

OFFICE JUNCTOR REDISTRIBUTION  
14 DL - 14 OL TO 18 DL - 18 OL FRS, 16-16 TO 18-18 PATTERN, OR  
16 DL - 16 OL TO 18 DL - 18 OL FRS, 16-16 TO 18-18 PATTERN  
PROCEDURE NO. 32

CONTENTS

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|---|-----------------------------------|
| 1. GENERAL  | 5. STEP NO. 4 GROUPING FRAME      |
| 2. STEP NO. 1 MARKER PATTERN                            | 6. STEP NO. 5 TIP AND RING TEST   |
| 3. STEP NO. 2 MAKE BUSY PATTERN                         | 7. STEP NO. 6 JUNCTOR SLEEVE TEST |
| 4. STEP NO. 3 DISTRICT LINK FRAME CROSS-<br>CONNECTIONS | 8. STEP NO. 7 FINAL MARKER TEST   |

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| 1. <u>GENERAL</u>   | 2.3 This work is different from other procedures since it is outlined only in one paragraph in Note 180.   |
| 1.1 This procedure covers the transition of the office junctor redistribution.  | 2.4 The work consists of adding the cross-connections marked with a diamond and an asterisk in Note 180 (D), (F) and (G).  |
| <u>From</u><br>ED-25012-014, Fig. 4, 14 DL and 14 OL frames, having STD 16-16 pattern, with 12 junctors from each frame, or 16 DL and 16 OL frames, having STD 16-16 pattern, with 12 junctors from each frame. | 2.5 See Section 30, Paragraph 6, for information concerning types of patterns.   |
| <u>To</u><br>ED-25012-015, Fig. 5, 18 DL and 18 OL frames, having STD 18-18 pattern, with 11 junctors from each frame.  | 2.6 Test the markers to determine that they will function with the present link frames and return them to service.   |
| <u>NOTE:</u> This procedure has been prepared for the transition from highest numbered frame and pattern for the present figure, to the highest numbered frame and pattern for the proposed figure.             | 2.7 The test of the markers to determine whether they will function with the added link frames will be made in a later operation.  |
| Several other frame combinations may be had when using the present and proposed drawing figures.  | 3. <u>STEP NO. 2 MAKE BUSY PATTERN</u>   |
| Other combinations would use the same general procedure but the quantity of work would vary.  | 3.1 Insert make busy plugs at the district link frame verticals for the following junctors as shown on drawing ED-25012-014, Fig. 4 (1) all junctors having either or both ends enclosed in a heavy rectangle or square; (2) all junctors marked with a diamond. |
| 2.1 Modify the originating markers, one at a time, (drawing SD-25016-01) from Note 180 for "16 frames" to agree with Note 180 for "18 frames".  | 3.11 There are 412 verticals to be made busy.  |
| 2.2 The title of the paragraph in Note 180 for this work is as follows:<br>"14 Frames (New Offices) or 16 and 18 Frames (All Offices)"  | 3.2 When inserting the make busy plugs, care should be taken so as to avoid making busy a vertical that is being used for traffic.   |
|   | 3.3 After a make busy plug is inserted, check all crosspoints on this vertical and if any are found closed, remove the make busy plug until the crosspoints have been released.  |

- 3.4 If a vertical that has a crosspoint in service is made busy, it may cause the marker to "time out" and furnish an XSL indication.
- 3.5 After the completion of operations covered in Paragraphs 3.1 to 3.4, connect temporary ground to all JC punchings associated with junctors whose DISTRICT LINK ends are enclosed in a heavy rectangle or square as shown on drawing ED-25012-014, Fig. 4.
- 3.51 They are associated with JC relays 10 to 15.
- 3.52 There is a total of 96 junctors.
- 3.6 For additional information see Section 30, Paragraph 7.
- 4. STEP NO. 3 DISTRICT LINK FRAME CROSS-CONNECTIONS
- 4.1 Change the SHX and JC cross-connections as specified in Table 1.
- 4.11 "G" punchings on the SHX terminal strips are to be connected before the other cross-connection changes are made.

TABLE 1  
SHX AND JC CROSS-CONNECTIONS

DIST. LK. FR. NO.	PER T 25031	
	FROM-21 FIGS.	T0-22 FIGS.
0	1,6,8	1,6,8
1	1,7,8	1,7,8
2	2,6,8	2,6,8
3	2,7,8	2,7,8
4	3,6,8	3,6,8
5	3,7,8	3,7,8
6	4,6,8	4,6,8
7	4,7,8	4,7,8
8	5,6,8	5,6,8
9	5,7,8	5,7,8
		-23 -22
10	1,6,8	1 6,8
11	1,7,8	1 7,8
12	2,6,8	2 6,8
13	2,7,8	2 7,8
14	3,6,8	3 6,8
15	3,7,8	3 7,8
16	NEW	4 6,8
17	"	4 7,8

*Lines Presented in Script Indicate  
New or Changed Information*

- 5. STEP NO. 4 GROUPING FRAME
- 5.1 Disconnect and remove all cross-connections associated with the junctors that have either one end or both ends enclosed in a heavy rectangle or square and also those junctors that are marked with a diamond as shown on drawing ED-25012-014, Fig. 4.
- 5.2 There are 412 junctors to be disconnected.
- 5.3 One end of most of these junctors will be found on the terminal strips required for the new district link and office link frame cables.
- 5.4 Connect all remaining link and office link frame cable conductors at the OJG frame.
- 5.5 Connect all remaining cross-connection ends at the OJG frame.
- 6. STEP NO. 5 TIP AND RING TEST
- 6.1 Make a tip and ring continuity test of the cables and cross-connections of all newly established junctors.
- 7. STEP NO. 6 JUNCTION SLEEVE TEST
- 7.1 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.
- 7.2 Make a junctor sleeve test of the sleeve conductors (as outlined in Section 32, Paragraph 5) for all newly established junctors, removing the make busy plugs and temporary ground straps, as required, and return the marker to service.
- 8. STEP NO. 7 FINAL MARKER TEST
- 8.1 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.

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Reason for Reissue:  
Changes in Paragraphs 1.1, 3.1, 3.5 and 5.1.