

Short-wave News

Empire Broadcasting.

CONTRACTS have been placed with Standard Telephones and Cables Ltd. for the erection of the two short-wave stations at Daventry which are to provide the Empire with programmes throughout the twenty-four hours of the day. The B.B.C. hopes to have these transmitters in operation before the end of this year. The aerial power of each will be 20 kilowatts.

Greenwich Time Signal and Big Ben.

ALL short-wave listeners who have been lucky enough to listen to the London programmes via G5SW are familiar with the Greenwich time signal. The six "pips" give the seconds fifty-five, fifty-six, fifty-seven, fifty-eight, fifty-nine, and zero of the hour. The error is generally kept to within one-tenth of a second, and the Greenwich officials state that the error is generally down to less than one-twentieth of a second. Near enough for us to correct our watches!

Big Ben is usually heard at the commencement and conclusion of transmissions by G5SW. A microphone is hung in a rubber bag from a girder in the clock tower to pick up the sound of the bells. There is an A-type amplifier close to the microphone, and the output of this, through an L.F. transformer, goes on to a post office line leading to the control room in Broadcasting House.

American Portable Short-wavers.

W10XAA is a short-wave portable broadcasting station of the National Broadcasting Company, and W10XAC is used by the Columbia Broadcasting System. Various wavelengths between 25 and 150 metres are used. These stations are used for relaying programmes of unusual nature, such as broadcasts from aeroplanes, ships, etc., where a stationary transmitter would not be possible.

VE9BY, Ontario.

SHORT-WAVE station, owned and operated by the University of Western Ontario, London, Ontario, Canada, broadcast on 34.68 metres each Tuesday from 7.30 a.m. till 8.30 a.m. and 9.30 a.m. till 10.30. On 46.67 metres each

Some Things are Not Seen, but Hearing Makes Them So. Particularly is this so when your set has been serviced by

MACK'S

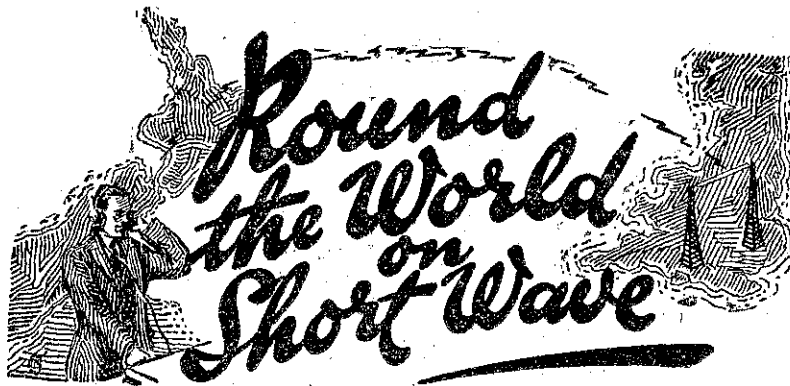
It's that Difference that Counts. So See that Your Set is Serviced by

**MACK'S
RADIO SERVICE**

147 VIVIAN ST. Cnr. Cuba St.,

WELLINGTON.

Tel. 44-981.



THIS page is conducted in the interests of shortwave enthusiasts. A weekly log comprising notes of reception and interesting topical events is contributed by Mr. F. W. Sellens, Northland, Wellington, but all listeners are invited to send in paragraphs of general interest.

Thursday from 1 p.m. till 2 p.m. and 2.30 p.m. till 3.30 p.m.; Friday, 11.30 p.m. till 12.30 a.m.; and Sunday from 12.30 p.m. till 3.30 p.m. On 62.56 metres they broadcast each Sunday from 4.30 p.m. till 6.30 p.m. They ask for and acknowledge reports of reception.

EEAN, Madrid.

A NEW Spanish station has been reported on 28.5 metres with the call EEAN. This station is owned by Transradio Espanola at Madrid, who also operate EAQ. The time to listen for EEAN is about 8.30 a.m., New Zealand time.

