

# Short-wave Jottings

DURING the week our shortwave correspondent, Mr. Sellens, has made the following observations:—

Radio Vitus, Paris, now broadcasts its daily concerts simultaneously on 322 metres and 41 metres, the latter with a power of 150 watts in the aerial. In the meantime, the Radio LL transmissions on 61 metres have been suspended.

1AX, an amateur transmitter at Rome, frequently relays the programme of the local station on 45 metres.

The telephone service between Berne and Buenos Aires, via Berlin, a distance of 7200 miles, will soon be officially opened. Three-minute conversations will cost about £5. Tests of the shortwave wireless service between a Berlin station and Bangkok in Siam, have been satisfactorily carried out.

The new Vienna shortwave experimental station now under construction, will shortly carry out its initial test on 49.4 metres.

Listeners in New Zealand and Australia should have no difficulty in tuning in China during the winter months. It is learned from Peking that seven new shortwave stations are to be erected, some of which should be on the air within a month. The wavelength on which the stations will operate is not yet available.

Two hundred kilowatts will be the power used by the new German radio station to be erected shortly, the idea being to make the Berlin programmes receivable throughout Europe.

Rome also is to erect a high-powered station. Work on the necessary building and equipment for a 50-kilowatt station is already under way, and it is thought that it will be in operation by October. A shortwave beam transmitter is also being installed to make the programmes available to Italian listeners in Australia and America.

The call of the new shortwave transmitter at Huizen (Holland) is sent out in several languages, including Dutch, English, German, French and Spanish.

Test transmissions are being carried out between midday and 3 p.m. (11.30 p.m. till 2.30 a.m. New Zealand time), the most favourable time for reception of its broadcasts in the Dutch East Indies. The wavelength is 16.88 metres.

Following is my log for the week:—

## Saturday, April 13.

AT 5.15 a.m. talk was heard from W6XN (KGO), in reference to interior decoration. This would be a section of the "Californian Home Life" hour. The song "Twilight" followed. R3-4 very clear, but severe fading. TLO, Nairobi, carrier wave only heard.

PCJ commenced at 6.35 a.m.: R9, perfect reception, but suddenly went off the air, and were not on again till just after 6 a.m., when they put on the same record again as at first. The programme continued to 7.30 a.m., with but little decrease in volume. 5SW, Big Ben at 6.30 a.m., followed by a talk on "Music"; R8, 100 per cent. readable.

2XAD was R5 at 1.45 p.m., with a slight surge. During their "Half-hours with the Senate," the Assistant Secretary of Agriculture was heard speaking at Washington. This was also broadcast through KDKA. "Slumber Hour" was the title of 2XAD's last hour's music. Strength was R8 during the greater part of the time heard.

KDKA was heard with good volume but unsteady, so I did not listen much to them.

Two stations were heard between 31.4 metres and 32 metres, but were too weak to identify. They have since proved to be 2XG, Rocky Point, N.Y., and a London station, call not yet heard.

PCJ were first heard at 2 p.m. at R3, calling America and Canada. Signals increased to R8 by 3.30 p.m. CJRX, Canada, was transmitting, but morse QRM spoilt reception. Either PCJ on 18.4 metres or PLG on 18.88 metres was R8 at 11 p.m. with records. Quite good, but call not heard.

## Sunday, April 14.

ON the 80-metre band ZL2BO was well received during the morning. At 11.10 a.m. on about 26 metres a voice was heard calling "Hullo, Nauen," several times, and then changed over to code.

Both KDKA and 2XAF were just audible at 11 a.m. KDKA was R4 at 1.30 p.m. with a musical programme, which was followed by the weather report and messages to the Byrd Expedition. The parents of the Boy Scout with the expedition spoke to their son in the Antarctic. Strength R9.

2XAF and 2XAD were both on the air with the programme from WGY. The "Lucky Strike" hour was heard, and later music from the Crystal Room of the De Witzler Hotel, Albany, N.Y.

