

MODIFICATIONS & ADDITIONS TO ORIGINAL DIAGRAM ARE HIGHLIGHTED.

- S METER SET UP:  
 1. DISCONNECT AERIAL & SHORT CIRCUIT TERMINALS ON TB1.  
 2. CONNECT AC VOLTMETER ACROSS LS & WITH AF GAIN SET TO MAXIMUM ADJUST RF GAIN FOR 0.5V.  
 3. ADJUST R21 UNTIL S METER POINTER SHOWS ON EXTREME LEFT OF SCALE.

V1  
6SG7  
1st RF

V2  
6SG7  
2nd RF

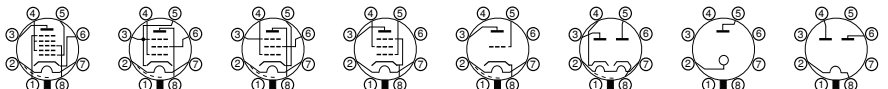
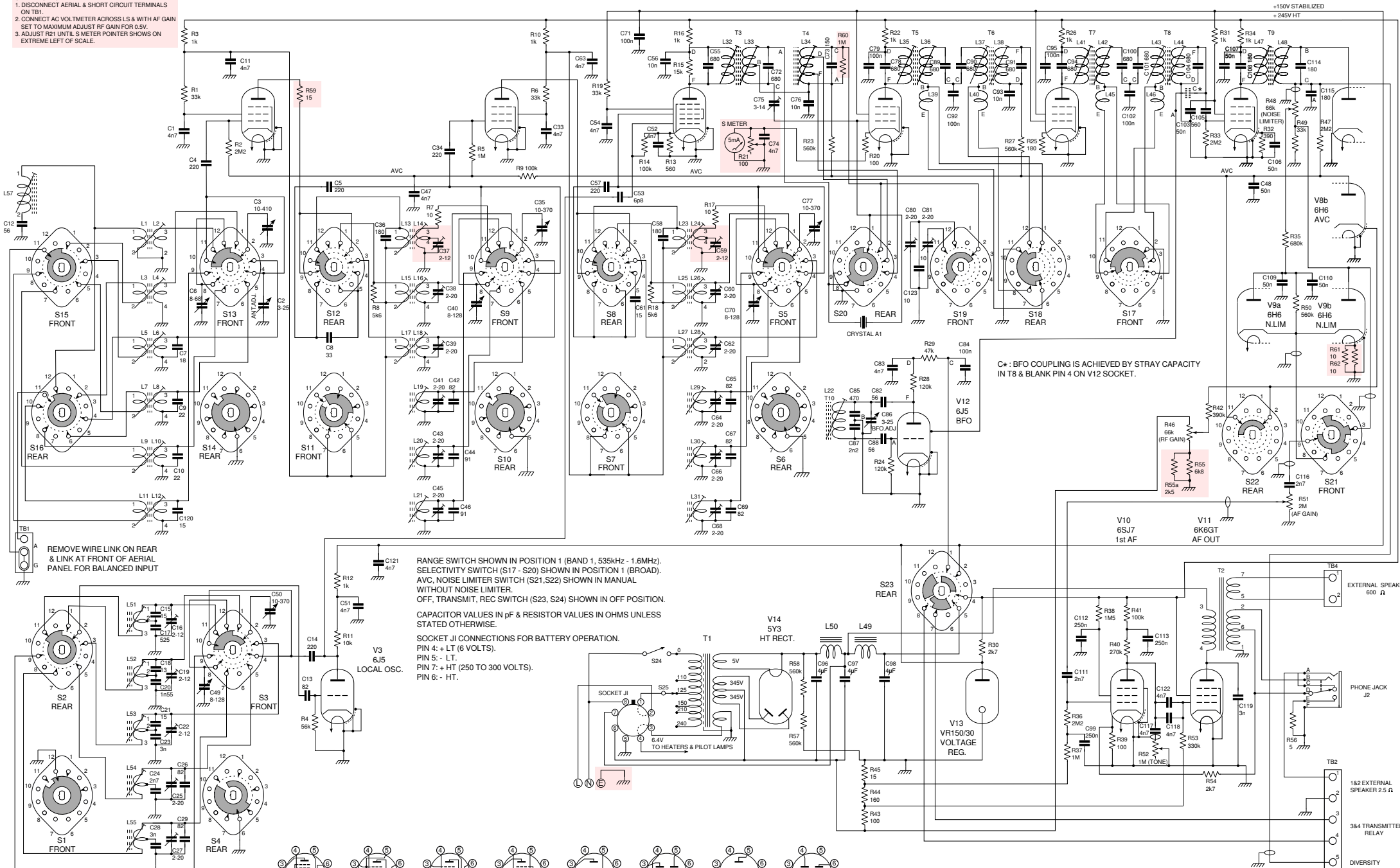
V4  
6SA7  
MIXER

V5  
6SG7  
1st IF

V6  
6SG7  
2nd IF

V7  
6SG7  
3rd IF

V8a  
6H6  
DEMOD



REMOVE WIRE LINK ON REAR & LINK AT FRONT OF AERIAL PANEL FOR BALANCED INPUT

RANGE SWITCH SHOWN IN POSITION 1 (BAND 1, 535kHz - 1.6MHz).  
 SELECTIVITY SWITCH (S17 - S20) SHOWN IN POSITION 1 (BROAD).  
 AVC, NOISE LIMITER SWITCH (S21, S22) SHOWN IN MANUAL WITHOUT NOISE LIMITER.  
 OFF, TRANSMIT, REC SWITCH (S23, S24) SHOWN IN OFF POSITION.  
 CAPACITOR VALUES IN pF & RESISTOR VALUES IN OHMS UNLESS STATED OTHERWISE.

SOCKET J1 CONNECTIONS FOR BATTERY OPERATION.  
 PIN 4: + LT (6 VOLTS).  
 PIN 5: - LT.  
 PIN 7: + HT (250 TO 300 VOLTS).  
 PIN 6: - HT.

C\* : BFO COUPLING IS ACHIEVED BY STRAY CAPACITY IN T8 & BLANK PIN 4 ON V12 SOCKET.

RCA AR88D RECEIVER CIRCUIT (SCHEMATIC) DIAGRAM  
 REDRAWN BY PETER E LAWSON, 3rd JANUARY 2011. (E&OE).  
 TEXT ERROR CORRECTED 20.02.2020