

P1 CARRIER TELEPHONE SYSTEM
ADJUSTMENTS AND MAINTENANCE
CENTRAL OFFICE AND REMOTE TERMINAL
HOW TO LOCATE TROUBLE

1.00 GENERAL

1.01 Chart I shows the procedure to be used in isolating trouble in a central office terminal to a particular network board (both transmitting and receiving). The abbreviated adjustment procedure (Section 363-101-508) or the detailed adjustment procedure (Sections 363-101-502 and 363-101-503) should be used with this chart.

1.02 Chart II shows the procedure to be used in isolating trouble in a remote terminal to a particular network board (both transmitting and receiving). The abbreviated adjustment procedure (Section 363-101-508) or the detailed adjustment procedure (Sections 363-101-505 and 363-101-506) should be used with this chart.

1.03 These charts are intended primarily for trouble locating at a convenient bench location, but, as experience warrants, they may be used at the in-service location. In this issue red and green lines and arrows have been incorporated in Charts I and II.

1.04 When testing or adjusting a terminal, make all transmitting or receiving tests in the order in which they are listed.

1.05 The letters shown on the charts refer to the specific test or adjustment in the abbreviated and the detailed adjustment procedure.

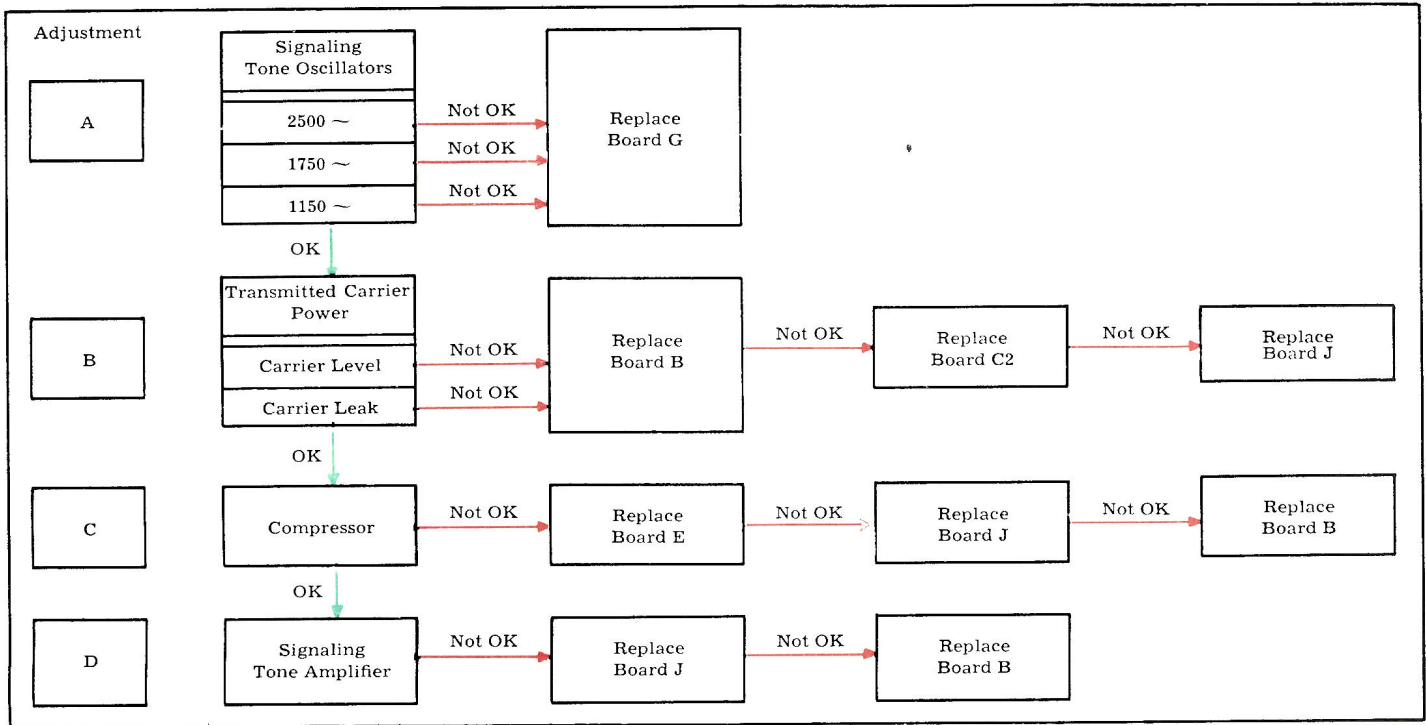
1.06 The letters following the word *board* refer to the position occupied by the network in the 803A connector.

1.07 Boards replaced during the trouble-locating procedure that are not defective will be reinserted in the 803A connector after the defective network has been located. For example, in Adjustment C, if board E is replaced and the terminal still checks *Not OK*, but tests *OK* when board J is replaced, the original board E should be reinserted in the 803A connector.

1.08 The signaling tone oscillators (board G) are installed in only one central office terminal of a system. The other central office terminals on the same system receive these tones over local cable leads from this one terminal. However, when a central office terminal is to be adjusted at a bench location, it must contain the signaling tone oscillators (803D or E network) so that the signaling tone amplifier may be adjusted. If the terminal being adjusted is to have the tones supplied by another terminal when it is returned to service, remove the 803D or E network board (board G) after adjustment has been completed. This procedure is not necessary when the adjustment is to be performed with the terminal installed because the signaling tones are furnished by the terminal containing board G. If no signaling tones can be measured at the 2500-, 1750-, or 1150-cycle test points of the terminal being tested, check at these test points on the terminal containing board G. If the tones are *Not OK*, replace board G; but if the tones are *OK*, check the multiple wiring between terminals.

