OPERATION AND MAINTENANCE TERMINAL STATION 1 X N FREQUENCY DIVERSITY DR 6/11-135A AND 135EC EXCESS ALARM

The following flowchart is used to clear the EXCESS ERR RATE, MFR, and ACTY indicators on the CHAN CONTR unit. These indicators light when the associated system performance thresholds have been exceeded. Use these indicators with the flowchart to determine if the alarm is caused by a unit in the terminal receiving circuits. If a unit has failed, refer to the " Terminal" tab under the " Replacement Procedures" tab to replace the unit. If tests are necessary, refer to the " Terminal Procedures" tab or the " Station Procedures" tab in the " Tests and Adjustments" section.

The alarms are " history" indicators. The activity that caused these alarms may have stopped. Therefore, other than the EXCESS alarm indicators, there probably will be no other activity on the digital terminal. Where the trouble activities have temporarily stopped, consult the technical support group and/or O&M Maintenance Support document. Where trouble-indicating activity is detected, use the following flowchart to clear the EXCESS indicators.

Note: Although these alarms and indicators can be locally reset, they will be ***automatically*** reset (if the problem is repaired) at the end of the PERFORMANCE TEST mode. This test is invoked by the alarm center and will take about 15 minutes to run.

Warning: To prevent ESD (electrostatic discharge) damage to a unit, ensure all ESD precautions are followed.

This practice is reissued to include the error-correction option. The practice is used in binders 421-102-001, 421-102-080, 421-102-090, 421-102-100, 421-102-001AC, 421-102-002AC, 421-102-003AC, and 421-102-004AC.

ISSUING ORGANIZATION

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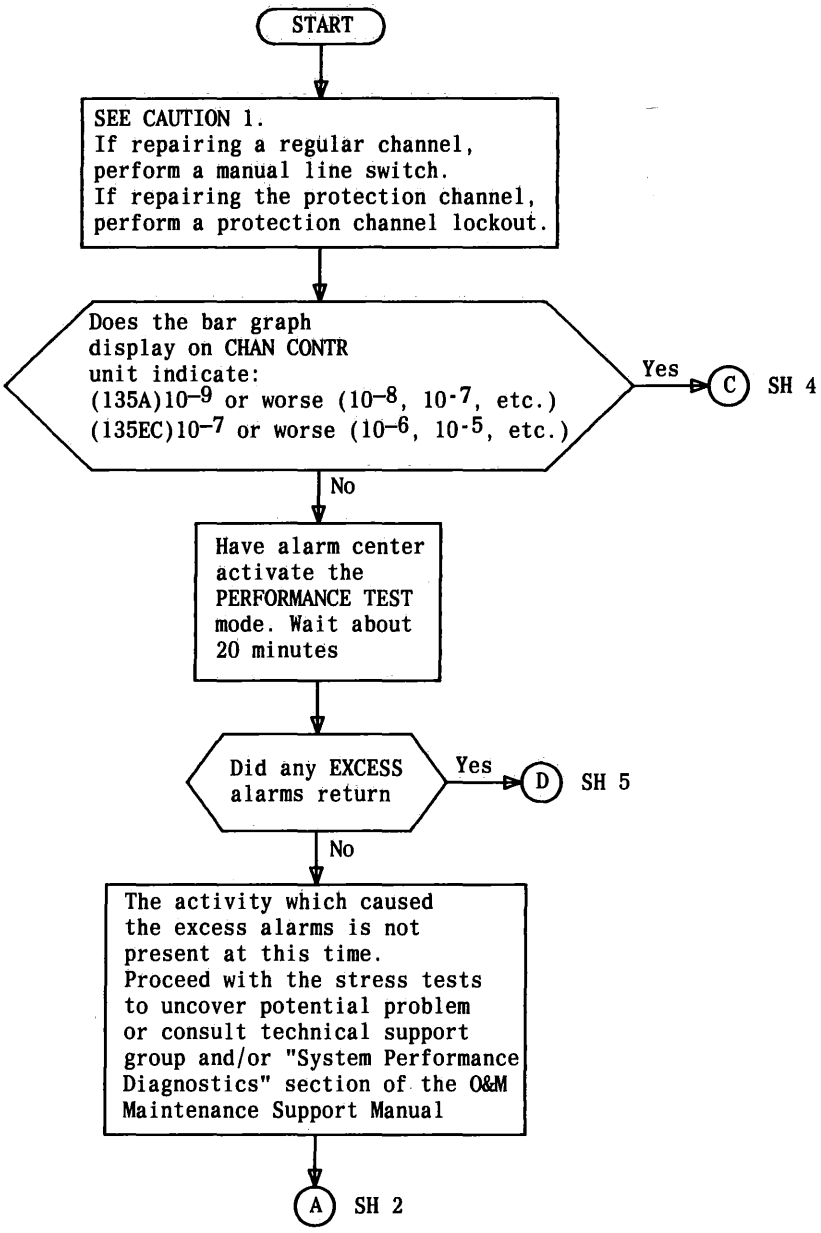
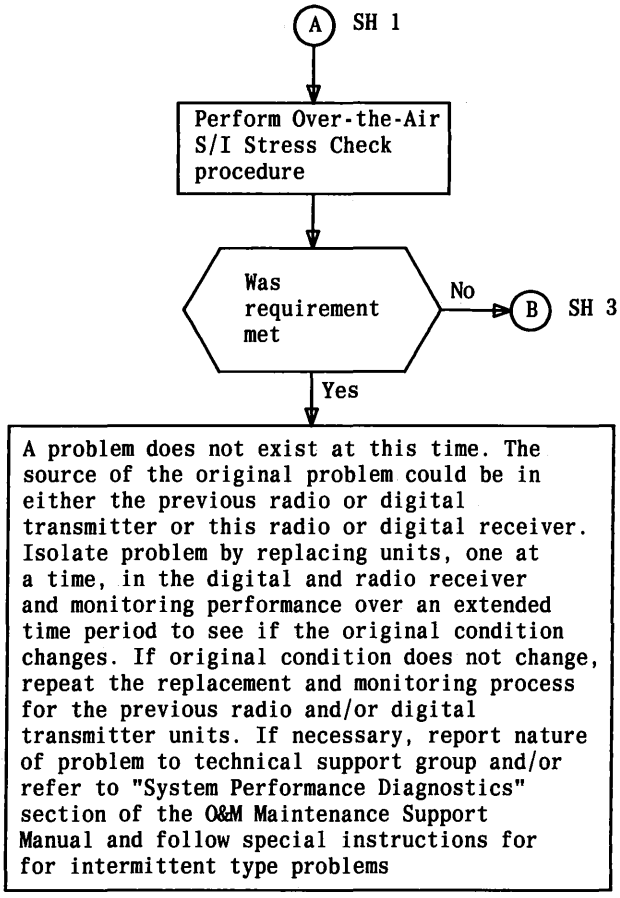
CAUTION 1: This is a service-affecting repair for the receiving direction of transmission.

