

**OPERATION AND MAINTENANCE  
1×N FREQUENCY DIVERSITY  
DR 6/11-135A AND 135EC  
ADAPTIVE EQUALIZER ALARM**

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## 1. GENERAL

Flowchart 1 is used to clear a RCVR ADAPT EQL indicator on the ALARM/ALARM AND METER unit.

The RCVR ADPT EQL indicator will light when the EXCS SLP indicator on the ADAPTIVE SLOPE EQL unit is on for a continuous period longer than 60 to 100 seconds.

The EXCS SLP indicator on the ADAPTIVE SLOPE EQL unit is also activated instantly whenever the amplitude slope on the IF input to the adaptive slope equalizer exceeds 6 dB over a 24-MHz band centered at 70-MHz.

The RCVR ADAPT EQL indicator will also light instantly when the pushbutton switch on the ADAPTIVE SLOPE EQL unit is in the MAN position. The EQL OFF indicator on the ADAPTIVE SLOPE EQL unit should also be lighted.

When a unit has failed, refer to the RADIO RCVR tab under the REPLACEMENT PROCEDURES tab to replace the unit with a spare. If tests are necessary, refer to RADIO RECEIVER PROCEDURES under the TESTS AND ADJUSTMENTS tab.

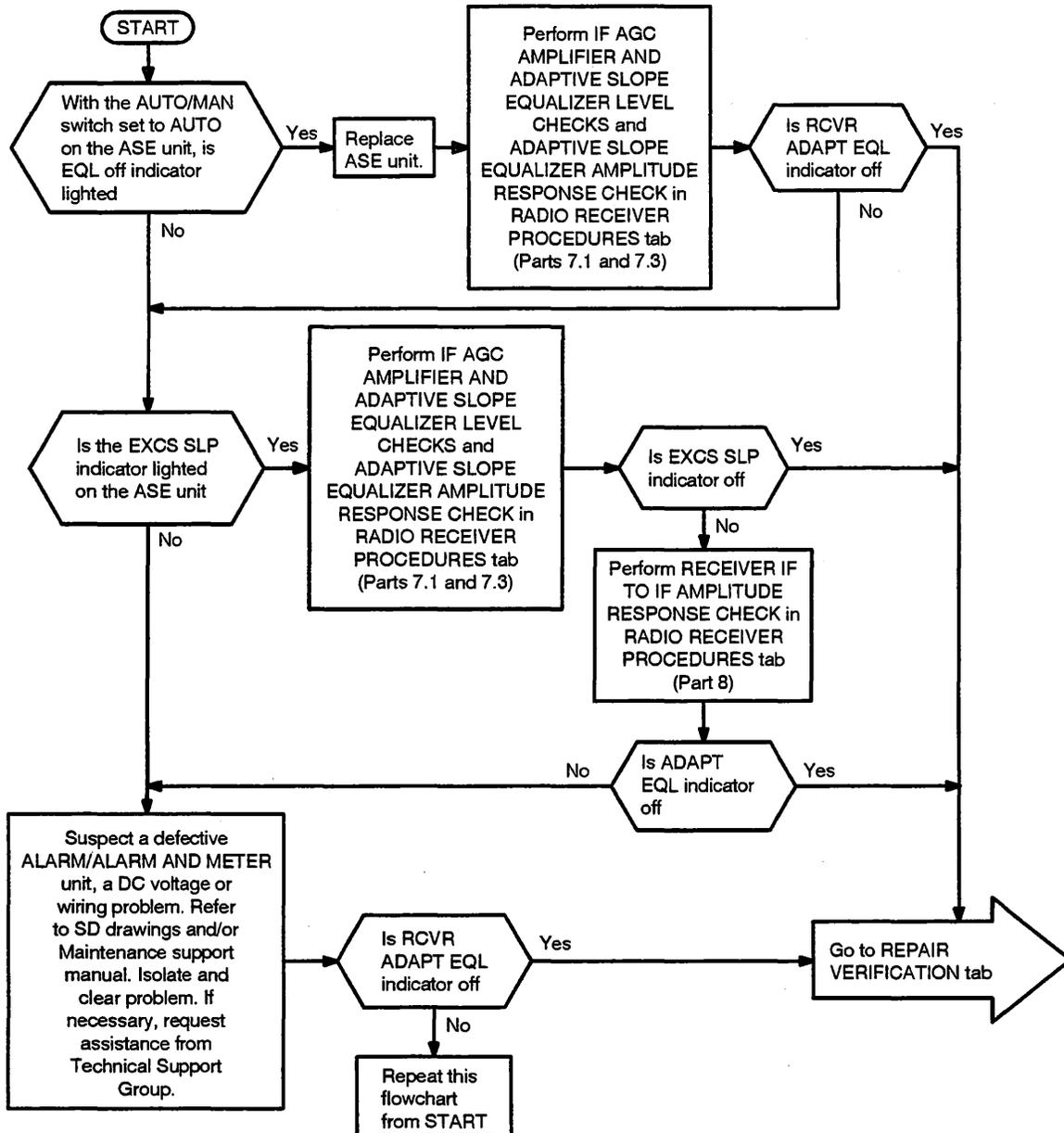
***Warning: To prevent electrostatic discharge (ESD) damage to a unit, ensure all ESD precautions are followed.***

### 1.1 UPDATE INFORMATION

This practice is reissued to revise the adaptive equalizer alarm procedure. The practice is used in binders 421-102-001, 421-020-080, 421-102-090, 421-102-100, 421-103-001, 421-103-080, 421-103-090, and 421-103-100.

**CAUTION: This Procedure Is Service-Affecting Unless the Proper Manual Switching Operation Has Been Performed.**

Prerequisite: RCVR ADAPT EQL alarm lighted on ALARM/ALARM AND METER unit and EXCS SLP or EQL OFF indicator lighted on the ADAPTIVE SLOPE EQL (ASE) unit.



**MR 1—Receiver ADAPT EQL Alarm Diagnosis**