

**OPERATION AND MAINTENANCE
HOT STANDBY
DR 6/11-135A AND 135EC
RADIO RECEIVER
GENERATOR OVEN ALARM**

The following logic diagram (MR 1) is used to clear a RCVR GEN OVEN indicator on the ALARM/ALARM AND METER unit. The indicator will light when the dc current in the generator oven is outside the correct range. When the indicator is lighted and all dc voltages supplied to this unit are known to be good, it will be necessary to replace the entire RECEIVER DOWN CONV & MWV GEN (RCVR CONV) unit with a spare unit equipped with the proper microwave generator module. Spare microwave generator modules should *not* be replaced within a working RCVR CONV plug-in unit since no procedures are provided for troubleshooting between the down-converter and the microwave generator. Refer to "Radio Rcvr" 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.

This practice is reissued to change MR 1. The practice is used in binders 421-105-001, 421-105-001AC, 421-105-002AC, 421-105-003AC, 421-105-004AC, 421-105-080, 421-105-090, 421-105-100, 421-106-001, 421-106-001AC, 421-106-002AC, 421-106-003AC, 421-106-004AC, 421-106-020, 421-106-030, and 421-106-060.

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

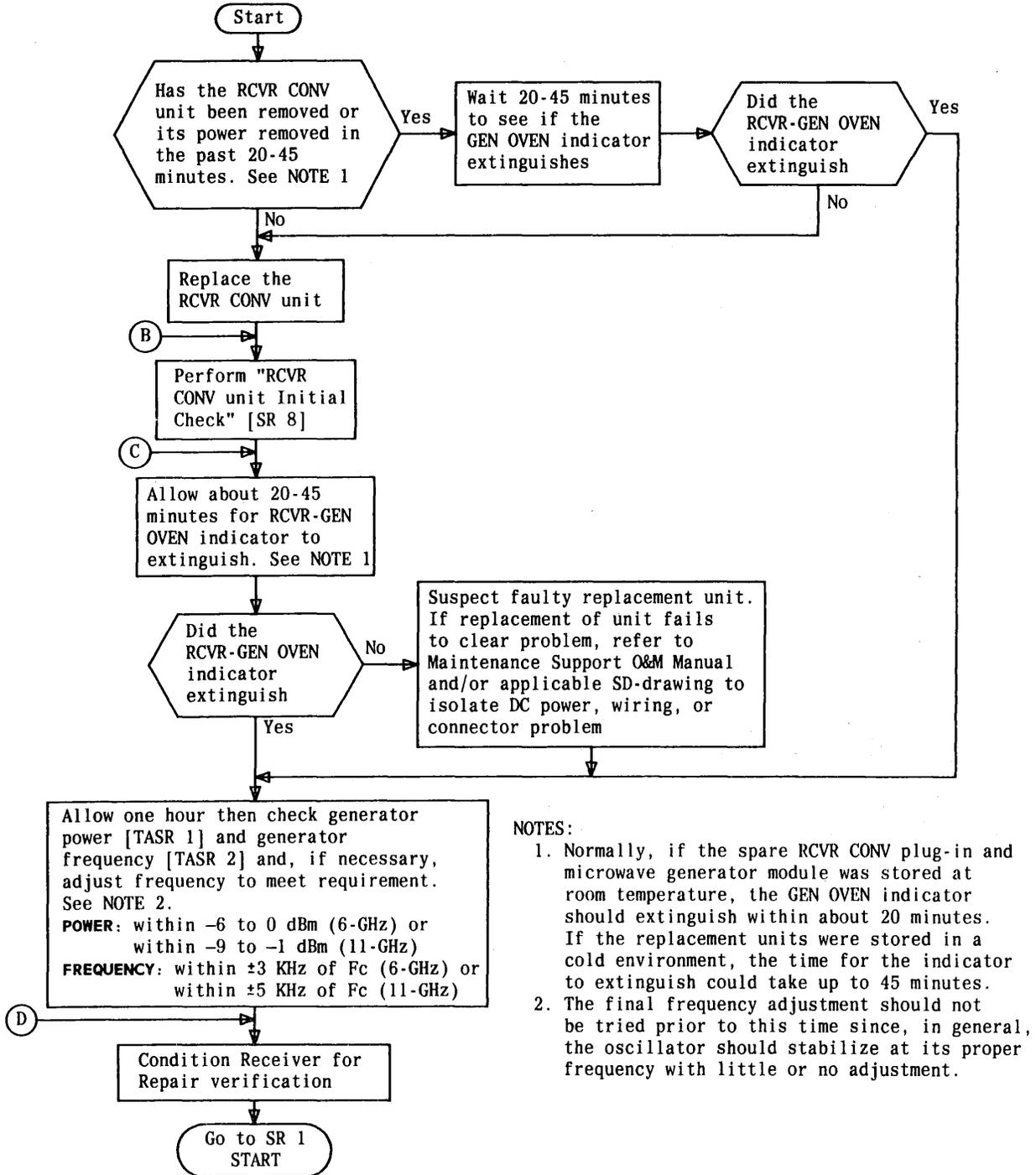
The microwave generator module within the RCVR CONV plug-in unit is powered directly from the -48 V or -24 V input via the backplane connector. When the RCVR CONV unit is replaced with a spare unit, the warm-up time required before the generator oven temperature is stable enough to permit the final frequency adjustment depends on the starting temperature of the spare unit. (See *Notes 1 and 2* in MR 1.)

ISSUING ORGANIZATION

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CAUTION: THIS IS A SERVICE AFFECTING PROCEDURE UNLESS THE PROPER MANUAL SWITCHING OPERATION HAS BEEN PERFORMED

PREREQUISITE: RCVR-GEN OVEN indicator lighted on the radio ALARM/ALARM AND METER unit



MR 1—Radio Generator Oven Alarm-Clearing Diagnosis