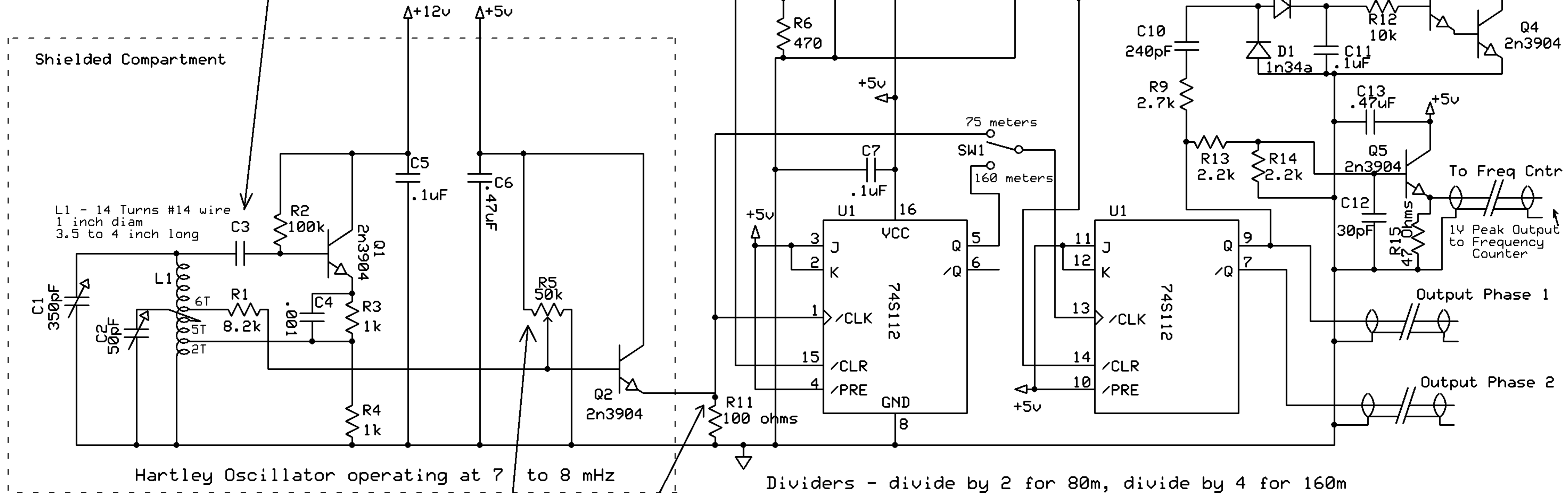


C3 is a "gimic" capacitor - two pieces of insulated hookwire twisted loosely together. About 3/4 inch long. More twists or tighter twists increase capacitance. Use the lowest capacitance possible consistent with good oscillation and output over the entire output range of the VFO.



Adjust R5 while looking at this point (R 11) with an oscilloscope Set R5 such that the upper portion of the waveform just begins to round off or clip. Bottom of wave will be clipped. Waveform will resemble a class E waveform.

Radio Engineering Associates

Analog VFO for 160 and 75m

WA1QIX

Rev 1.2

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