



SCHEMATIC DIAGRAM MODEL "BERMUDA"

1. All voltage measurements shown are from points to chassis, with a battery terminal voltage 9 volts.
2. All voltage checks should be made with a voltmeter of 10 V. full scale reading and having a total resistance of 250,000 ohm (25,000 ohm/V)
3. When making resistance checks, disconnect battery and observe the polarity of electrolytic condenser, where such appear.
4. Nominal tolerance on components makes possible a variation $\pm 10\%$ in voltage and resistance readings.
5. Avoid operations on the receiver with battery connected. Always re-check total battery current before permanently re-connecting battery. Never reverse the battery polarity.
6. To remove transistors, disconnect battery and free projecting leads of transistor from socket tags. A miniature soldering iron is essential to avoid overheating.

ALIGNMENT INSTRUCTIONS

To Adjust Diode Bias

Clip D.C. Voltmeter (1-3 volts full scale and 10-20,000 ohms per volt) across OA85 and adjust R10 for zero volts.

To align I.F. Amplifier

Fully unmesh variable condenser feed 455Kc/s generator through .1 mfd condenser to base of converter (Q1). Adjust A1, A2 and C20 for max. output. As the adjustment of C20 is critical A1 and A2 may need re-adjustment with change of C20

Adjust RF Trimmer C18 for max. output at 1400Kc/s