

1.3

2.2 ohm 1W resistor added in series with V18 filament regulator line per National FSN 31

Pin 8 of V18 filament regulator socket grounded to accommodate solid state regulator
AVC line to pin 3 of NBFM socket lifted to accommodate product detector
Coax from plate of V11 to pin 3 of NBFM socket added to accommodate product detector in that socket

Coax from plate of V11 to pin 3 of NBFM socket added to accommodate product detector in that socket

Mode switch rewired to accommodate product detector in NFM position

Coax from T8 to V12 rerouted through Mode switch to allow Select O Ject to function with product detector

0.22 uF capacitor added to AVC line to slow release of AVC more appropriate for SSB.\*

Plates of V10B and V13 rewired to unswitched B+ line to eliminate speaker "thump" when B+ line is switched

455 KC IF tap added to input of crystal filter, terminated to the "Phono" rear panel RCA jack for use with Q multiplier and/or panoramic display

Collins 353A mechanical filter adapter installed in place of V6

Solid state filament regular installed in V18

Noise limiter modified to accommodate installed product detector

HRO-60 s/n 345-1003 Radio Receiver Schematic Diagram as Wired and Modified Revised by L. Craner, WB6SSW Dec 2011