FALSELY GROUNDED NUMBER GROUP CONNECTOR C LEAD
NO. 1 CROSSBAR OFFICES

1. GENERAL
1.01 This section covers methods to be followed in connection with troubles due to a falsely grounded C lead in a number group connector.

2. INDICATIONS OF TROUBLE CONDITION
2.01 Terminating trouble indicator records.

3. REACTIONS DUE TO TROUBLE
3.01 During the busy-hour periods this trouble causes a backup of terminating traffic.
3.02 Approximately one-fortieth of the calls in a number group may receive service.

4. IMMEDIATE PROCEDURE TO FOLLOW
4.01 Analyze trouble indicator records.
4.02 Disconnect the HG lead in trouble at the common point. This will reduce the number of calls affected to one-fortieth of the numbers in the number group.

5. ANALYSIS OF TROUBLE
5.01 Whenever a marker attempts to complete a call in the number group in trouble to a number which requires the use of a C lead that differs from the one in trouble, it will give a trouble release and cause a terminating trouble indicator record showing an XC (crossed HGA-D or NC leads) lamp.

6. SUGGESTED PROCEDURE FOR LOCATING AND CLEARING TROUBLE
6.01 Segregate the trouble by splitting the multiple.

7. TROUBLE CONDITIONS CAUSING REACTIONS MAY BE LISTED BELOW
7.01 Wire clipping cross, grounding the HGD - 9 horizontal strap on the MGD relay of a number group connector.
## Terminating Trouble Indicator Record

### Crossbar Offices

| No. | U | V | W | X | Y | Z | T | U | F | T12 | R1 | G1 | R2 | C1 | G2 | H1 | L1 | M1 | N1 | O1 | P1 | Q1 | R1 | S1 |
|-----|---|---|---|---|---|---|---|---|---|-----|----|-----|----|-----|----|-----|----|----|----|----|----|----|----|
| 1   |   |   |   |   |   |   |   |   |   |     |    |     |    |     |    |     |    |    |    |    |    |    |    |
| 2   |   |   |   |   |   |   |   |   |   |     |    |     |    |     |    |     |    |    |    |    |    |    |    |
| 3   |   |   |   |   |   |   |   |   |   |     |    |     |    |     |    |     |    |    |    |    |    |    |    |

### Column A - Trouble indication.
- Column B - Any marker.
- Column C - Any number in number group.
- Column D - Any number in number group.

### Analysis of Indication:
Since the LLO-D lamp repeats with the OB-9 lamp on all displays having XC lamp, it indicates that the C lead associated with OB-9 of line link D is grounded.

### Immediate Procedure to Follow:
Remove the C lead in trouble.

### Procedure for Locating and Clearing Trouble:
Segregate by splitting multiple. Close down section of lead that tests clear by means of cord and connecting clips.

### Date

### Office

### Sheet No.

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12 13 14 15 16 17 18 19 20 21 22 23 24 25

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