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HOBART RADIO STATION.

It will be good news for the public generally, and in particular for broadcast listeners, to know that the wireless telegraph station on the Domain at Hobart has had the old spark wireless transmitter dismantled, and there is now installed in its stead a very fine transmitter of the thermionic valve type.

The valve transmitter is of the 2 K.W. type, specially designed and manufactured in Sydney for use in Australian coastal radio stations, and the fitting was carried out by Mr. S. Trim, one of the company's engineers.

The frequency of the power supplied to the main transmitting valves is 50 cycles, and normally this would be the pitch of the emitted signal, but a variable motor driven tone wheel is provided, and by varying the speed of the tone wheel a note of any desired pitch may be transmitted.

There is little apparatus compared with the old spark station. This is due to the fact that the valve transmitting apparatus can be very compactly arranged, and this can be done without in any way interfering with high efficiency.

The new apparatus at Hobart Radio Station will assure the public of a first class communication service with ships in the Tasman sea and around the coast of Tasmania, and is also capable of transmitting on a continuous wave system, and when necessary can be adapted for wireless telephone transmission.

In association with the special valve transmitter, the Hobart Radio Station is equipped with a 4-valve receiver. This receiver was made to meet all requirements of a modern coastal radio station. Although the receiver has provision made for four valves, it is so designed that any number from one up to four may be used, as circumstances may make necessary.

Hobart's commercial radio station is in keeping with the equipment installed or about to be installed at all the other coastal radio stations in Australia by the Amalgamated Wireless Company.