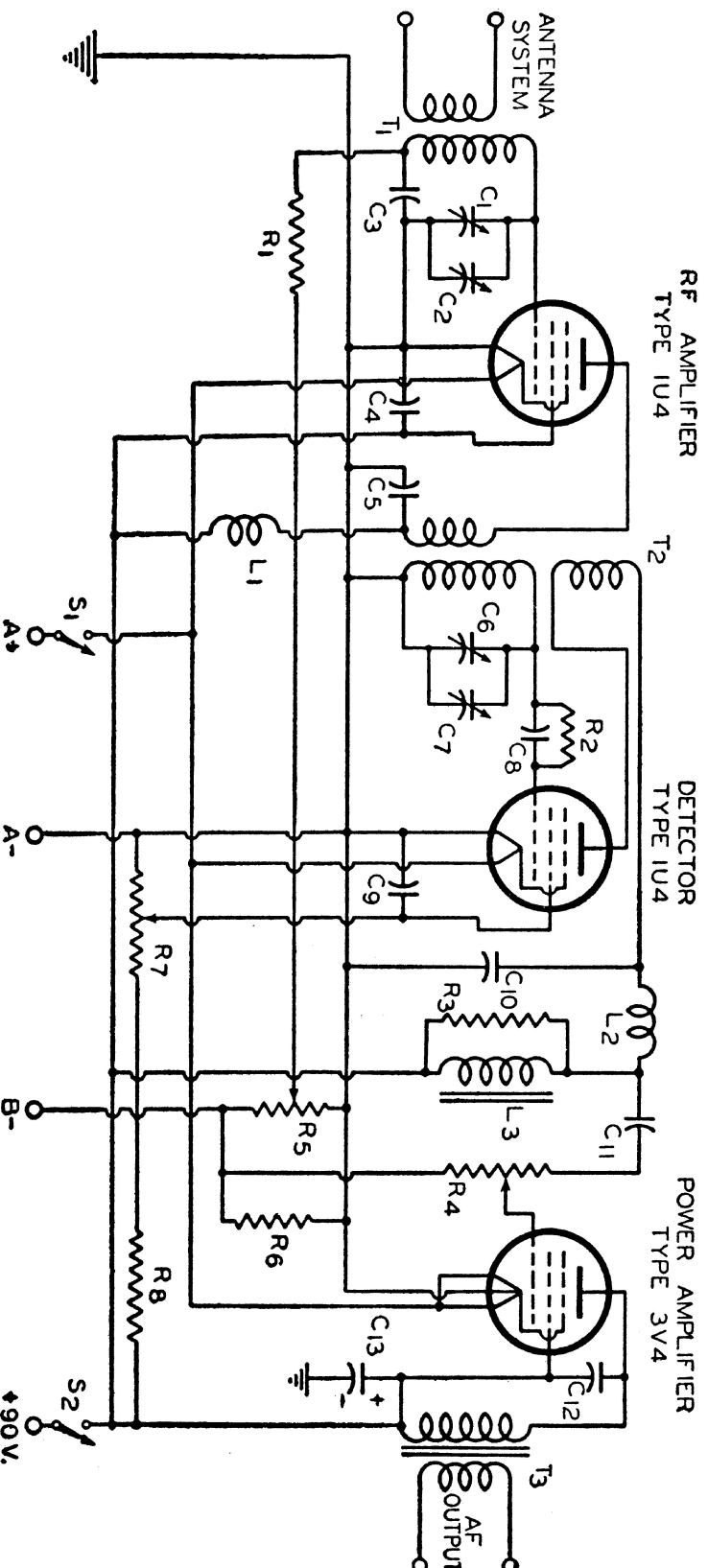


BATTERY-OPERATED SHORT-WAVE RECEIVER

1.4-Volt Types



C_1 C_6 = Midget tuning capacitors, 140 μmf
 C_2 C_7 = 35 μmf
 C_3 C_4 C_5 C_{11} = 0.05 μf
 C_8 C_{10} = 0.00025 μf
 C_9 = 1 μf
 C_{12} = 0.002 μf
 C_{13} = 8 μf , electrolytic, 100 v.
 L_1 L_2 = RF chokes, 8 mh.
 L_3 = AF choke, 300-500 h.

R_1 = 100000 ohms, 0.5 watt
 R_2 = 2 - 5 megohms, 0.5 watt
 R_3 = 0.25 megohm, 0.5 watt
 R_4 = Volume control, potentiometer, 0.5 megohm
 R_5 R_7 = Potentiometers, 50000 ohms
 R_6 = 470 ohms, 0.5 watt
 R_8 = 30000 ohms, 0.5 watt
 S_1 S_2 = Ganged switch, double-pole, single-throw

T_1 = RF coil of the 4-prong, 2-winding, plug-in type for use with 140- μmf tuning capacitor
 T_2 = Regenerative detector coil of the 6-prong, 3-winding, plug-in type for use with 140- μmf tuning capacitor
 T_3 = Output transformer for matching impedance of voice coil to 9000-ohm tube load