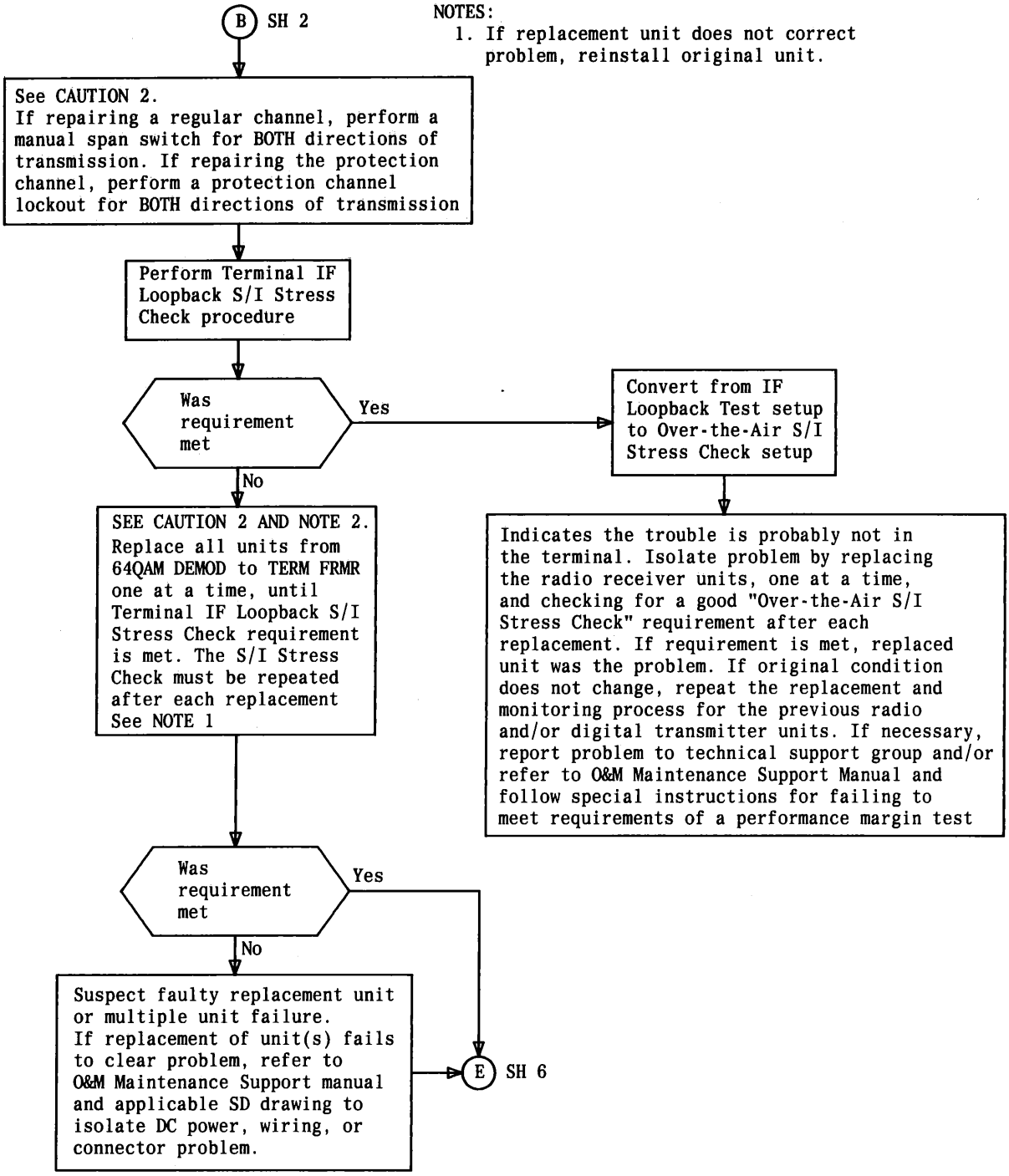


Line Terminal Excess Alarm-Clearing Flowchart (Sheet 1 of 6)



