

**PEG COUNT REGISTERS
FOR CAMA INITIAL ENTRIES
TESTS USING MASTER TEST FRAME
NO. 5 CROSSBAR OFFICES**

1. GENERAL

1.01 This section describes a method of testing peg count registers arranged to count the number of CAMA initial entries perforated on the central office recorder tapes during a 24-hour period.

1.02 This section is reissued for the following reasons:

- (a) To revise the title to reflect tests using master test frame.
- (b) To eliminate the reference to the MIN L position of the MF switch, since this position is no longer provided.
- (c) To provide for the operation of the OD key.

1.03 The test requires that all but one of the CAMA transverters be made busy.

1.04 The test requires verification at the miscellaneous circuit for perforator cabinet. It also requires action at the recorder and recorder connector circuit.

1.05 The test covered in this section should not be made during the time any recorders are perforating the 3 A.M. End-of-Tape entries and the associated splice pattern.

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

2. APPARATUS

2.01 Master test control circuit, SD-25800-01.

2.02 Master test frame trunk test circuit, SD-25918-01.

2.03 Test set circuit for register and CAMA sender circuits, J24756B (SD-25676-01).

2.04 Testing cord, 20-conductor cord, 6 feet long, equipped with one KS-13875 plug and one KS-13895 plug (W20C cord) (for patching IRT jack to IRT connector on test set).

2.05 Patching cord, one P3F cord, 8 feet long, equipped with one No. 309 plug and one No. 310 plug (No. 3P12H cord).

2.06 No. 893 cord, 6 feet long, equipped with two No. 360A tools (No. 1W13B cord), one KS-6278 connecting clip, and one No. 411A tool (test pick) (for applying momentary ground to relay contacts).

2.07 No. 322A (make busy) plugs, as required.

3. PREPARATION

STEP	ACTION	VERIFICATION
1	At master test frame — Restore all keys.	
2	Operate RL key momentarily.	All lamps extinguished.
3	Insert make-busy plug into OGT-MB jack of CAMA incoming trunk assigned to recorder associated with peg count register being tested.	

SECTION 218-187-501

STEP	ACTION	VERIFICATION
4	Patch CAMA TST jack to OGT-T jack of trunk selected in Step 3.	
5	Patch IRT jack to IRT connector on test set.	
6	At test set — Operate L switch to OFF position.	
→ 7	At master test frame — Operate ITNP, CAM 0/1, KY, TLK, SLP, OD, COMP keys.	CAMA lamp lighted.
→ 8	Operate MF switch to MPT position.	
9	Operate POS switch to select operator position.	
10	Operate A-through K-keys, as required, to select called number.	

4. METHOD

STEP	ACTION	VERIFICATION
11	Insert make-busy plug into TVMB- jacks of all CAMA transverters except transverter required for this test.	
12	Operate ST key momentarily.	ITNP, DIS1, MRL, CK2, POSC lamps lighted. At test set — P lamp lighted.
13	At test set — Key-up calling number.	P lamp extinguished. At master test frame — POSC lamp extinguished. At miscellaneous circuit for perforator cabinet — Register scores once.
14	At master test frame — Operate RL key momentarily.	All lamps extinguished except CAMA lamp.
15	At frame on which recorder associated with register being tested is located — Apply ground momentarily to contact 2 bottom of RL relay of register transfer control circuit.	RT selector switch advanced to next position.
16	Repeat Steps 12 through 15 until each position on RT selector switch has been selected and switch is returned to original position.	

STEP	ACTION	VERIFICATION
17	At master test frame — Remove make-busy plugs from TVMB-jacks.	
18	Repeat Steps 11 through 14 and 17, selecting different CAMA transverter until all CAMA transverters associated with recorder used in this test have been selected.	
19	Remove make-busy plug from OGT-MB jack.	
20	Remove patching cords from IRT, OGT-T jacks.	
21	Restore all keys.	