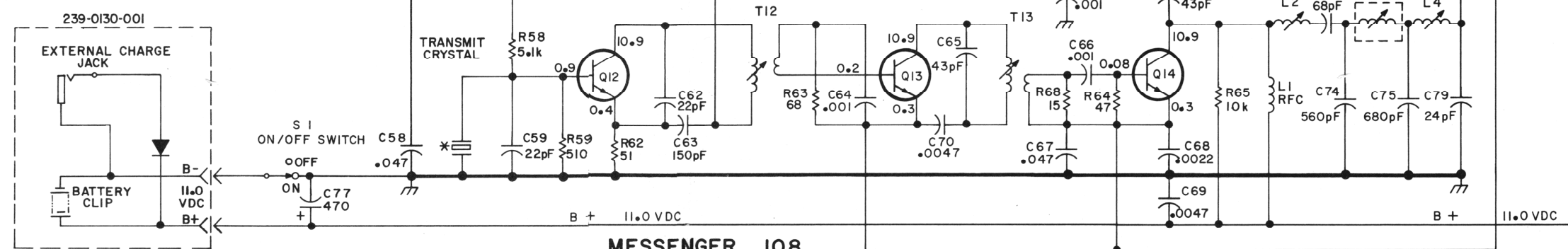


NOTES:

1. ALL CAPACITANCE VALUES ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
2. RESISTANCE VALUES ARE IN OHMS.
3. VOLTAGES MEASURED WITH VOLUME CONTROL AT MAXIMUM (CW), SQUELCH AT MINIMUM (CCW); 50 OHM DUMMY LOAD CONNECTED TO JUNCTION OF L4 AND C79; POWER SUPPLY AT 11.0 VDC. ALL VOLTAGES MEASURED WITH H.P. 410 C.
4. VOLTAGES REFERENCED TO B- GROUND.
5. POWER INPUT TO Q14 =  $V_c E \times I_c = 10.7 \times .140 = 1.5$  WATTS MAXIMUM.
6. \* (SELECTED VALUE).



**MESSENGER 108  
SCHEMATIC DIAGRAM**

025-0855-001  
MODEL 242-108  
FOR UNITS WITH "A" MODEL DESIGNATOR  
ON SERIAL NUMBER STICKER

