

15. Place the VFO bandswitch to the 20/15/11M position.

16. Tune the receiver to 7 Mc and the VFO to 14 Mc.

17. Adjust trimmer C4 for zero beat with the receiver and calibrator.

5-3. This completes the oscillator alignment. Output coils L1 (160M) and L2 (40M) should be adjusted for maximum output after being connected to the stage to be driven. Coil L1 should be peaked to approximately 3.8 Mc and coil L2 should be peaked at 21.225 Mc, with output cable connected to operating transmitter. When adjusting VFO output coils, observe transmitter oscillator plate current for greatest amount of dip when tuned to resonance. Now with transmitter properly tuned, and in operation with the VFO, coils L1 or L2 may be peaked for maximum output while observing Final Grid meter of transmitter for maximum current.

5-4. Install the VFO in the cabinet then secure the panel and the chassis rear apron to the cabinet using three #6x1/4" self-tapping screws.