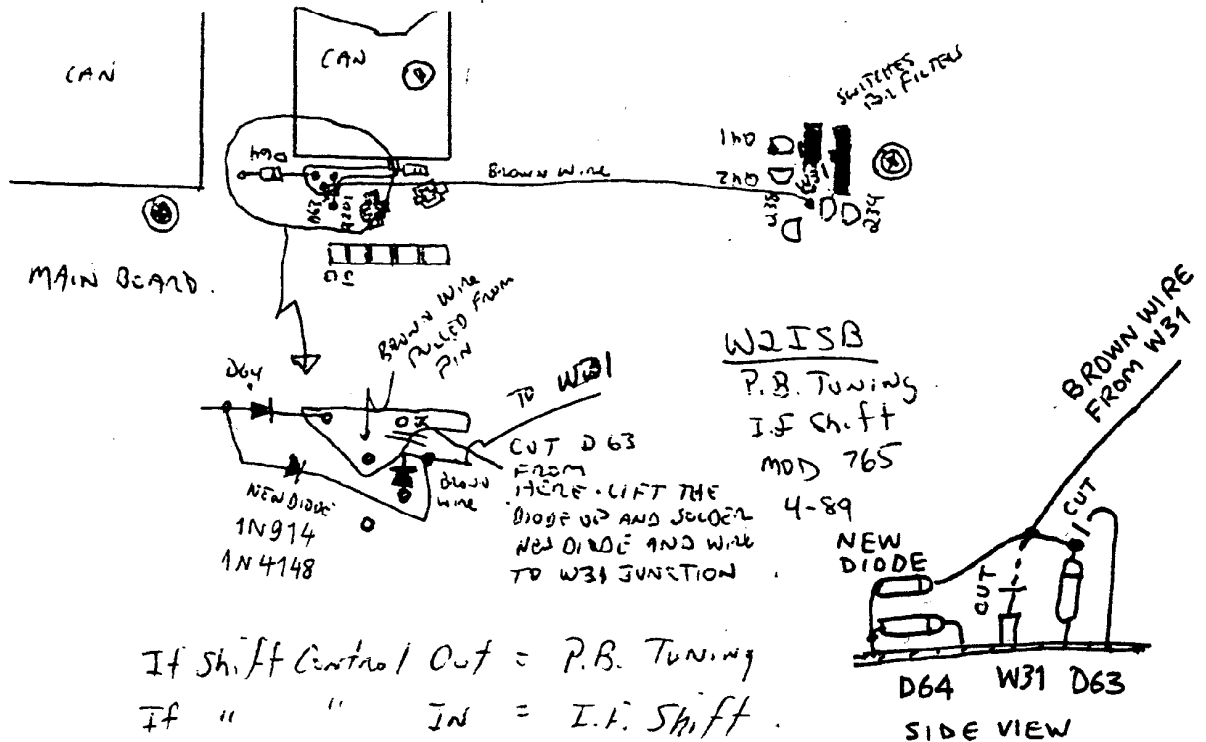


# ICOM IC-765 Passband Tuning/Out of Band Transmit Mods



If Shift Control Out = P.B. Tuning

If " " IN = I.F. Shift

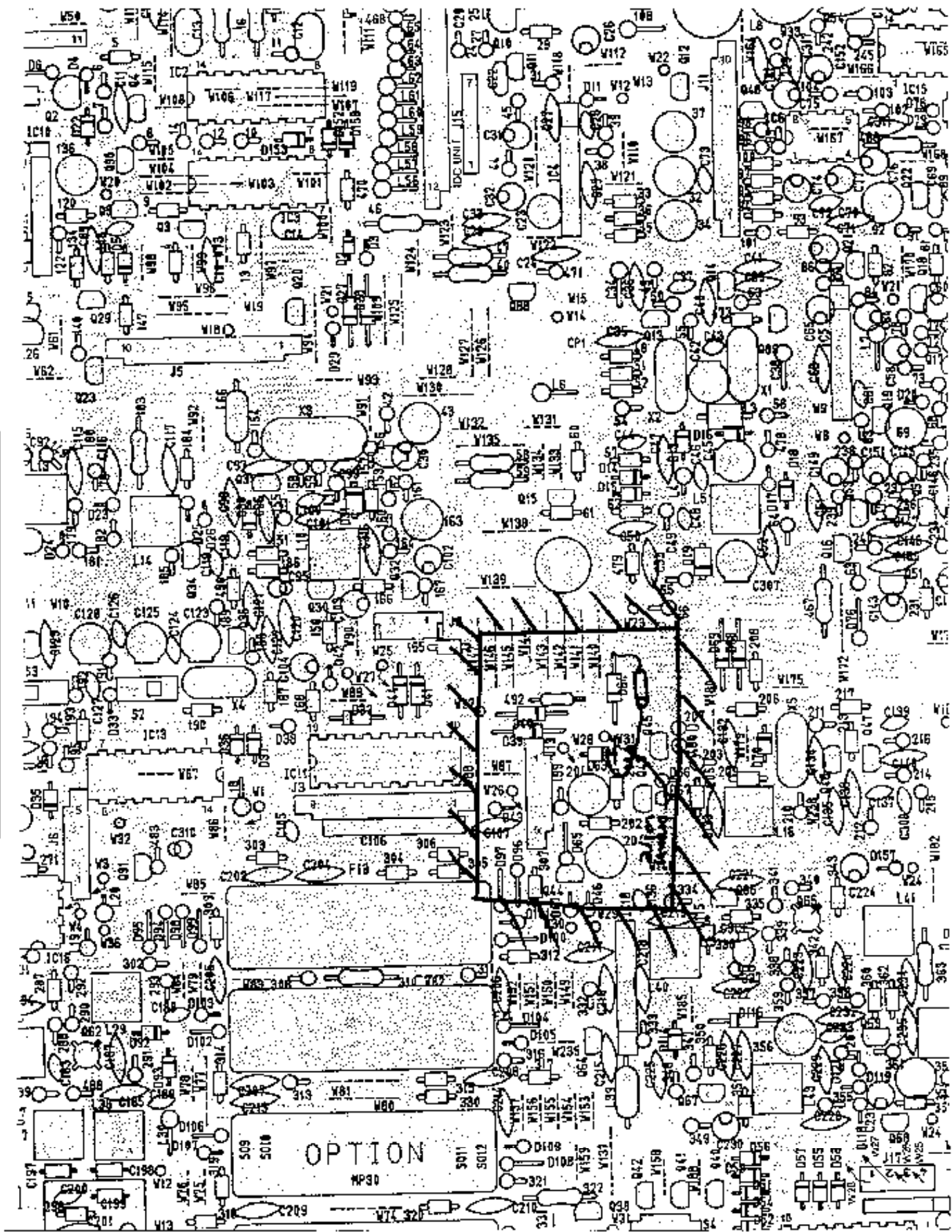
(THE DIFFERENCE IS AMAZING! IN THE I.F. SHIFT MODE YOU ARE COMPLETELY BYPASSING YOUR 9.0 MEG FILTERING!)

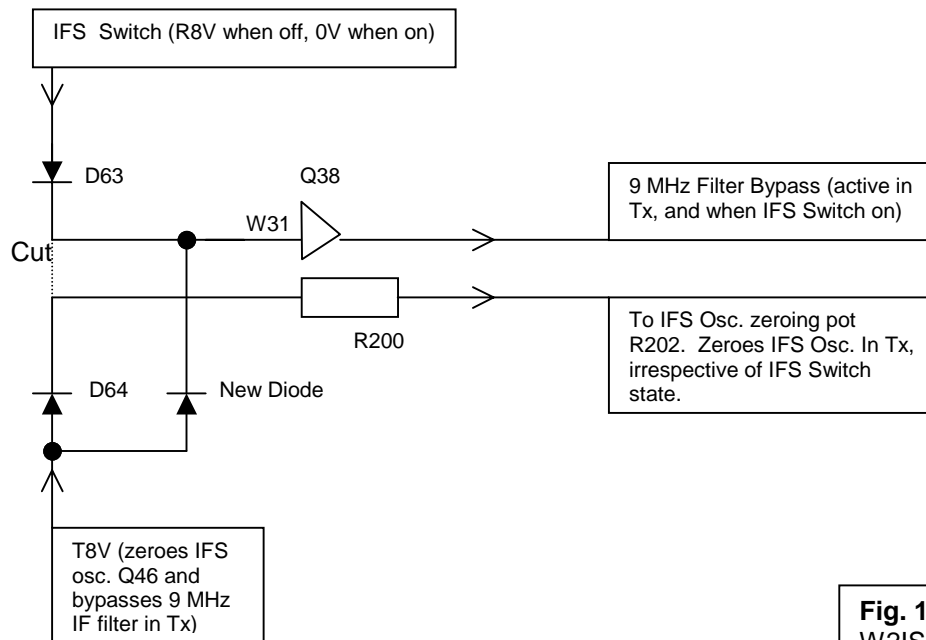
## IC-765 OUT of band transmit & tuner mod.

W2ISB

6-2-89

- 1) Remove all power and leads
- 2) Remove top and bottom covers
- 3) From bottom side look in at the matrix board which is next to the front panel
- 4) Find Diodes D50, D51, D52, D53, D54, D55
- 5) Cut one leg of D53
- 6) REVERSE STEPS 2 AND 1. Power up AND TRY TO STAY LEGAL!





**Fig. 1.** Electrical schematic of the W2ISB Passband Tuning Modification for the Icom IC-765

**Note 1:** Brown wire W31 was moved from the junction of D63 & D64 cathodes to the junction of D63 and New Diode cathodes.

**Note 2:** In Rx mode, IFSC line from front-panel IF SHIFT pot (R401, NOTCH UNIT) controls frequency of IFS Osc. (Q46, MAIN UNIT) irrespective of IFS Switch state.

**Note 3:** IFS Switch (S38, MATRIX UNIT) only bypasses 9 MHz filter when ON.

A. Farson AB4OJ/VA7OJ Oct. 3, 1999