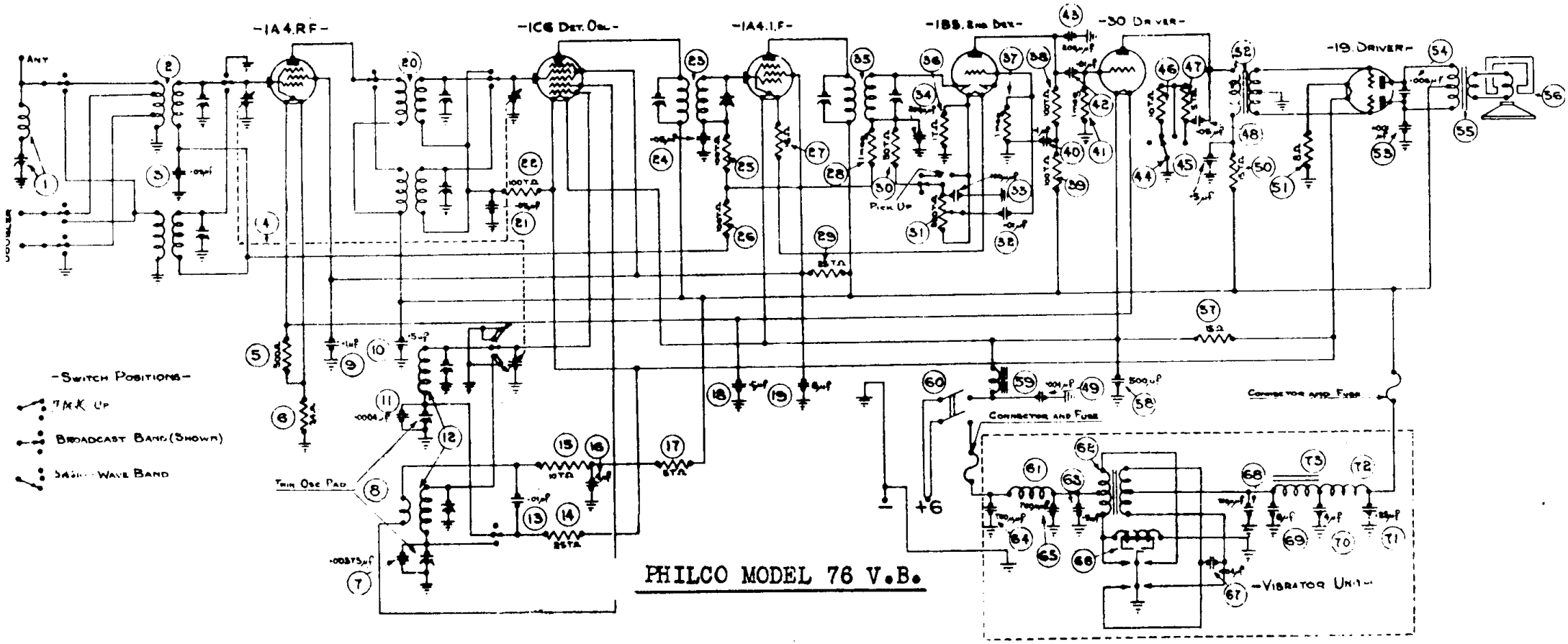

TYPE CIRCUIT: 6 valve Dual wave vibrator type battery set using A.V.C. and "B class" output.

VALVES USED: 1 type 1A4 R.F. 1 type 1C6 Detector Oscillator. 1 type 1A4 I.F. 1 type 1B5 2nd Detector 1st Audio. 1 type 30 Driver. 1 type 19 "B" class" output.

BATTERY USED: 1 6 volt 120 ampere hour capacity heavy duty.

COVERAGE OF EACH BAND:
1. 530 to 1750 K.C.
2. 5.7 to 18 M.C.

PROGRAM CONTROL: 4 position switch type.

INTERMEDIATE FREQUENCY: 460 K.C.

VALVE SOCKET VOLTAGES
Measured to Ground

VALVE	1A4 R.F.	1C6 Det. Osc.	1A4 I.F.	1B5 2nd. Det.	30 Driver	19 Output
"						
"						
Plate	140	140	140	60	95	130
S.G.	50	50	50	-	-	-

Oscillator Plate G2= 85v.

Voltage across each filament is 2v.
" " " pilot lamp is 3v.

Total drain of the receiver on a fully charged 6v battery is 1.25 amps.

The above voltages were measured with a 1,000 ohms-per-volt meter using 250v scale.

Amps. measured on 10 amp. scale.