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GLA-1000 MODIFICATION FOR 10 METERS

*** WARNING ***

AFTER COMPLETELY REMOVING ALL POWER FROM THE GLA-1000, WAIT 30 MINUTES FOR THE ELECTROLYTICS TO DISCHARGE THRU THE BLEEDER RESISTORS.
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Using the allen wrench supplied with the amplifier, remove the screw on the top of the cabinet near the rear. Also remove all six screws on each side of the unit and remove the top and bottom cover. Remove the (4) tubes and set safely aside.

FOR STEPS 1 THRU 13 - SEE FIGURE #1

1. Remove the screw holding the FL-1 PC board to the 180pF doorknob capacitor. Clip the wire from the ground lug to the PC board.

2. Position the FL-1 PC board upside down and carefully unsolder all the coax connectors. (DO NOT use too much heat, as it will damage the center conductor insulation). Set the PC board aside, as it will not be needed.

3. Follow the RG-174 coax, (one of the two removed in STEP #2 above), which leads up to the antenna changeover relay. Route this thru the hole in the chassis near the back panel.

4. Turn the unit upside down and carefully unsolder the coax connected to the tube socket PC board, (SEE FIGURE #2). Remove this coax completely from the unit. Connect the coax coming from the antenna relay to this point.

*NOTE: BE CERTAIN TO SET HARDWARE ASIDE, AND HAVE AVAILABLE FOR REINSTALLATION OF PARTS.

5. Remove screw holding the 200pF doorknob capacitor to chassis, between the variable capacitors.

6. Carefully unsolder and remove 10 meter and 15 meter taps from the band-switch as shown in FIGURE #3. These are the two taps leading from the secondary tank coil, (#8 gauge buss wire). Carefully bend these upward.

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7. Remove band selector knob with the allen wrench used on the cabinet screws. Being very careful not to scratch the front panel, remove the nut holding the bandswitch to front panel.

8. Carefully slide the bandswitch to the rear by slightly bending the remaining wires on the bandswitch. Only pull the switch out far enough to angle upward and obtain access to the front of the switch.

9. Refering to FIGURE #4, back out the nut far enough to align stops as shown. Retighten nut on switch.

10. Replace switch carefully into front panel. Replace nut and knob.

11. Resolder the taps from the secondary tank coil onto the switch, (refer to FIGURE #3).

12. Replace screw holding 200pF doorknob capacitor to the chassis.

13. Check to insure there are no wires touching each other, or touching ground.

14. Replace the (4) tubes and reassemble cabinet.

THIS COMPLETES YOUR 10 METER
MODIFICATION