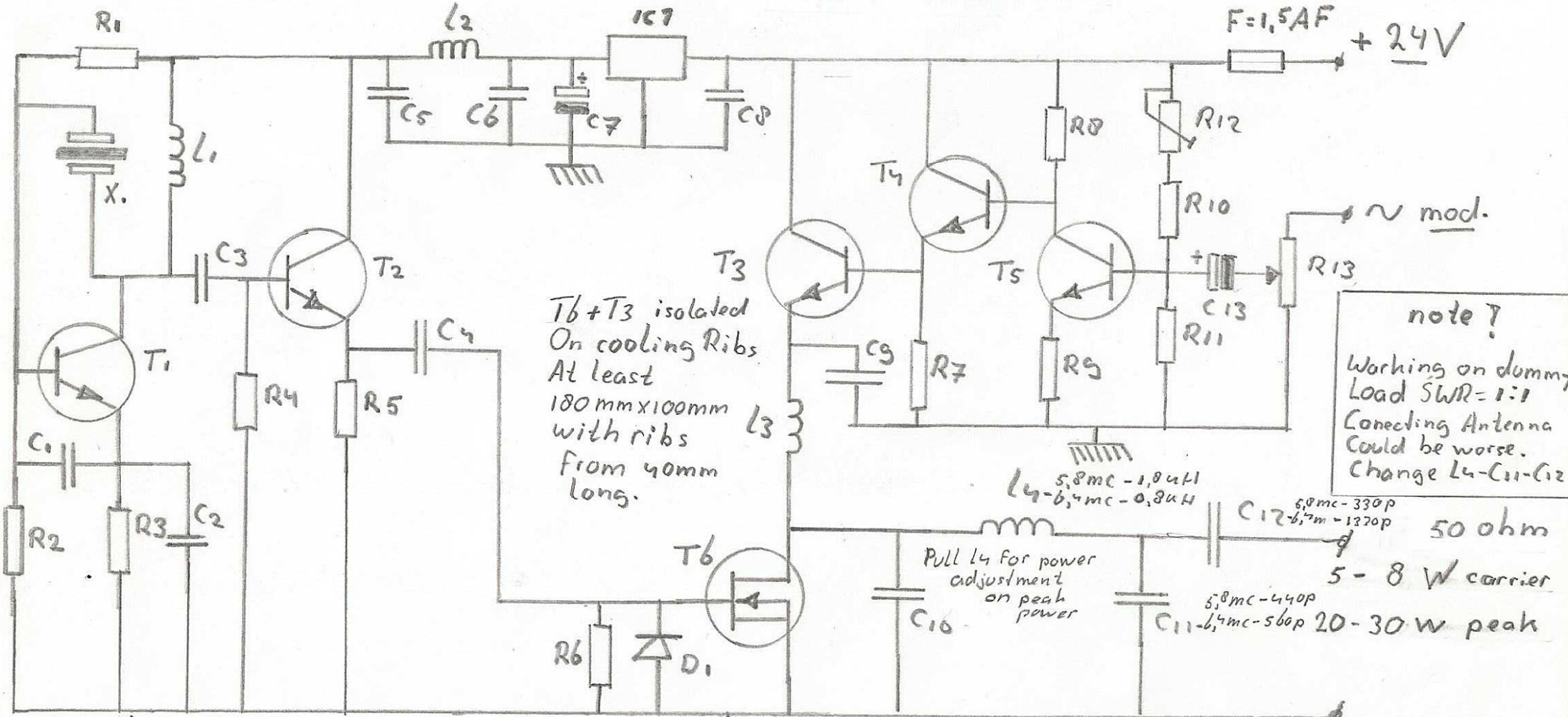
QRP - AM Transmitter 3,5 ... 8 Mhz + series modulator

tested Operator: Frank Free Radio Victoria



R1 = 15K
R2 = 2K2
R3 = 82 Ω
R4 = 1k2
R5 = 100 Ω
R6 = 1k
R7 = 1k5

R8 = 1k
R9 = 100 Ω
R10 = 220 Ω
R11 = 1K
R12 = 47k
R13 = 47k

C1 = 330p
C2 = 10N
C3 = 390p
C4 = 10N
C5 = 100N
C6 = 100N
C7 = 1uF/16V

C8 = 100N
C9 = 100N
C10 = 470p
C11 = 440p-560p
C12 = 330p-1330p
C13 = 1uF/16V

L1 = 1mH
L2 = 1mH
L3 = 1mH
L4 = 0,7-1,6uH

IC1 = 7812
D1 = IN4148

T1 = BF199
T2 = 2N2219A
T3 = BUX84
T4 = BD139
T5 = BC548
T6 = IRF510

X1 = 3,5 ... 8 Mhz
L3 = minimum 2A
C11-C12-L4 = experimental depending on Frequency..
L4 = Ø wire = 1mm Ø coil = 18mm (Form 5/8")
1,8uH = 11 wdgs L = 14mm
1,3uH = 9 wdgs L = 12mm
0,8uH = 6 wdgs L = 7mm