

OFFICE JUNCTOR REDISTRIBUTION
4 DL - 4 OL TO 6 DL - 6 OL PRS, 4-4 TO 8-8 PATTERN, OR
4 DL - 4 OL TO 8 DL - 8 OL PRS, 4-4 TO 8-8 PATTERN
PROCEDURE NO. 17

CONTENTS

1. GENERAL
2. STEP NO. 1 MARKER BLOCKING
3. STEP NO. 2 DISTRICT LINK AND GROUPING FRAME CROSS-CONNECTIONS
4. STEP NO. 3 MARKER PATTERN
5. STEP NO. 4 TIP AND RING TEST
6. STEP NO. 5 JUNCTOR SLEEVE TEST
7. STEP NO. 6 FINAL MARKER TEST

1. GENERAL

1.1 This procedure covers the transition of the office junctor redistribution

FROM

ED-25016-014, Fig. 6, 4 DL and 4 OL frames, having STD 4-4 pattern, with 40 junctors from each frame.

TO

ED-25016-016, Fig. 8, 6 DL and 6 OL frames, having STD 8-8 pattern, with 25 junctors from each frame, or 8 DL and 8 OL frames, having STD 8-8 pattern, with 25 junctors from each frame.

NOTE: 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.

Several other frame and pattern combinations may be had when using the present and proposed drawing figures.

Other combinations would use the same general procedure but the quantity of work would vary.

2. STEP NO. 1 MARKER BLOCKING

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:

- 1 - Make marker busy.
- 2 - Block relay CBA3 operated.
- 3 - Block relays CBB1 and CBB4 non-operated.
- 4 - Verify that all CB relays are normal except CBA3.
- 5 - Remove strap between terminals CB10 and CB11.
- 6 - Add strap between CB11 and CB12.
- 7 - Test, remove the busy condition and return marker to service.

3. STEP NO. 2 DISTRICT LINK AND GROUPING FRAME CROSS-CONNECTIONS

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 second subgroup junctors per ED-25016-014, Figure 6.

3.3 There are 320 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 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 (after an addition)" to agree with Note 180 for "6 frames (new offices) or 8 frames (after an addition)."

4.2 All cross-connections per Note 180 (C) for the 8 frame pattern size may be connected in advance if so desired.

4.3 See Section 30, Paragraph 6, for information concerning types of patterns.

4.4 Test the markers to determine that they will function with the present link frames and return them to service.

4.5 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 cross-connections of all newly established junctors.

6. STEP NO. 5 JUNCTOR SLEEVE TEST

6.1 Remove the block and 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 newly established junctors, and restore the marker to service.

No arrows are shown due to extensive revision.

7. STEP NO. 6 FINAL MARKER TEST

7.1 Remove the block and 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.

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