and Usage Registers for Line Link Pulsing Trunk Group Peg Count (LPC, LOF Leads)</b>		
21	Insert make-busy plug into MMB- jack of marker associated with traffic register being tested.	
22	At marker frame— Connect ground to 4 of PEG1 relay.	
23	At MTF— Select INC class of test.	
24	Select A- through G- digits for office code and numerals of PBX line with LR- relay associated with traffic register being tested.	
25	Select INC class of call with translator indication as required for access to selected route.	
26	Select incoming trunk class as required for access to selected route.	
27	Select any trunk link frame.	
28	Select marker made busy in Step 21.	
29h	If individual peg count and overflow indications per LR- relay is not provided— At traffic register cabinet— Operate C- toggle switch for LRG- relay associated with LR- relay and traffic register being tested.	
30h	At MTF— Momentarily operate ST key.	At traffic register cabinet— Register associated with LPC lead scored once.
31h	At MTF— Momentarily operate RL key.	All lamps extinguished.
32h	Operate EBH key.	
33h	Momentarily operate ST key.	At traffic register cabinet— Register associated with LOF lead scored once.
34h	At MTF— Momentarily operate RL key.	All lamps extinguished.
35h	Repeat Steps 24, 29h through 35h for each LR- relay associated with traffic register being tested.	

STEP	ACTION	VERIFICATION
36i	If individual peg count and overflow indications per LR- relay is provided— Momentarily operate ST key.	At traffic register cabinet— Register associated with LPC lead scored once.
37i	At MTF— Momentarily operate RL key.	All lamps extinguished.
38i	Operate EBH key.	
39i	Momentarily operate ST key.	At traffic register cabinet— Registers associated with LPC, LOF leads scored once.
40i	At MTF— Momentarily operate RL key.	All lamps extinguished.
41	At marker frame— Remove ground from PEG1 relay.	
42	At MTF— Remove make-busy plug from MMB- jack of marker used in test.	
43	Repeat Steps 21 through 42 for each marker associated with traffic register being tested.	
44	Restore all keys and switches and remove all patching cords used for test.	
45h	If individual peg count and overflow indications per LR- relay are not provided— At traffic register cabinet— Restore C- toggle switches used in test.	

**N. Peg Count Register for Partial Dial Indications  
From Originating Registers (PDD, PDM, POP,  
POS Leads)**

**Partial Dial Originating Calls (PDD, PDM Leads)**

- 21 Select ORIG class of test.
- 22 Select line location for line having originating service.
- 23 Select class of service and rate treatment as required for originating service.
- 24 Select PD auxiliary originating translator indication.

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<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
25	Select OR class of call with LT translator indication.	
26h	If testing traffic register associated with PDM lead— Select MF originating register group.	
27	Select marker.	
28	Momentarily operate ST key.	At traffic register cabinet— Register scored once.
29	At MTF— Momentarily operate RL key.	All lamps extinguished.
30	Repeat Steps 27, 28, 29 for each marker associated with traffic register being tested.	
31	Restore all keys and switches and remove all patching cords used for test.	
<b>Partial Dial Overseas Calls (POS, POP Leads)</b>		
32	Select ORIG class of test.	
33	Select line location for line having originating service.	
34	Select class of service and rate treatment as required having DDD access.	
35	Select PD auxiliary originating translator indication.	
36i	If testing traffic register associated with POS lead— Select FAC class of call with 11 translator indication.	
37j	If testing traffic register associated with POP lead— Select FAC class of call with FVD translator indication.	
38	Select marker.	
39	Momentarily operate ST key.	At traffic register cabinet— Register scored once. (Refer to 1.08.)
40	At MTF— Momentarily operate RL key.	All lamps extinguished.

STEP	ACTION	VERIFICATION
41	Repeat Steps 38, 39, 40 for each marker associated with traffic register being tested.	
42	Restore all keys and switches and remove all patching cords used for test.	
<b>O. Peg Count Register for Total Originating Calls (LTD, LTM, FAD, FAM Leads)</b>		
<b>Local Originating Calls (LTD, LTM Leads)</b>		
21	Select ORIG class of test.	
22	Select A- through G- digits as required to direct call through intraoffice route to an individual line.	
23	Select OR class of call with translator indication as required for access to selected route.	
24	Select line location of line having originating service.	
25	Select class of service and rate treatment as required for access to selected route.	
26h	If testing traffic register associated with LTM lead— Select MF originating register group.	
27	Select marker associated with traffic register being tested.	
28	Momentarily operate ST key.	At traffic register cabinet— Register scored once.
29	At MTF— Momentarily operate RL key.	All lamps extinguished.
30	Repeat Steps 27, 28, 29 for each marker associated with traffic register being tested.	
31	Restore all keys and switches and remove all patching cords used for test.	
<b>Foreign Area Originating Calls (FAD, FAM Leads)</b>		
32	Select ORIG class of test.	
33	Select A- through K- digits as required to select foreign area code, office code, and any line numerals.	

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<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
34	Select FAC class of call with translator indication as required for access to selected route.	
35	Select line location of line having originating service.	
36	Select class of service and rate treatment as required having DDD access.	
37i	If testing traffic register associated with FAM lead— Select MF originating register group.	
38	Select marker associated with traffic register being tested.	
39	Momentarily operate ST key.	At traffic register cabinet— Register scored once.
40	At MTF— Momentarily operate RL key.	All lamps extinguished.
41	Repeat Steps 38, 39, 40 for each marker associated with traffic register being tested.	
42	Restore all keys and switches and remove all patching cords used for test.	