

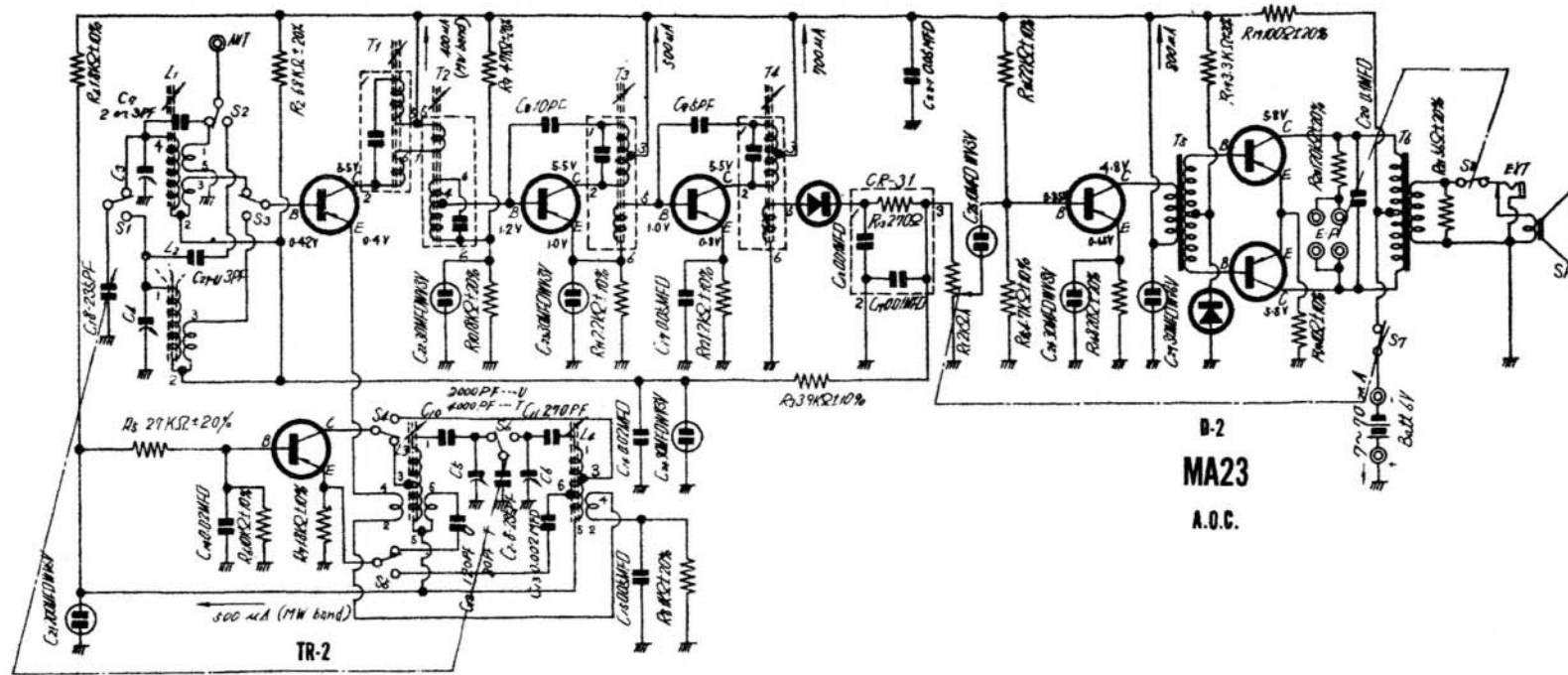
NATIONAL MODEL AB-175 UorT

TR-1
OC44 / MC101
MIXER

TR-3 TR-4 D-1
OC45 OC45 OA70
1ST IF AMP. 2ND IF AMP. DET. & A.G.C.

TR-5
OC71
AF AMP.

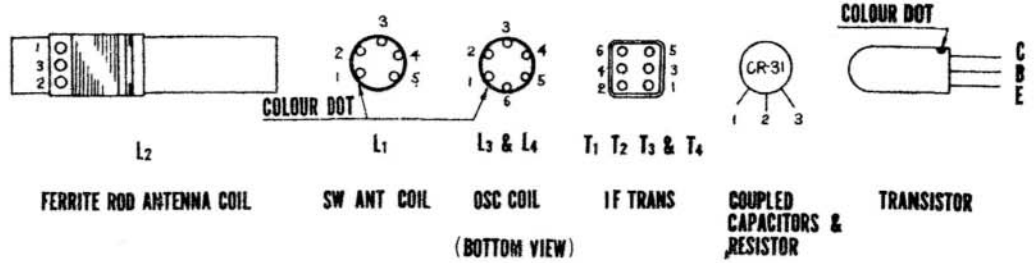
TR-6 & TR-7
20C72
OUTPUT



OC44 / MC101
LOCAL OSC

Notes:

- Measurements of voltage and current should be made at minimum volume and at no signal.
- Voltages indicated in the schematic diagram are given as standard values measured by Vacuum-tube Volt Meter. When 1 K Ω / 1 V Tester is used for voltage measurement, please note that you will get lower values (-0.1 V on Collector, -0.2 V on Base and -0.1 V on Emitter respectively) than the abovementioned standard values obtained by Vacuum-tube Volt Meter.
- Please make your current measurement within the range of 1 mA. Collector current of both transistors TR-1 (Ic1), TR-2 (Ic2) and TR-3 (Ic3) are to be measured at the points, as illustrated on the printed circuit board removing solder on them. Those of other transistors can be measured by means of cutting the printed copper on the board.
- Values of resistors R₂ (68K Ω), R₅ (27K Ω), R₆ (47K Ω) and R₁₇ (3.3K Ω) given in the schematic diagram may be variable according to radio receivers.



FERRITE ROD ANTENNA COIL

SW ANT COIL

OSC COIL

IF TRANS

COUPLED CAPACITORS & RESISTOR

TRANSISTOR

(BOTTOM VIEW)