

CW Tube Transmitter for 40 and 80- meter Band

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The schematic (in different variations) was very popular in ex-USSR. There is possible use any powerful tetrode for the rig.

(**Note from I.G.:** I also used such rig in 70s- 80s years. The rig works fine. I used pentode 6P15P, 6P14P, 6P3S at the transmitter)

Parts List.

Bulb at quartz resonator is protection resistor. It may not use at QRP-TX (NEAR 5-Wtt). The bulb is 6.3-V- 50-mA.

Bulb at antenna circuit: 3.5v- 0.15...0.5-A. Amperage depends on antenna impedance.

L: 30 turns, wire 0.9- mm (AWG-19), coiled with small gap between turns, tap from the middle, diameter 40- mm.

RFC1: About 150-microH.

RFC2: About 100-microH.

RFC3: 20 turns on resistor 1-Wtt. Wire 0.2-mm (AWG-35)