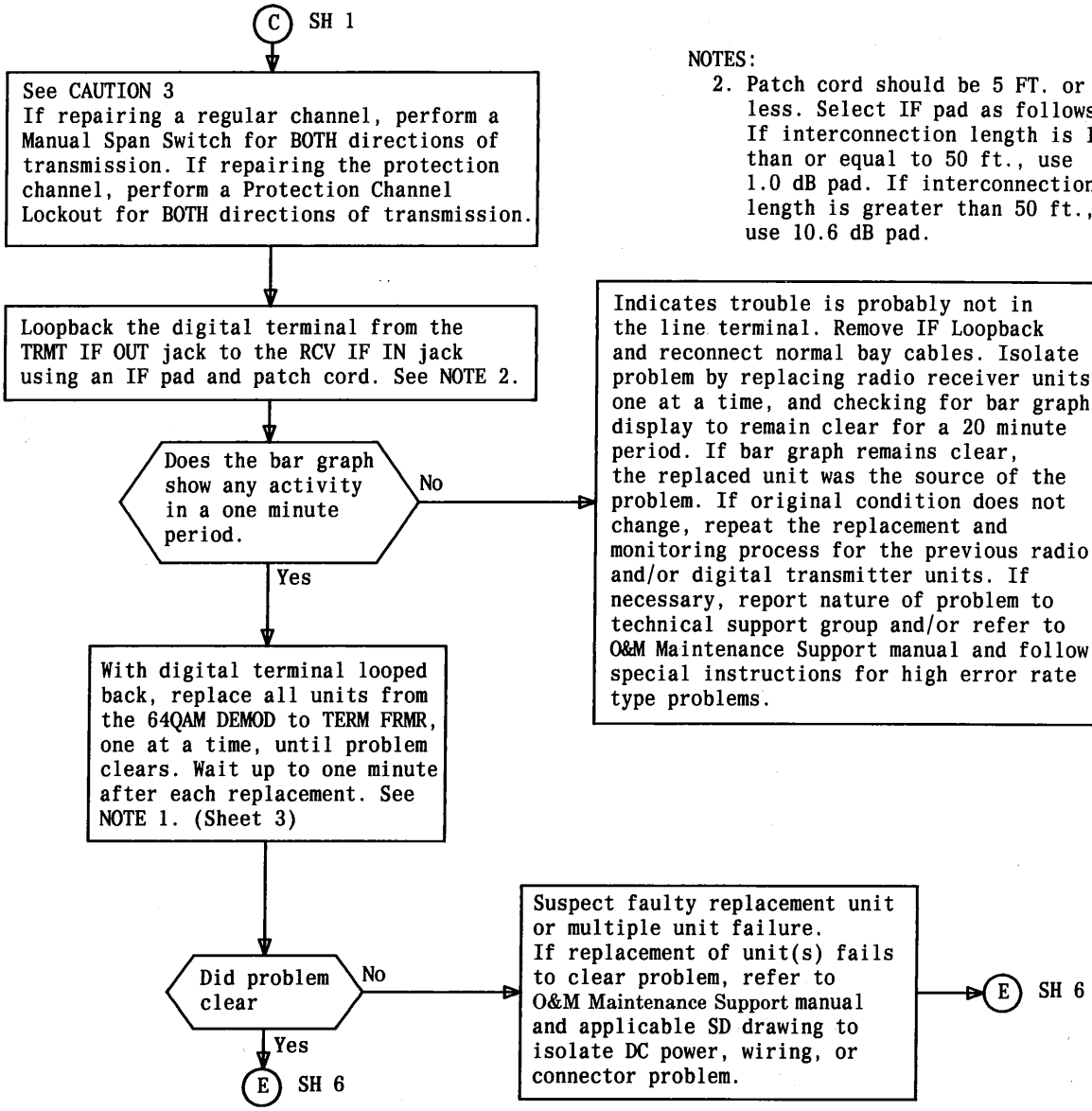
Line Terminal Excess Alarm-Clearing Flowchart (Sheet 2 of 6)