1.09 Tests on board H cannot be made as a part of the bench adjustment. If the trouble report indicates supervision and/or dialing trouble and the terminal tests *OK* on the bench, refer to Section 363-103-505.

CHART I
CENTRAL OFFICE TERMINAL
TRANSMITTING



RECEIVING

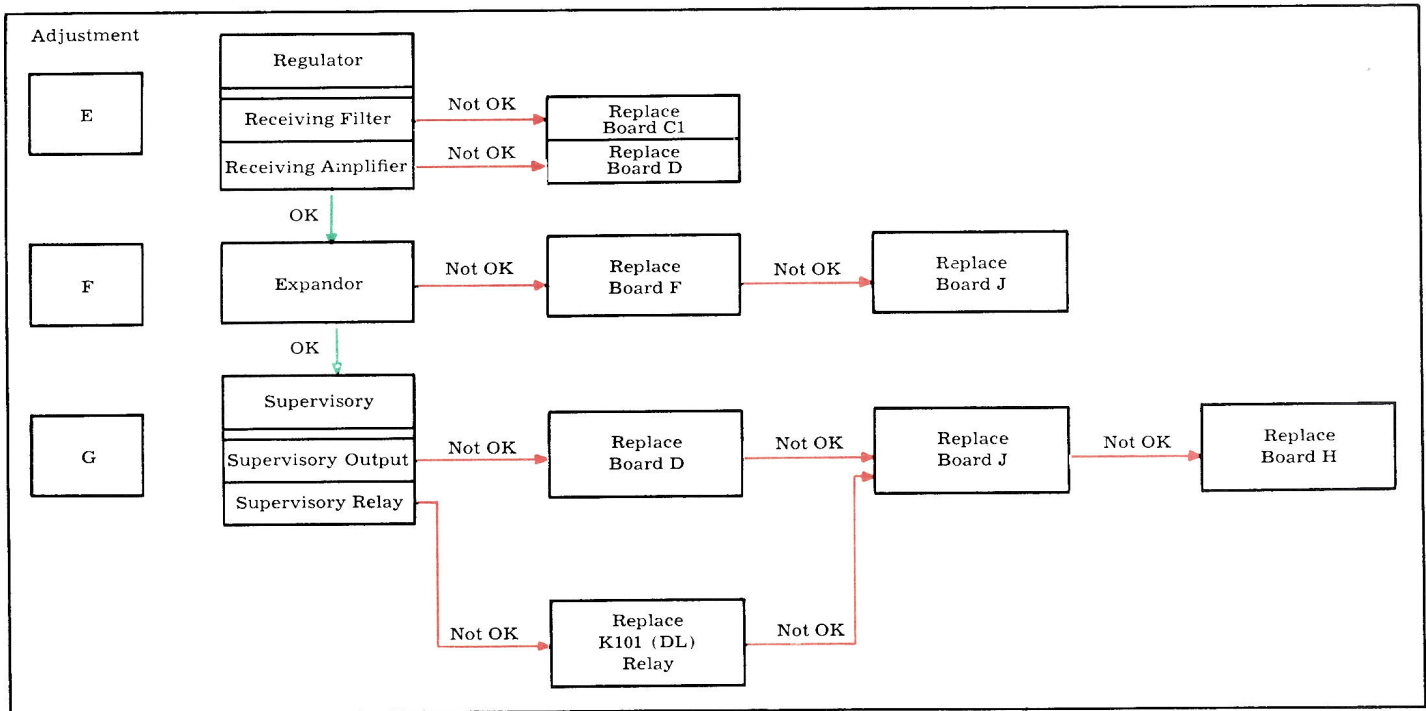
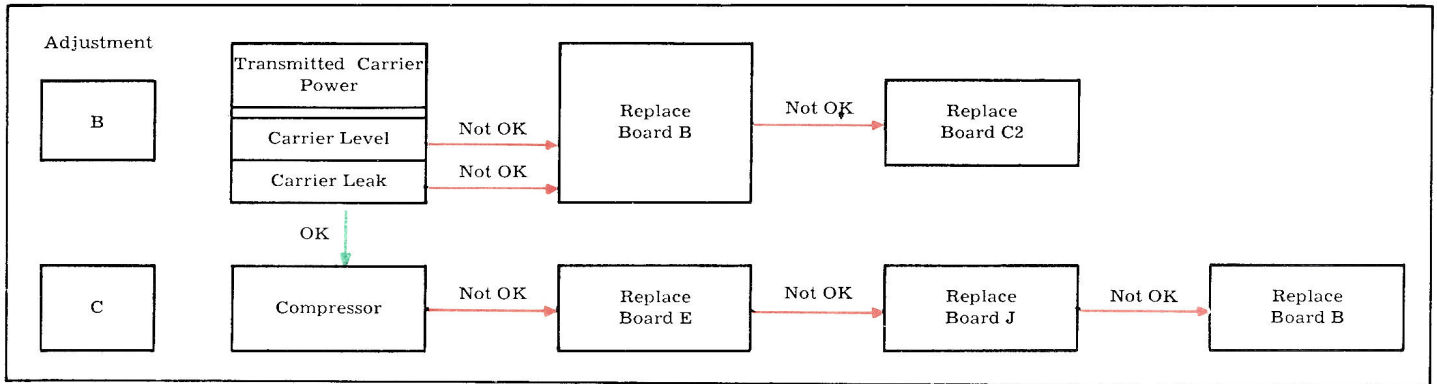


CHART II
REMOTE TERMINAL
TRANSMITTING



RECEIVING

