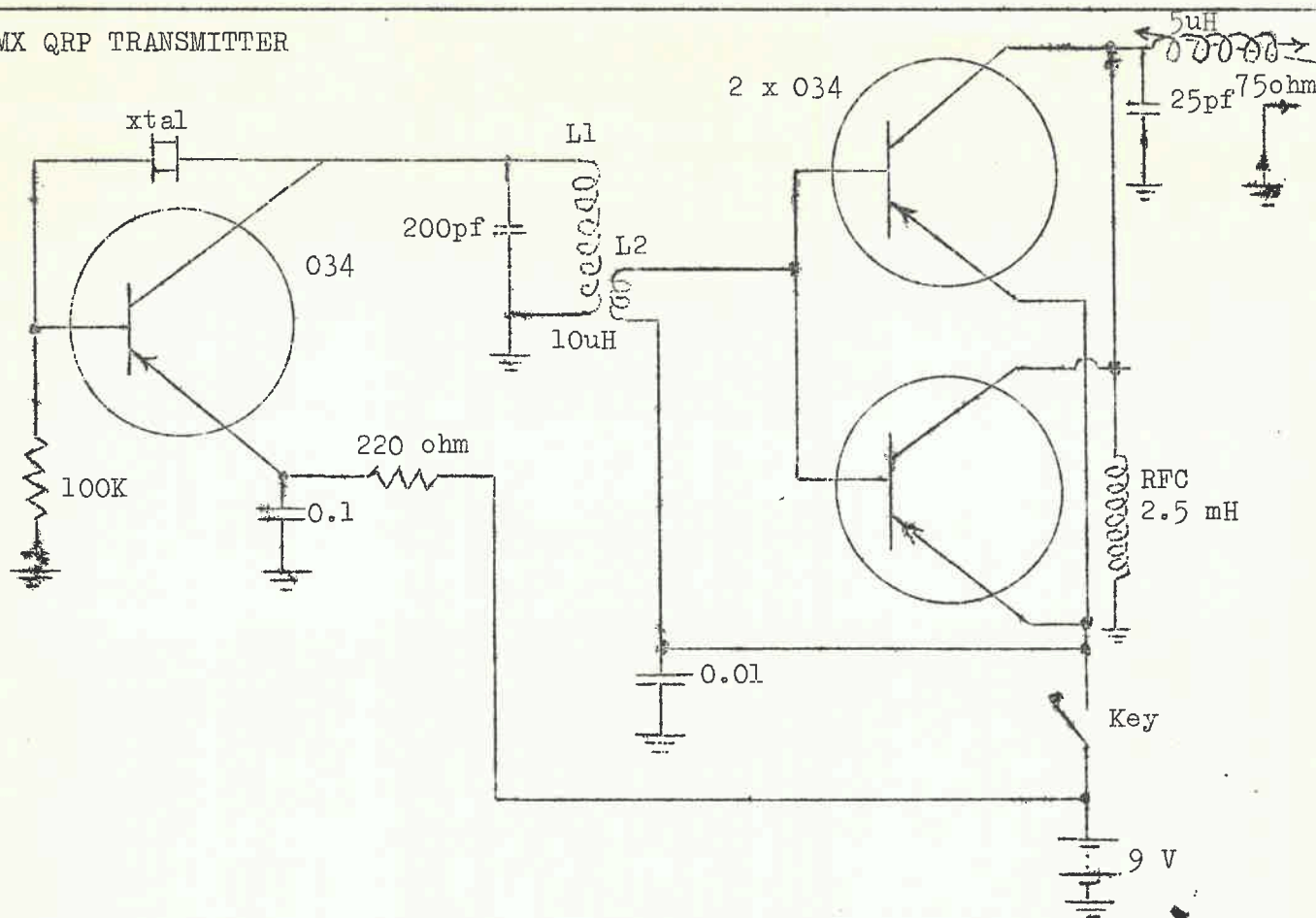


TASMANIAN DIVISION

80 MX QRP TRANSMITTER



The circuit is shown above and is quite straightforward. The oscillator is not keyed because with some crystals, operation is very sluggish. The two transistors in the output stage were selected from about half a dozen from circuit boards and both draw about the same current (no need for equalizing resistors). The Power Input depends on the battery used and also to a very large extent on the DC resistance of the RFC. Mine runs about 500 mW with a 9 volt battery. Using 15 volts it will comfortably run 1 watt. (The transistors don't even feel warm, although remember, this is only CW.) The Output Tank is an L network. It is broadly resonant in the band and all tuning is done with the station aerial tuning unit for maximum O/P. If preferred, a pi-network could be substituted, the values being calculated from recent articles in AR.

The coils are best found by experiment since the formers I used came out of an old BC set. L2 is about 8 to 10 turns wound over L1.

The little rig certainly gives a good account of itself. I have received 5/9+ signal reports around the town and with a bit of luck and a lot of patience, it should be no trouble to get out of VK7 on it!

This article is by Phil, VK7SS.

JOHN MOYLE NATIONAL FIELD DAY CONTEST

This event is to be held around the second Sunday of February, and for the occasion, the VHF group will be operating on several bands from Mt. Wellington.

WELCOME

To Harry, VK7BR, who is now residing in Hobart, and is already active on VHF.

A COUPLE

Of our boys have gone to greener pastures for the Christmas Uni break. Tim, ZTM to VK2,3&4 with 6MX gear and Wal, ZWX to Queenstown until around the middle of February, mobile on 6 using a Pye.