CAUTION 2: If a line terminal unit needs to be replaced, this may be a service-affecting repair for both directions of transmission.



Line Terminal Excess Alarm-Clearing Flowchart (Sheet 3 of 6)

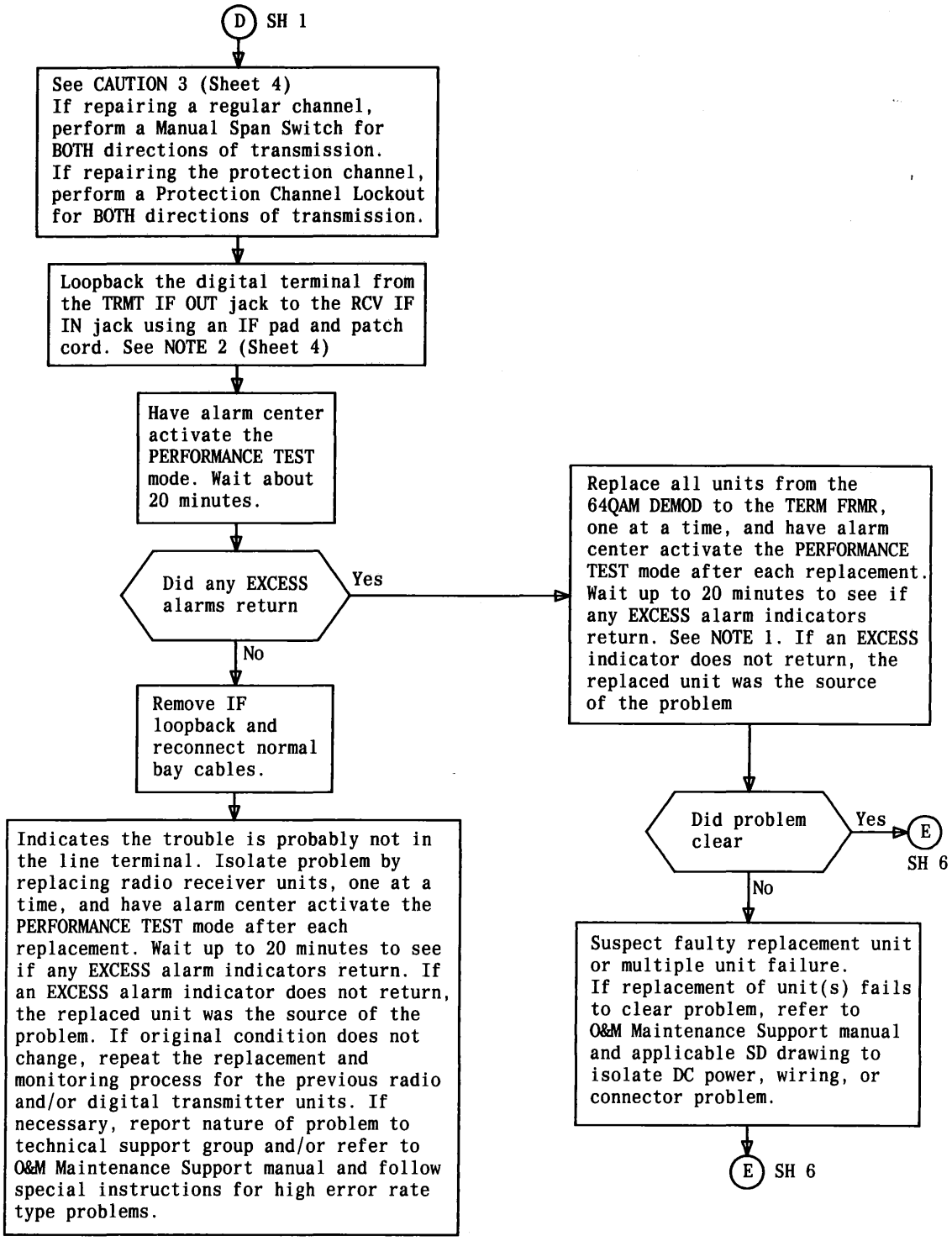
CAUTION 3. This is a service-affecting repair for both directions of transmission.



