

PRIVATE LINE CONFERENCE CIRCUIT SD-96391-01 TRANSMISSION TESTS

1. GENERAL

1.01 This section describes a method of making transmission tests for private line conference circuit SD-96391-01.

1.02 This section is reissued to rearrange the sequence of performing Steps 1 to 3 inclusive of Part 3 Method to reduce the test set warm-up time, and to add patching cord code numbers to Fig. 2.

1.03 Circuit release should be obtained from the controller subscriber before making these tests.

1.04 After completing the tests, restore the circuit to normal and notify the controller subscriber that the circuit is available for service.

2. APPARATUS

2.01 No. 19C Oscillator or equivalent 1000-cycle oscillator.

2.02 No. 13A Transmission Measuring Set or equivalent.

2.03 One P2B Cord, 6 feet long, equipped with two No. 310 Plugs (2P4C Cord).

2.04 One W2W Cord, 6 feet long, equipped with one No. 310 Plug and two No. 360 Tools (2W17A Cord).

2.05 Four No. 893 Cords, 3 feet long, equipped with two No. 360 Tools (1W13A Cord).

2.06 Two No. 893 Cords, 6 feet long, equipped with two No. 360 Tools (1W13B Cord).

2.07 Four No. 141A Condensers or equivalent 1 mf capacitors.

2.08 Four No. 364 Tools.

2.09 Two No. 419A Tools.

2.10 Eight KS-6278 Connecting Clips.

3. METHOD

<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
1	Connect the power plug of the No. 19C oscillator to the 110-volt ac power outlet and operate the oscillator ON switch.	
2	Connect the power plug of the No. 13A transmission measuring set to the 110-volt ac power outlet and operate the transmission measuring set ON switch.	
3	Calibrate and adjust the No. 19C oscillator for 1000-cycle frequency at 0 dbm level in accordance with Section 103-307-105.	
4	Calibrate the No. 13A transmission measuring set in accordance with Section 103-213-100. The output of the No. 19C oscillator may be used as a source of tone.	
5	Block operated all CT relays.	
6	Block operated S relay on the called station line circuit being tested.	

SECTION 201-825-502

STEP

ACTION

VERIFICATION

- 7 Block nonoperated S relays on all other called station line circuits not being tested.
- 8 Block nonoperated RL1 relay (if provided).
- 9 Provide connections as shown in Fig. 1.

The db measurements as read on the No. 13A T.M.S. shall be within the limits specified in Table 1.

