

Radio 7BQ

MR. L. J. CROOKS (7BQ), of Launceston Tas., writes and tells us something about his station.

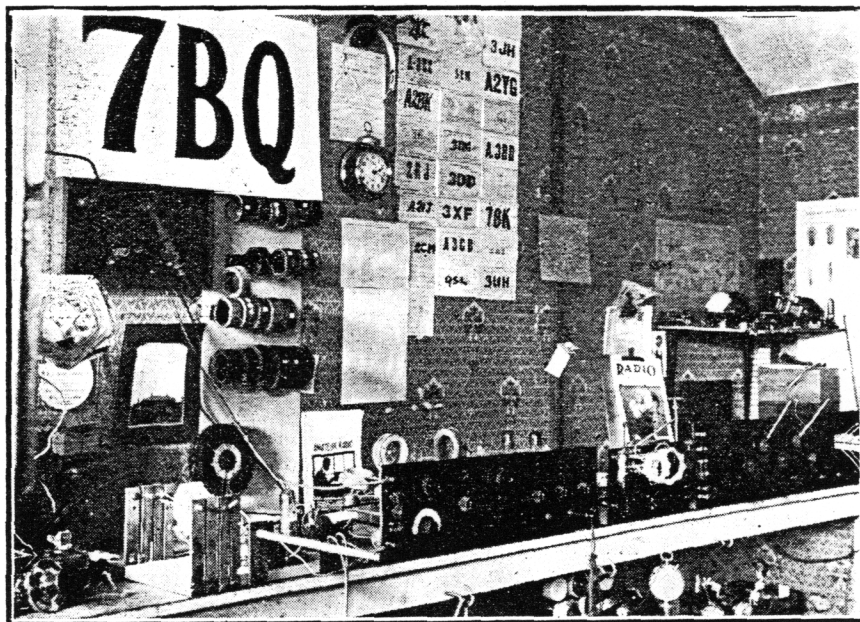
He says: "I have taken an active part in all wireless matters in Launceston for the past three years. I was Hon. Radio Inspector up to the time

"The aerial is a 7/20, twin wire, inverted 'L,' 70ft. long by 50ft. high. Immediately under this is a four wire, 3/20 counterpoise, 18ft. high. A new pole is being constructed 60ft. high to take a vertical cage for the transmitter. The present earth used is a water

broadcast receiver with 2 H.F., D. and two audio. This last set is rarely used. Up to the present, 7BQ has only been an experimental receiving station but now I have my 'ticket' the 'shack' is in course of re-arrangement.

"At present I have only two small transmitters for local work using one 201A valve working on dry cells with about 200 volts on the plate.

"It is proposed to use for a start a coupled Hartley circuit transmitter with a five "watter"; for plate supply, 350 volts or more, will be used from the town supply which is at present being changed over from 110 volts to 240 volts. The accumulators are charged from the A.C. mains by means of a mechanical rectifier."



A view of portion of Mr. Crooks' station, 7BQ.

those positions were abolished by the P.M.G.'s Department.

"My 'shack' is situated apart from the house and is 10ft. by 6ft. inside, with every convenience in the way of shelves, bench, etc. Electric light and power are laid on also.

pipe. The receiving equipment consists of the usual three-coil, 'low-loss' using a UV200 with the base removed as the detector and a 'low-loss' condenser across the secondary and one stage of audio; a Reinartz with one step of amplification and a five-valve

N.Z. AMATEUR REGULATIONS.

BESIDES the regulations governing broadcasting in N.Z. there have also been gazetted new regulations controlling the erection and operation of amateur transmitting apparatus. Licenses for this purpose will cost £2/2/- annually, and this amount can, if desired, be paid in quarterly instalments. The usual conditions of efficiency are applied to applicants who must be British subjects. The wave-length band for amateur transmission is from 120 to 160 metres, and the power used shall not exceed 100 watts of radiated energy. At the discretion of the Minister, permission may be given for transmission on other wavelengths than the band specified.

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