OFFICE LINK FRAME SECONDARY SWITCH SPLIT LEVEL CHANGES

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1. GENERAL

1.1 This procedure outlines the work associated with the splitting of office link frame secondary switch levels, so as to increase the trunk capacity of the office link frame.

2. PRELIMINARY WORK

2.1 Run in all cables to the Office Link Frames, ITC, OGT Test Frame, and the MDF, and connect all ends except the office link frame ends.

2.2 Mount and connect the additional TL and TR relays. Block these relays non-operated until after the completion of the transition work so as to prevent possible false closures of the trunk sleeves or other leads through the contacts of the present TL or TR relays.

3. TRANSITION WORK

3.1 Make busy one frame of a pair of office link frames. Change the wiring from the NS terminals to the SP terminals of the TL even and the TR odd relays of the pair of levels to the split on that office link frame. The NS terminals are 60-69 and 70-79, and the SP terminals are 80-89 and 90-99, on the MISC terminal strip. This will cause the marker to test only 10 office links to select a trunk on either of the split levels. Test, to verify the wiring changes. Remove the busy condition from this frame and return it to service.

3.2 Make busy the other frame of the same pair of office link frames and repeat the work of Paragraph 3.1 on this frame.

3.3 Both frames of this pair are now operating on the basis of only ten office links to the trunks of each pair of levels being split.

3.4 Make busy the first frame of the same pair of office link frames. Cut the straps of the levels required, between verticals 9L and OR. Connect the cables at the office link frame, from the ITC, the OGT test frame and the MDF. Test to verify the wiring changes. Remove the busy condition and return this frame to service.

3.5 Make busy the other frame of the same pair of office link frames and repeat the work of Paragraph 3.4 on this frame.

3.6 Repeat the work of Paragraphs 3.1 to 3.5 inclusive on frames of all other pairs of office link frames requiring split levels.

3.7 Establish Trunks

3.71 If new trunks are to be placed in service or if present trunks are to be transferred from one office link frame to another, at the completion of the preceding work of Paragraph 3.1 to 3.6 the following work of Paragraphs 3.711 to 3.712 should be performed. This work is generally performed by the Telephone Company. However, in some cases, the Western Electric Company may be requested to do it.

3.711 Prepare New Trunks for Service: Cross-connect the trunks at the MDF and the ITC and make them busy. Remove one originating marker from service and make the necessary route relay cross-connections on it so as to enable it to test for the new trunks. Test the trunks using the marker. Restore this marker to service but hold the trunks busy. Modify and test the remaining markers in a similar manner, one at a time, and return them to service. Remove the busy condition from the trunks and place them in service.

Operation	Sequence									
	1	2	3	4	5	6	7	8	9	10
Change NS to SP XConn										
Split Sec. Sw. Levels										
Connect Trunks										
Modify Markers							Variable			

FIG. 1 SEQUENCE CHART

3.712 Transfer Present Trunks (On a
Trunk Group Bases): Make busy
a portion or all of the trunks that are to
be transferred. Transfer a portion or all
of the trunks to the new location, as re-
quired. Remove one originating marker from
service and make the necessary route relay
cross-connection changes so as to test for
the new trunk location. Remove the busy
condition and return the marker to service.
Modify and test the remaining markers, one
at a time for the new trunk location and

return them to service. Made busy and trans-
fer any remaining trunks, test them and
return them to service.

4. CLEAN-UP WORK

4.1 Remove all cables as specified.

5. INTERVAL HOURS

5.1 The chart in Figure 1 shows the
sequence of transition operations
per pair of office frames.

→ No arrows are shown due
to extensive changes.

Engineer of Installation