

- a. Set controls of 399C-1 as follows: VFO selector to REC 2 - XMIT 2, FUNCTION selector to NORM.
- b. Set controls of KWM-2 as follows: BAND switch to 3.6, EXCITER TUNING to approximately 1.9 on logging scale, EMISSION switch to LSB, and OFF-ON-NB-CAL switch to CAL position. Tune dial near 100 until calibrate signal is zero beat. Do not touch dial for following procedure.
- c. Switch to USB, and adjust trimmer C308 (top of vfo can in 399C-1) for zero beat.

## 6.1 SPECIFICATIONS.

Frequency Range . . . 2.5 to 2.7 mc.

### Calibration Accuracy. . 1 kc.

Drift . . . . . Not more than 100 cps after  
warmup.

Dial Backlash . . . . . Less than 50 cps.

Power . . . . . Supplied by KWM-2  
Transceiver.

Speaker voice coil  
impedance . . . . . 4 ohms.

### Male and diagnostoic to 1

Make no adjustments to the 70K-2 oscillator except the above frequency shift adjustment.

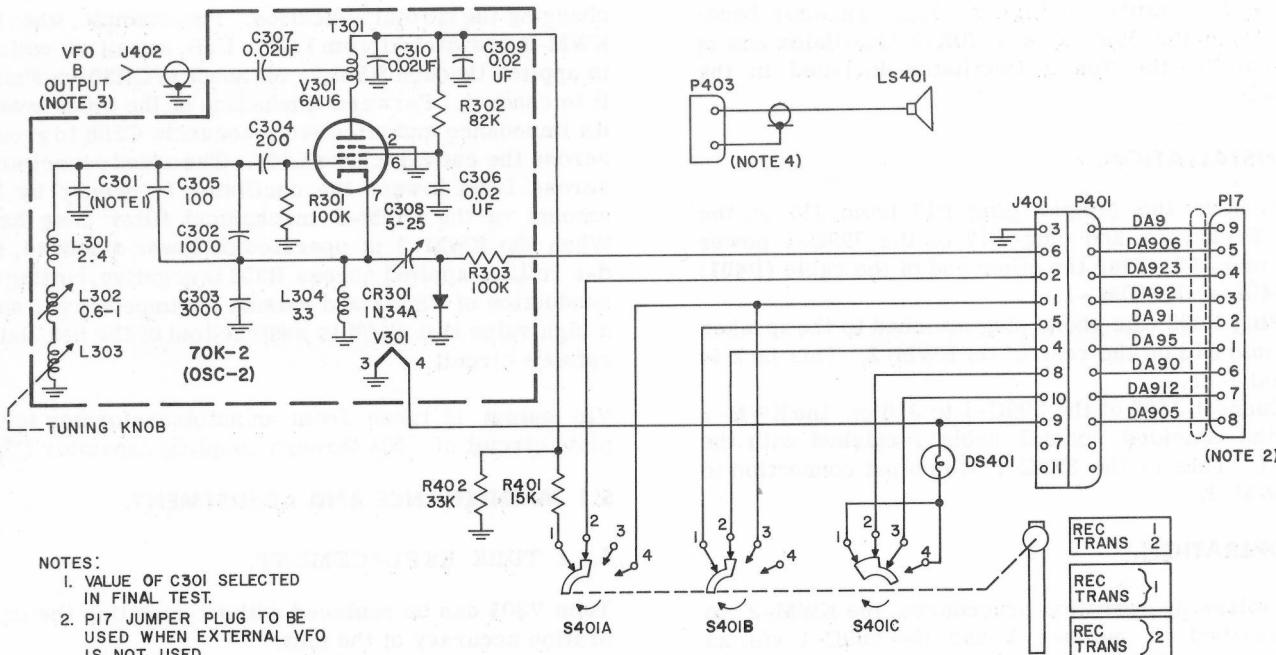


Figure 1. 399C-1 External VFO Unit, Schematic Diagram

C539-01-4