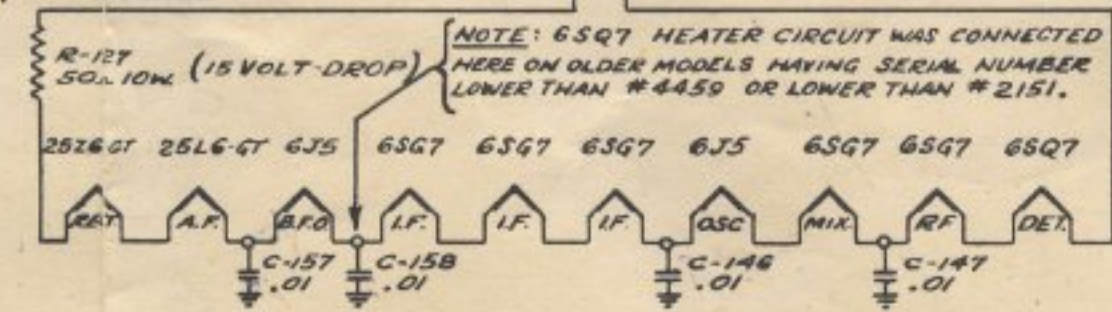


BAND	FREQ. RANGE
1	85 KC - 220 KC.
2	210 KC - 550 KC.
3	1.5 MC - 5.4 MC.
4	5.2 MC - 12 MC.
5	11.5 MC - 25 MC.

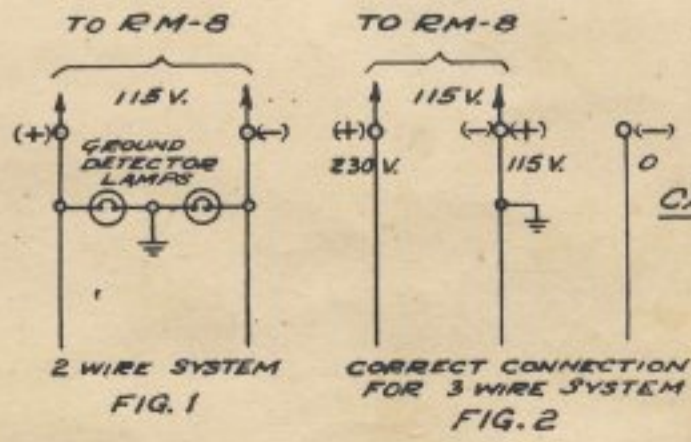
**NOTE:** ALL WAFERS VIEWED FROM FRONT (KNOB) END OF SWITCH. SWITCH SHOWN ON POSITION 1 - MAX. C.C.W. ROTATION. FIVE POSITIONS - 60° PER POSITION. (ROTOR ARM ADVANCES TWO CONTACTS PER POSITION.)  
 ⊕ ⊖ REPRESENTS TERMINALS WITH CONTACTS ON BOTH SIDES OF WAFER. FRONT ROTORS SHOWN SOLID. REAR ROTORS SHOWN DOTTED.  
**VOLTAGE DATA:**  
 \* DENOTES MEASUREMENT BY "VOLTOHMYST". ALL OTHER D.C. VOLTAGES READ ON 1000 OHM/VOLT METER. MAX. R.F. GAIN - A.V.C. OFF - NO SIGNAL.

**NOTE:** S-106 ON SOME RECEIVERS IS SEPARATE SWITCH NOT GANGED TO R-111.

ALL VOLTAGES ARE WITH RESPECT TO THIS ZERO POINT.



**CAUTION:** WHEN INSTALLING RECEIVER ON 115 V.D.C. SUPPLY, CONNECT AS SHOWN IN FIG-1, OR FIG-2. DO NOT CONNECT TO A LINE HAVING THE POSITIVE SIDE GROUND.



**CIRCUIT DIAGRAM**  
**AR-8506-B RADIO RECEIVER**

**RADIOMARINE CORP. OF AMERICA**

ENGINEERING DEPT.	DRAWN - B.S. TRACED - J.J. CHECKED W.E.B. APPROVED J.E.S.
NEW YORK	T-1198 Sub. 19 Date 11-28-42.

NO.	DESCRIPTION	DATE	BY
19	REVISED SO THAT DWG. & ACTUAL REC'R AGREE	8-28-50	M.R.
18	NEW TRACING MADE	8-21-48	J.E.S.
SUB	DESCRIPTION	DATE	BY