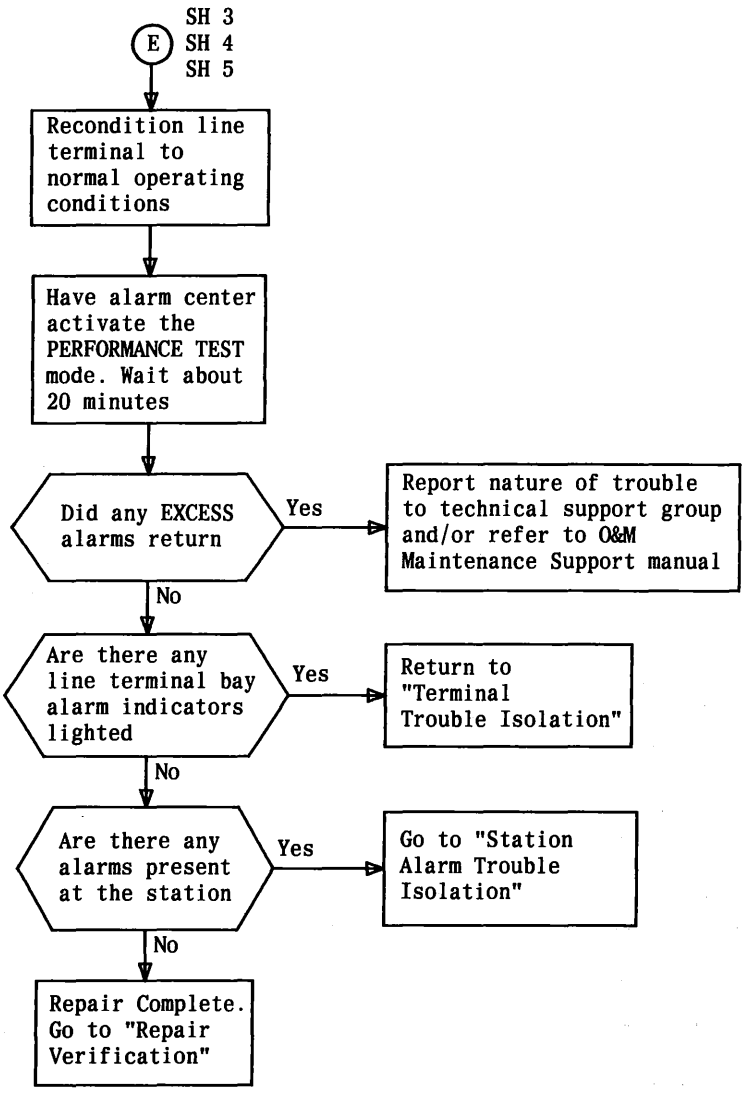
NOTES:

2. Patch cord should be 5 FT. or less. Select IF pad as follows: If interconnection length is less than or equal to 50 ft., use 1.0 dB pad. If interconnection length is greater than 50 ft., use 10.6 dB pad.

Line Terminal Excess Alarm-Clearing Flowchart (Sheet 4 of 6)



Line Terminal Excess Alarm-Clearing Flowchart (Sheet 5 of 6)



Line Terminal Excess Alarm-Clearing Flowchart (Sheet 6 of 6)