

OFFICE JUNCTOR REDISTRIBUTION - TYPICAL PROCEDURE OUTLINE

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1. GENERAL

1.1 Figure 1 shows an outline of a typical office junctor redistribution transition during a week-end period. The example shown is for a 4-4 frame job having a MFR DISC 4-4 pattern with 4 originating markers, which is being changed to become a 6-6 frame job with a new standard 6-6 pattern.

1.2 The outline shows the operations required and their sequence. It also shows the allotment of time spent, from Saturday 1 P.M. to Sunday 5 P.M., together with the overlapping or simultaneous work on certain operations. It is expected that other types of pattern changes may take slightly more or less over-all time and also that the starting time may vary.

1.3 It is assumed that this job has 4 originating markers. The outline arbitrarily treats the markers in numerical order, starting with marker 0. Any numerical order may be used. In Item 1, markers 0,1,2,3, are worked on in numerical order, one at a time. At the completion of Item 1, marker 3 is held busy and the work under Item 10 is applied to markers 3,0,1,2, as shown. At the completion of Item 10, marker 2 is held busy until Item 11 can start, at which time marker 2 will have the work under Item 11 performed on it. After marker 2 is completed under Item 11, it is used to make the junctor test for Item 12. When Item 12 is completed, the remaining work on markers 3,0,1, for Item 11 is performed and completed, one marker at a time.

2. PRELIMINARY WORK

2.1 For this particular example, the following connections can and should be made before the week-end transition step:

- 320 District link frame cable circuits at the OJG frame.
- 320 Office link frame cable circuits at the OJG frame.
- 80 Cross-connections at both ends at the OJG frame.
- 160 Cross-connections at the DL frame end only, at the OJG frame.
- 160 Cross-connections at the OL frame end only, at the OJG frame.

→ Arrowed lines indicate new or changed information.

3. TRANSITION - DESCRIPTION OF ITEMS IN OUTLINE

3.1 Item 1: This operation restricts the central office traffic to the 1st subgroup junctors, thus enabling all other junctors to be worked on without interference to service.

3.2 Item 2: This operation will not start until Item 1 is completed. This operation is a wiring change that prepares district link frames 2 and 3 for the new 6-6 pattern.

3.3 Items 3 to 9: These operations will not start until Item 1 is completed. Item 9 is a continuity or buzz test of the tip and ring conductors that is applied to the reassigned and newly cross-connected junctors. The work of Items 3 to 8 is simply disconnections and connections of cables and cross-connections as specified.

3.4 Item 10: This operation can start any time after the completion of Item 1. The work prepares the markers to function with the new 6-6 pattern but this feature will not become operative until the blocking condition applied under Item 1 is removed under Item 11.

3.5 Items 11 and 12: Item 11 work will not start until after the completion of Items 9 and 10. The Item 11 work is divided into two parts: the first part to marker 2, and the second part to markers 3,0,1. At the completion of the work on markers 2, it is held busy and used with the OTI frame to perform the junctor test outlined in Item 12.

3.51 If all the markers were unblocked in Item 11 before the completion of the junctor test of Item 12, it would be possible then for uncleared channel troubles to cause service failures. For this reason, no marker is unblocked and returned to service until after the junctor test of Item 12 is completed.

4. TRUNK LOADING

4.1 Sometime after the week-end transition period, it is expected that the telephone company (or Western Electric Company, when specified) will make the necessary OGT rearrangements.

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Complete handbook revision.

Figure 1 attached.

Replaces Section 11B dated 12-19-46.

