

OCT 1 1956

GROUP BUSY TIME REGISTERS

(SD-63313-01)

NO. 1 AND NO. 3 TOLL OFFICES

1. GENERAL

1.01 This section describes the method of testing group busy time registers (SD-63313-01) which are associated with toll circuits in No. 1 and No. 3 toll offices.

1.02 The tests cover the following features:

(A) Test of Individual Group Registration:

This test checks the operation of the TR register.

(B) Test of Elapsed Time Recorder: This test checks the operation of the ET register.

1.03 The tests should be made during the light load traffic period.

1.04 The register readings should be recorded prior to and after the test is made and given to the traffic supervisory personnel in accordance with local instructions.

1.05 The tests require an assistant at the traffic register cabinet to record the register readings during the tests.

1.06 When the trunks being tested are associated with senders, sender time out alarms will be received. Therefore, the central office forces responsible for the senders should be notified when testing such trunks.

2. APPARATUS

All Tests

2.01 Two Operators' Telephone Sets.

Test A

2.02 One No. 136B Tool.

Test B

2.03 Stop Watch, KS-3008 or equivalent.

3. PREPARATION

<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
1	Establish a talking circuit between the switchboard and the traffic register cabinet.	

4. METHOD

<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
<u>(A) Test of Individual Group Registration</u>		
2	Block operated the T relay.	Record the TR register reading of the group at start of test.
3	Insert make-busy cords in all except one of the trunk jacks of the group being tested.	
4	Insert a make-busy cord in the remaining trunk jack of the group being tested.	The TR register reading should be one greater than the reading of Step 2.
5	Remove and reinsert the make-busy cords at the trunk jacks, one at a time, until all circuits of the group have been tested.	The TR register reading should increase by one each time a make-busy cord is reinserted.
6	Remove the blocking tool from the T relay.	

<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
	<u>(B) Test of Elapsed Time Recorder</u>	
2	Insert make-busy cords in all trunk jacks of the circuit group to be tested.	The ET register should record once each six seconds.
3	Operate the C key to the operate position.	The ET register stops recording.
4	Restore the C key to the release position.	
5	Remove all make-busy cords from the trunk jacks.	