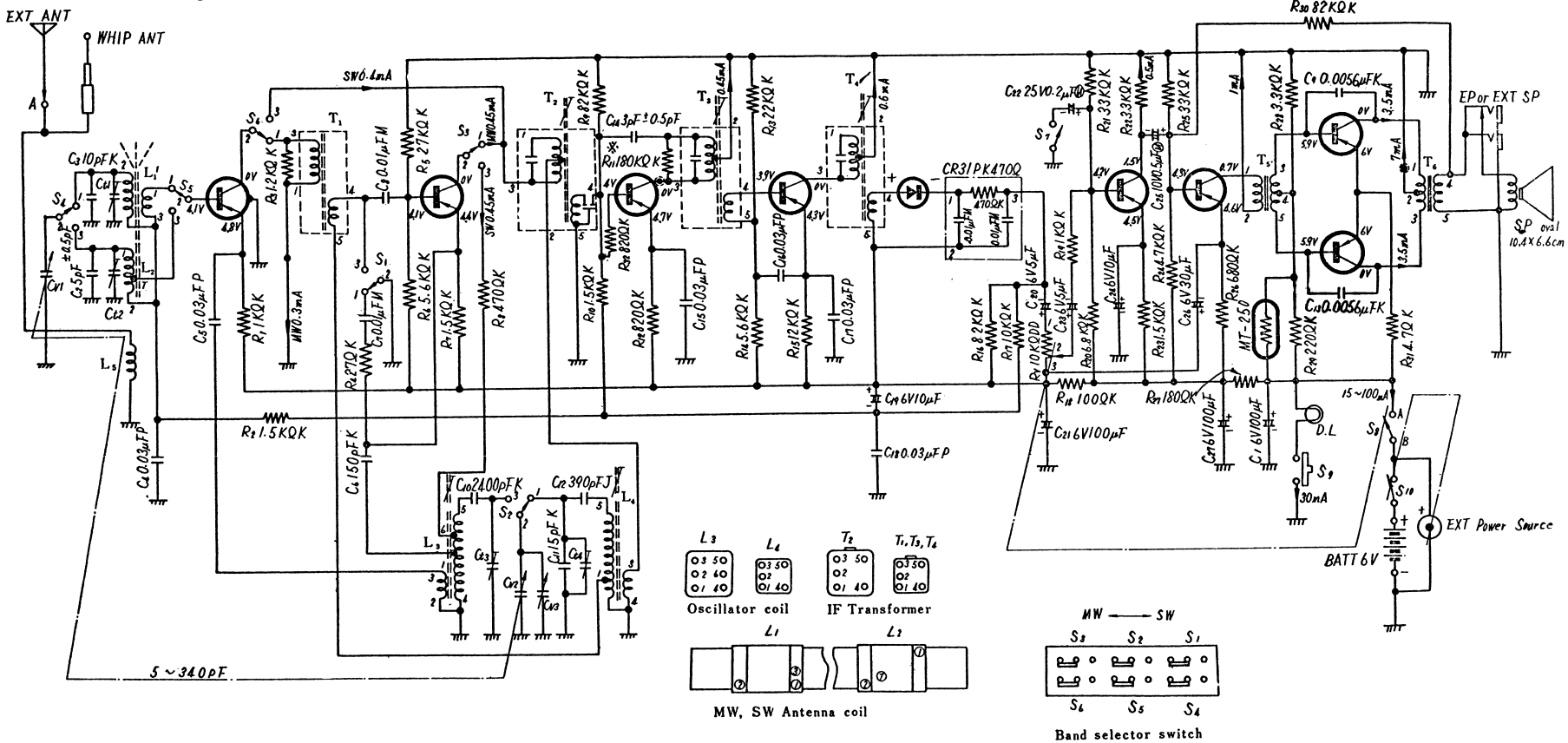
NATIONAL MODEL R-804

TR_1	TR_2	TR_3	TR_4	D_1	TR_5	TR_6	TR_7, TR_8
2SA70	2SA103	2SA101	2SA101	0A70	2SB345	2SB175	2SB176×2
MW RF Amp. SW Mixer	MW Conv. SW Local Osc.	1st IF Amp.	2nd IF Amp.	Det. & AGC	1st AF Amp.	2nd AF Amp.	Output



Note:

1. $S_1 \sim S_9$: Band selector switch in "MW" position.
2. S_7 : Tone switch in "HIGH" position
3. S_9 : Dial light switch in "OFF" position.
4. Voltage measurements are under no signal conditions taken with a 10KΩ/Volt voltmeter and are Positive with respect to ground.
5. Capital letters (J, K, M, P) in the circuit diagram show allowable deviation of resistors and capacitors of follows.
   J = ±5% K = ±10% M = ±20% P = +100% − 0%
6. Battery current — No signal 16m; Maximum output 100m
7. The resistor dotted in the diagram are the standard values whic may be variable according to the characteristics of trasisto R_{11} = 82KΩ, 120KΩ, 270KΩ
8. ◉ Mark.....Collector current check point.
9. PF = pico farad = mmf
   μF = micro farad = MF