CROSSED ORIGINATING MARKER MULTIPLE SL LEADS
NO. 1 CROSSBAR OFFICES

1. GENERAL
1.01 This section covers methods to be followed in connection with troubles due to crossed SL leads in the originating marker multiple.
1.02 When this section was converted from the A series to the plant series, the wrong information was included in the text. This section is reissued to provide the information previously contained in Section A370.211.

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

3. REACTIONS DUE TO TROUBLE
3.01 During busy-hour periods this trouble may cause a backup of originating traffic.
3.02 The individual call involved is completed on second trial.

4. IMMEDIATE PROCEDURE TO FOLLOW
4.01 Analyze trouble indicator records.
4.02 Remove marker involved from service.

5. ANALYSIS OF TROUBLE
5.01 A cross between operating springs 7 and 17 of the MCA relay of a marker on the district link frame may cause false XSL (crossed SL lead) lamp indications because the SL lead is crossed to the sleeve lead of the 7R channel. If this marker attempts to complete a connection on any district link on which this channel is busy the XSL relay will operate falsely.

6. SUGGESTED PROCEDURE FOR LOCATING AND CLEARING TROUBLE
6.01 To prove that this cross exists, ground the sleeve of the 7R link at its CH relay in the marker and note that the XSL relay operates.
6.02 Locate the cross either by inspection of wiring at all district link frames or by opening the multiple to segregate the location.

7. TROUBLE CONDITIONS CAUSING REACTIONS MAY BE LISTED BELOW
7.01 Wire clipping cross between insulator and spring pileup of MCA relay on district frames.
### ORIGINATING TROUBLE INDICATOR RECORD
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#### Immediate Procedure to Follow:
- Make marker 2 busy.

#### Procedure for Locating and Clearing Trouble:
- Check to see whether lead is crossed or grounded. Inspect or test by opening multible.

#### Analysis of Indication:
XSL lamp indicates a falsely grounded SL lead. Since these indications occur on any district frame but only when marker 2 is involved, the trouble must be in the marker.