EAR58, Canary Islands.

EAR58, Tenerife, Canary Islands, working on 41.6 metres, has been heard between 10.30 p.m. and 11 p.m.

UOR2, Vienna.

THE writer has reported this station several times recently as being just audible about 7 a.m. The identity has only been guessed, as this station had been logged in Australia. My luck was in on Wednesday when, although only just audible at 6.15 a.m., by 6.45 they were up to R4 and quite clear with orchestral music. Only the names of the items were given, without any call-sign until about 6.58 a.m., when the hoped-for call, UOR2, was heard, followed by a few words in German. This was followed by, in English, "This is short-wave station UOR2, transmitting on 49.4 metres—". The rest of the English was lost in some interference. The call was heard again later, but not any more English talk. At 7 a.m. volume was about R7-8. By 7.30 a.m. they were quite weak, but up to R5 by 7.45 a.m., going off again very rapidly after this time. Since this date they have not been more than R1 or 2.

An Interesting Relay.

LATE on Saturday night PLV, Java, and VK2ME were having a chat, and several times Sydney called and talked to Amsterdam via Java. Again Sydney talked to W2XAF in Schenectady, who were trying to make contact with Amsterdam through the short-wave station W2XAD. It appears that Amsterdam could not make themselves understood across the Atlantic, so it was suggested that they try the long way round. That is, their (Amsterdam) signals to be rebroadcast by Java, picked

ing to RS-9 for the last hour. I did not listen to them all the time, but it was always talk when tuned in, except for the "Marseillaise" at the start and finish.

At 12.25 a.m. the same morning FYA on 19.68 metres was R9 with orchestral items till 12.30 a.m., when they commenced their regular programme with the "Marseillaise" as usual, followed by "Hullo, Hullo, ici Paree, Radio Colonial," etc. FYA on 25.2 metres were on the air at the same time with the same programme, also received at R9.

Other Stations Heard.

ALL other stations during the past week have been about the same as the previous week. The 25-metre band has been very poor during the early morning from 6 a.m. to 8 a.m. The 49-50-metre Americans continue to come in well during the late afternoon. W2XAF reaches good volume on most days by 2 p.m. now, but has suffered recently by a slight rapid fade.

WIXAZ is very good from 11.30 p.m. with their early morning programme.

up by Sydney and then on to Schenectady.

The talk from Holland as heard from Sydney was loud enough, but not too clear, so it would be poor quality as received in America. The stations taking part in this interesting stunt were VK2ME, on 30.7 and 28.5 metres, one station for reception in Java and the other in Schenectady; PLV, on 31.86 metres; W2XAF, 31.48 metres, all of which were well received here. W2XAD, 19.5 metres, was inaudible at this end, and the Dutch station could not be located, only being heard via Java (PLV).

FYA, Paris.

FYA on 25.63 metres is improving all the time now. On Saturday morning they were quite good strength and quality all through the session from 8.30 a.m. till closing with "La Marseillaise" at 11.25 a.m. Volume was R8, increas-

Jensen
SETS THE PACE!
By every test—
Jensen
DYNAMIC SPEAKERS
ARE SUPERIOR

WHEN YOU TAKE HOME
THIS CARTON, YOU TAKE
HOME A REAL VALVE!

REAL radio enjoyment does depend on the valves. If you would have the best that your receiver can offer then we say—take home a REAL valve—a PHILIPS.

The new PH tubes will delight you with their performance—will bring new life to your receiver, and will demonstrate the amazing brilliance and quality of reproduction made possible by the new Philips series.

They are sturdy valves, capable of the long and faithful service which the radio enthusiast can expect from modern types such as the new Philips series.

**PHILIPS
VALVES**

Look for the PH seal—it is your "Brand New" Guarantee.



Burgess Batteries
are used in all
big events.

Why?

**BURGESS
RADIO
BATTERIES**

More Burgess
Batteries are sold
in New Zealand
than any other.

Why?