

HQ-100A Addenda

Due to the minor changes in the circuit and operation of the HQ-100 series receiver, we have postponed the printing of the HQ-100A manual. We feel this addenda, with the HQ-100 manual, is straight forward as to the receiver's operation. This addenda follows;

The HQ-100A differs from the HQ-100 only in that it incorporates a separate built-in B.F.O. rather than using the Q-multiplier in the self-oscillating state as was previously done. This therefore, allows independent control of both the B.F.O. and Q-multiplier circuits for improved operation on CW and single sideband.

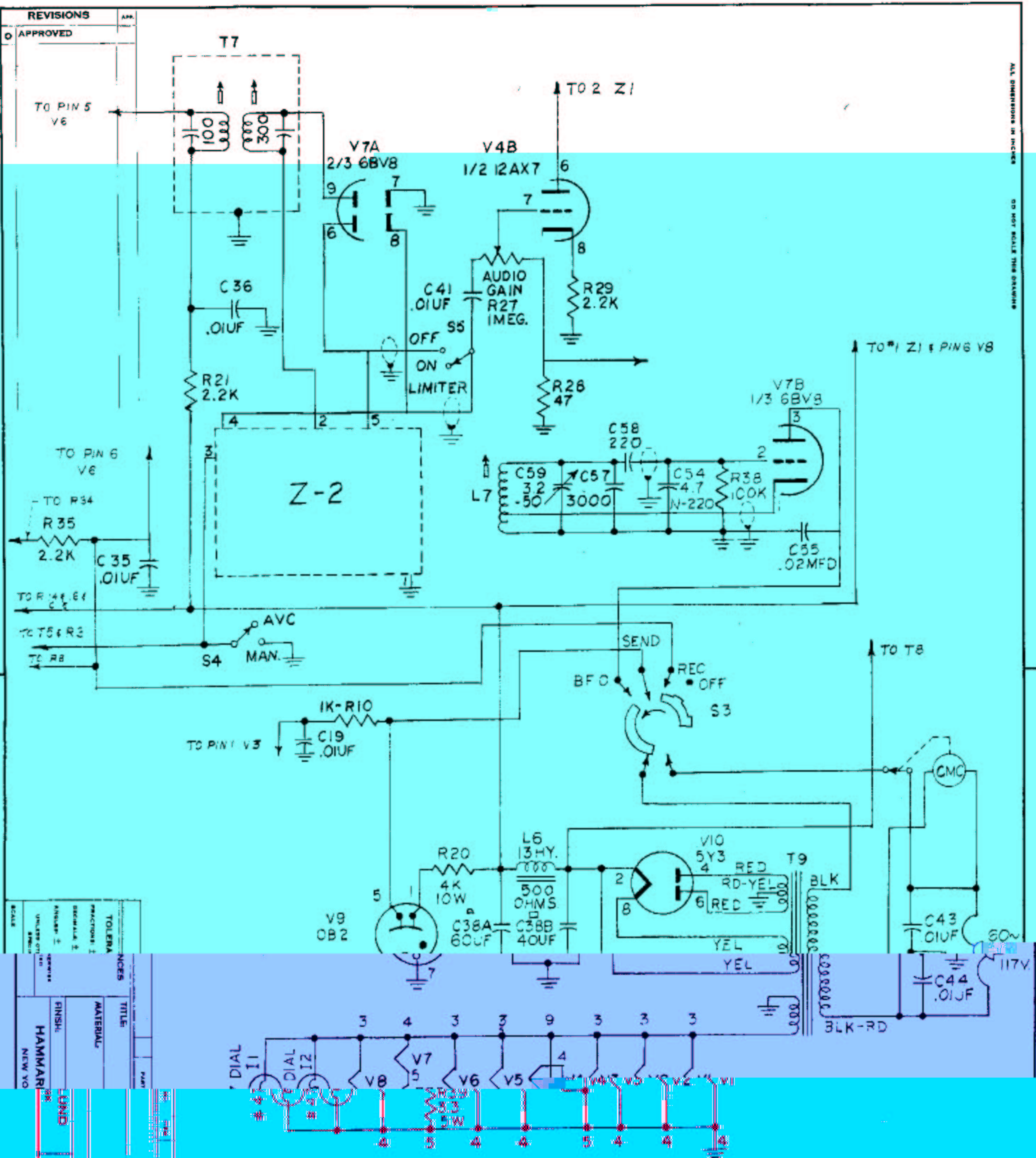
Referring to the manual supplied, fig.5 "Location of Control", the following changes should be realized.

The positions of the function switch (#2) are now, OFF-REC-SEND-BFO. In order to activate the B.F.O. for CW or single sideband reception, this function switch should be placed on B.F.O.

Located between the main and bandspread tuning dial scales (14 and 15) is the new B.F.O. pitch control. With the function switch on B.F.O., as outlined in the above paragraph, this B.F.O. pitch control can be adjusted to produce the desired tone on CW signals, or as a vernier tuning adjustment for single sideband.

The selectivity control #11 has been altered. At the extreme counterclockwise position of this control, the Q-multiplier is turned off.

ALL DIMENSIONS IN INCHES
DO NOT SCALE THIS DRAWING



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