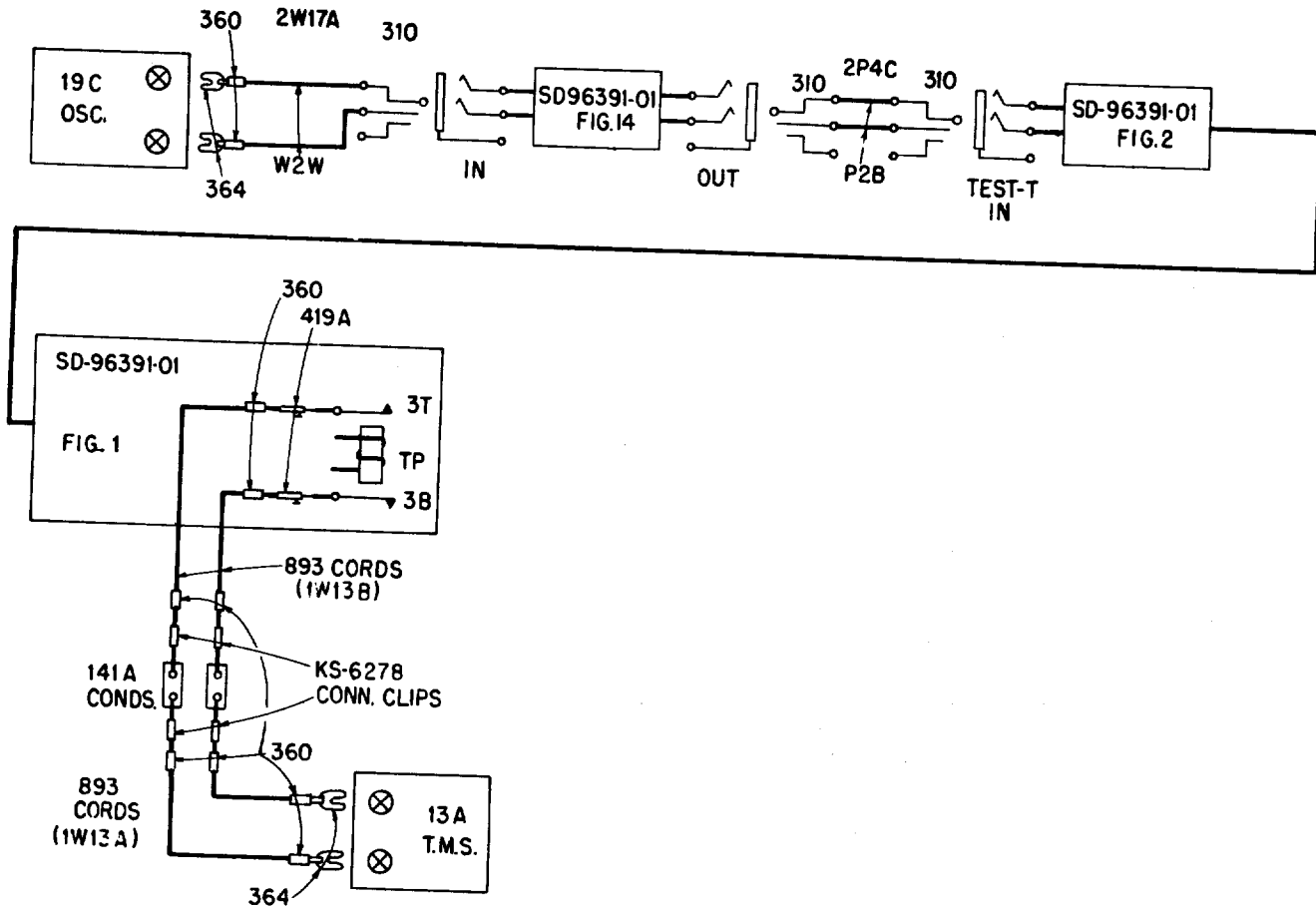


Fig. 1

Table 1

Type of Pad Used	10 or Less Called Station Lines	Over 10 Called Station Lines
None	- 7.5 ± 2.0	- 8.0 ± 2.0
36M	-11.5 ± 2.0	-12.0 ± 2.0
36CC	-15.5 ± 2.0	-16.0 ± 2.0
36CC, 36M	-19.5 ± 2.0	-20.0 ± 2.0

- 10 Remove all connections established in Fig. 1.

STEP

ACTION

VERIFICATION

11 Provide connections as shown in Fig. 2.

The db measurements as read on the No. 13A T.M.S. shall be within the limits specified in Table 2.

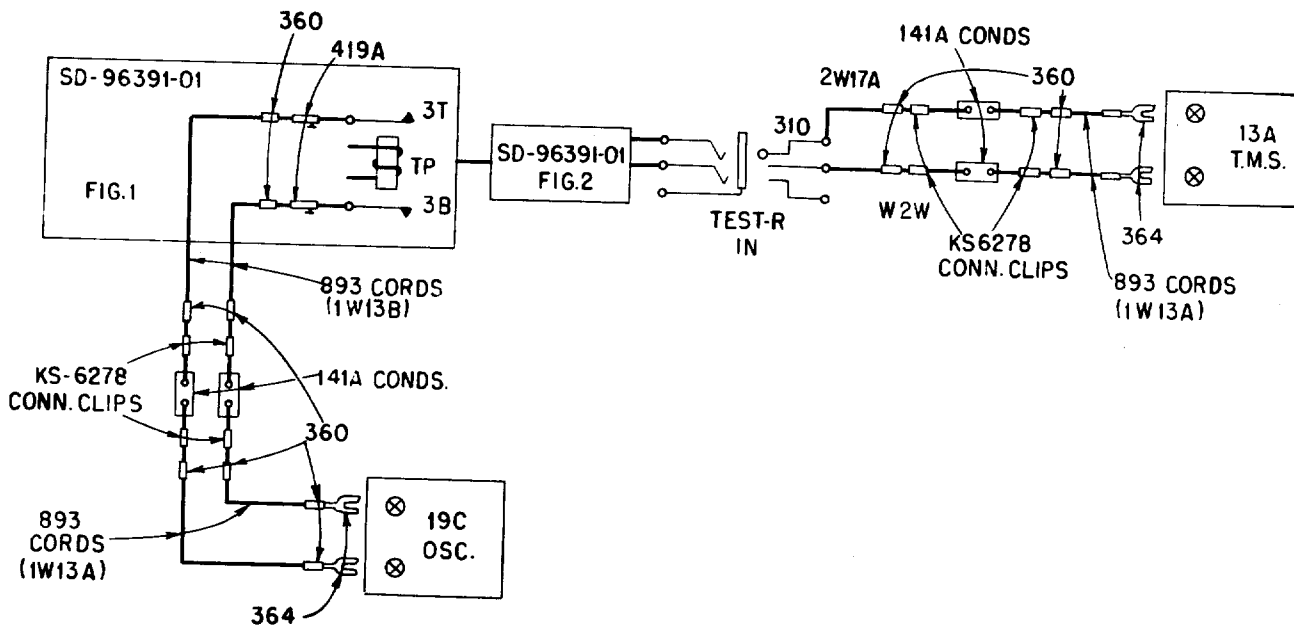


Fig. 2

Table 2

Type of Pad Used	10 or Less Called Station Lines	Over 10 Called Station Lines
None	+8.5 ± 2.0	+4.0 ± 2.0
36M	+4.5 ± 2.0	0.0 ± 2.0
36CC	+0.5 ± 2.0	-4.0 ± 2.0
36CC, 36M	-3.5 ± 2.0	-8.0 ± 2.0

- 12 Remove all connections established in Fig. 2.
- 13 Remove blocking tools from all relays.
- 14 Remove power plugs from test sets.