

OFFICE JUNCTOR REDISTRIBUTION

Replaces: Section 42
Dated: 10-7-54

4 DL - 4 OL TO 8 DL - 8 OL FRS, 6-6 TO 10-10 PATTERN, OR
6 DL - 6 OL TO 8 DL - 8 OL FRS, 6-6 TO 10-10 PATTERN, OR
6 DL - 6 OL TO 10 DL - 10 OL FRS, 6-6 TO 10-10 PATTERN

PROCEDURE NO. 20

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| 1. <u>GENERAL</u> | 2. <u>STEP NO. 1 MARKER BLOCKING</u> |
| 1.1 This procedure covers the transition of the office junctor redistribution | 2.1 Perform the following work on each marker, one at a time, in order to block the marker to select only the first subgroup of junctors: |
| <u>From</u> | (1) Make marker busy. |
| ED-25016-015, Fig. 7, 4 DL and 4 OL frames, having STD 6-6 pattern, with 30 junctors from each frame, 6 DL and 6 OL frames, having STD 6-6 pattern, with 30 junctors from each frame. | (2) Block relay CBA3 operated. |
| <u>To</u> | (3) Block relays CBB1 and CBB4 non-operated. |
| ED-25012-011, Fig. 1, 8 DL and 8 OL frames, having STD 10-10 pattern with 20 junctors from each frame, or 10 DL and 10 OL frames, having STD 10-10 pattern, with 20 junctors from each frame. | (4) Verify that all CB relays are normal except CBA3. |
| <u>NOTE:</u> This procedure has been prepared for the transition from the highest numbered frame and pattern for the present figure, to the highest numbered frame and pattern for the proposed figure. | (5) Remove strap between CB10 and CB11. |
| Several other frame combinations may be had when using the present and proposed drawing figures. | (6) Add strap between CB11 and CB12. |
| Other combinations would use the same general procedure but the quantity of work would vary. | (7) Test, remove the busy condition and return marker to service. |
| | 3. <u>STEP NO. 2 DISTRICT LINK AND GROUPING FRAME CROSS CONNECTIONS</u> |
| | 3.1 Change the cross connections between the JC relay windings and the JC leads on District Link Frame 2 per T-25031-18 from Figure 9 to Figure 5 and on District Link Frame 3 from Figure 10 to Figure 6. |

- 3.2 Disconnect and remove all cross connections associated with the present second subgroup of junctors as shown on drawing ED-25016-015, Figure 7.
- 3.3 There are 360 junctors to be disconnected. One end of some of these junctors will be found on the terminal strips required for the new district link and office link frame cables.
- 3.4 Connect all remaining district link and office link frame cable conductors at the OJG frame.
- 3.5 Connect all remaining cross connection ends at the OJG frame.
4. STEP NO. 3 MARKER PATTERN
- 4.1 Modify the originating markers, one at a time, (drawing SD-25016-01) from Note 180, for "4 frames (new offices) or 6 frames (after an addition)" to agree with Note 180 for "8 frames (new offices) or 10 frames (after an addition).
- 4.2 See Section 30, Paragraph 6, for information concerning types of patterns.
- 4.3 Test the markers to determine that they will function with the present link frames and return them to service.
- 4.4 The test of the markers to determine whether they will function with the added link frames will be made in a later operation.
5. STEP NO. 4 TIP AND RING TEST
- 5.1 Make a tip and ring continuity test of the cables and jumpers of all newly established junctors.
6. STEP NO. 5 JUNCTOR SLEEVE TEST
- 6.1 Test one marker, so as to determine that it will function with the new pattern and then use it to make the junctor sleeve test in the following operation.
- 6.2 Make a junctor sleeve test of the sleeve conductors (as outlined in Section 32, Paragraph 5) for all the newly established junctors and restore the marker to service.
7. STEP NO. 6 FINAL MARKER TEST
- 7.1 Test the remaining markers, one at a time, so as to determine that they will function with the new pattern, and restore them to service.

Lines presented in Script indicate new or changed information.

Manager, Crossbar Product Engineering
Control Center

Reason for Reissue:
Change in Paragraph 1.1.