**Schematic Diagram**

**Frequency Range:**
- MW: 540~1600 KC (560~187.5 m)
- SW: 7~18 MC (43~16.6 m)

**Intermediate Frequency:** 455 KC

**Sensitivity:**
- MW: 100 \(\mu\)V/m/10 mW
- SW: 100 \(\mu\)V/m/10 mW

**Power Output:**
- MW: 150 mW undistorted
- 250 mW maximum

**Batteries:** 4 No. 2 flashlight cells

(NATIONAL UM-2 or equivalents)

1.5 V \(\times\) 4 = 6V

**GNMMENT PROCEDURE**

Output Meter across speaker voice coil.
- Signal Generator output always to maintain 0.5 volt on Output Meter if overload of the receiver.
- Signal Generator at 1000 c/s and connect the earth lead wire of Signal generator output to Radiator Loop Coil.
- Radio receiver 60 cm away from Radiator Loop Coil.

Note: Band Selection Switch now at MW position
NATIONAL MODEL T-28T REVISED

SCHEMATIC DIAGRAM

Model T-28T

RF
2SA103

TB
Mixer
2SA102

1st IP
2SA101

2nd IP
2SA101

2nd Det.
OA70

3rd IP
2SB171

1st AP
2SB171

2nd AP
2SB171

3rd AP
2SB172x2

Output

EXT ANT.
100 ANT.

Notes:
Band selection switch (S1~S2) is now positioned at MW.
For SW1 and SW2 receptions, please turn the selection switch in the direction of arrow marks.

Ls...........9~12 mA (no signal)
Ls...........80~100 mA (maximum)
PRINTED CIRCUIT BOARD

NATIONAL MODEL T-28T REVISED