OPERATION TESTS

HIGH TRAFFIC DAY CONTROL CIRCUIT

DS-30087-01

STEP-BY-STEP AMA

1. GENERAL

1.01 This section describes a method for making tests of the high traffic day control circuit (commonly called high day choke) in step-by-step AMA offices.

NOTE: This equipment should be thoroughly tested before high traffic days such as Mother's Day or Christmas.

1.02 Before the tests are made, these procedures should be reviewed with the District Traffic Supervisor, customer services. The following items should be discussed and agreed to:

(a) The time of day to make the tests.

(b) The correct announcement to be recorded.

(c) The correctness of the "hard to reach" DDD codes used for test.

1.03 The tests covered are:

A. Using Automatic trunk test frame: This test checks that outgoing trunks subject to high traffic control are modified per drawing DS-30087-01.

NOTE: This modification adds (1CA) and (AN) relays.

B. Identifier test using the sender, identifier and transferter test frame: This test checks that identifiers are modified and the "hard to reach" DDD codes are properly cross-connected.

2. PREPARATION

Test A

Step	Action
1	Turn on the announcement machine and amplifier.
	NOTE: If there is no announcement recorded on the machine, place a short recording on it. - "Due to heavy traffic, the circuits are busy now, will you try again later please."

3. METHOD

Step	Action
Test A	**Using Automatic Trunk Test Frame**
2	At the high traffic day control panel, operate the Hi-Day key. (Caution, do not operate a % key.)
3	At the ATTF, set the TST switch in the DN position. Operate keys LP/LK, TLK2, LIST, AN, and REP.
4	Advance the test frame to the first DDD trunk.
5	Operate the ST key.
	Verification
	Recording should be received in the handset
6	Release the ST key and operate the CA key.
7	Advance the test frame to the next DDD trunk and repeat Steps 5, 6, and 7 until all DDD trunks have been tested.
8	After all trunks have been tested, restore all keys to normal and turn off the announcement machine and amplifier and Hi-Day key.
Test B	**Identifier Test Using the Sender, Identifier and Transverter Test**
1	At the SITV set up a "hard to reach" DDD code and operate the H-D key (See list of codes in Table A, Step 5).

Step	Action
2	Busy out the identifier to be tested.
3	At the SITV direct five calls into identifier to be tested by operation of the ST key.

Verification

(a) First call, the A lamp should light

(b) Second call, the A and B lamps should light

(c) Third call, the A, B, & C lamps should light

(d) Fourth call, the A, B, C, & D lamps should light

(e) Fifth call, the A, B, C, D, HDC and NN lamps should light indicating that this call would be routed to a recording.

Step	Action
4	Restore the ST key and remove the busy plug from the IDMB jack.
5	Repeat Steps 2, 3, and 4 for each identifier until all identifiers have been tested.

TABLE A

Code Block	Suggested Test Code	Code Block	Suggested Test Code
20X	202	60X	601
21X	212	61X	617
30X	303	70X	709
31X	314	71X	713
40X	405	80X	801
41X	416	81X	816
50X	507	90X	902
51X	518	91X	918

Step	Action
6	To test cross connections, direct one call of each suggested test code for each identifier.

Verification

On each call, the A lamp should light.

Step	Action
7	After completion of tests, restore H-D key and all keys on SITV test to normal.