

(3) Set meter switch to bias.

(4) Connect multimeter between terminals 9 and 12 on board A2. Adjust loop for a voltage reading of 3.3 volts on multimeter.

(5) Adjust SEND BIAS slowly CW until meter reading switches from full scale to zero.

(6) Reduce loop current until meter switches back to full scale. Voltage on multimeter should be greater than 3 volts. If not, repeat steps 2-5.

Record this action on Record of Correction Made page and adjacent to the correction by inserting this EIB number (836).

R-390A/URR Radio Receiver—Maintenance Hint

The purpose of this article is to simplify alignment of the first variable I.F.

The alignment procedure as explained in TM NAVSHIPS 0967-063-2010 paragraph 6.2.11.2 may go faster if V207 first crystal oscillator is removed during alignment. This assures that the peaking of the circuits will be on the injected frequencies and not accidentally on the oscillator frequency.

COUNTERMEASURES

AN/WLR-6 Countermeasures Receiving Set—Reduction of RFI in Channelizer Sources

The purpose of this article is to alert personnel to a possible source of leakage in the AN/WLR-6 channelizer units.

A source of RF leakage was discovered to be in the waveguide-to-coax adapters. The leakage was caused by bottoming of the four #2-56 screws that hold the coax assembly to the waveguide flange assembly. The bottoming of the screws left enough of a gap to permit leakage. Use of #2 lockwashers under each screwhead will prevent the screws from bottoming, close the gap and prevent the leakage.

It is suggested that personnel having RFI problems in their channelizers investigate this area in their troubleshooting.

DATA SYSTEMS

Field Change 2-C-8086/U, Regulator and Over/Under Voltage Protection; Type I, Class A—Announcement of Availability

Field Change 2-C-8086/U applies to Navy serial numbers A0 through A67 and B1 through B23.

The purpose of this field change is to provide the C-8086/U motor generator controller with an improved voltage regulator and to shut down the PU-655/U motor generator when the voltage exceeds preset limits. Approximately 22 manhours are required to accomplish this field change.

This field change can be identified as being accomplished by the presence of over/under voltage assembly, part number 511-01020-00, and a relay located in the upper righthand side of the controller.

Field change kits containing the necessary publications, items and parts may be requisitioned by submitting a MILSTRIP requisition to NAVSEC, Code 6274.B3 using FSN 5840-HBL-0059.

Additional copies of the field change bulletin may be requisitioned from the Naval Publications and Forms Center, 5801 Tabor Avenue, Philadelphia, Pa. 19120 using stock number NAVSHIPS 0967-303-8930.

Field Change 5-RD-270(V)/UYK; Type I, Class A—Announcement of Availability and Distribution

This field change applies to serials A1 through A68 and C1 through C3. The purpose of this field change is to correct a marginal start and EOR condition, disable setting the 01Q93 time delay under certain write conditions, and eliminates erroneous parity bits when writing XIRG's without data. Approximately four manhours are required to accomplish this field change.

This change can be identified by verifying that continuity exists between 23A3A1A1 J28F pin 15 and 23A3A1A1 J22E pin 5.

A field change kit containing the necessary hardware and a field change bulletin has been distributed by the Naval Ship Engineering Center, Norfolk Division, directly to each ship and shore station having the affected serial numbers.