KDKA and VK2ME were conducting a short duplex telephony test when I tuned in at 7 p.m. Both were R9. RFM was R8 later in the evening.

## Monday, April 15.

VK3ME, Melbourne, opened at 6.27 a.m., and passed over to 3LO for their weekly programme. Reception was good at R9. RFM was much weaker than usual during the evening.

## Tuesday, April 16.

5SW DUPLEX telephony, with 2XO, were R9 and 100 per cent. readable at 5.20 a.m. 2XO were not audible direct, but at times through the English station. TLO, Nairobi, was just audible at 5.45 a.m., and but little better at 6.25 a.m.

PLE, at 6 a.m., were R2-3, with duplex telephony. A lady was talking. She was still there at 7 a.m. at R5, and would have been 100 per cent. readable if English was spoken. 5SW, Big Ben and London calling, was R8, but intelligibility was bad on account of rapid fading. PH1, Huizen, Holland, were testing from 4.30 a.m. till 11.30 a.m. Nothing was heard before 6.15 a.m., when a weak carrier was audible.

PLF was heard at 10.45 p.m. calling "Hullo," and "Sehtung," volume R5.

## Wednesday, April 17.

THE 40-metre German (DOR ?), speaking very slow and distinct at R9. TLO, Nairobi was R1-2. 5SW opened at 6.27 a.m. 6.30 a.m., Big Ben was extra loud. Lord Burnham, chairman of the Press Association, gave a talk on "Printing." This was easy 100 per cent. readable, being the clearest speech heard from England for some time. "Gardening" was the subject of another talk later. An orchestra was well received at 7.20 a.m.

W6XN (KGO) were tuned in at 5.50 p.m., when it was announced that the Rovers would entertain. This they did till 6.30 p.m. Reception was excellent at fully R9, except for severe fading at times. A gong was struck at 11.1 p.m., Pacific standard time. After giving the next day's programme the station closed down at 11.3 p.m. P.S.T.—6.33 p.m. here. PLF was heard at 10.30 p.m. with duplex telephony at R8.

2XAF was picked up at 10.45 p.m., playing records at R9. This is an unusual hour to hear an American, it being 6.15 a.m. in New York.

## Thursday, April 18.

A DUTCH (?) station, probab. PLE, was on duplex at R 2-3, increasing later. 5SW: Big Ben at 6.30 a.m. was R8. Sir William — spoke about the Imperial Institute. This speaker was much clearer than the announcer. The works of Michael Angelo were the subject of a later talk. At 8.35 p.m. 2XG was heard on one of his word tests, "write down apricot," etc., on about 32 metres.

W6XM (KGO) was R2-3 at 6 a.m. Talk was not readable, but the voice is familiar.

## Friday, April 19.

AT 5.20 a.m. 5SW was R8, but with a rapid fade, duplex test with 2XO.

PCJ commenced at 5.37 a.m., R8, very clear and steady, decreasing to R5-6 at 7.30 a.m.

TLO, Nairobi: Carrier only.

40-metre German, R8, with his usual slow talk. Music from this station should be worth listening to as he is so clear and steady always.

5SW: Big Ben, R8. "Miss — will give her fortnightly talk on recent novels" was announced. This lady could be followed easily in her talk.

At 10.15 p.m. on about 16.4 metres was heard calling, "Hullo, here is Bandoeng." Music also was heard. PLF was calling "Hullo—Bandoeng."

2XAF at 10.30 p.m. said, "Good morning, ladies and gentlemen, and when I say good morning I mean good morning. It is now 6 a.m. in Schneetady. A

special programme will be given in honour of the radio festival at Melbourne." A march by Sousa was the first item received at fully R9.

The announcer in speaking again appeared to be much amused at rising early to put on a programme at 6 a.m. to be received in Melbourne at 9 p.m. the same day.

To prove that an orchestra was in the studio and that they were not using records, he called for, and three hearty cheers were given by what seemed quite a crowd. Much laughing was also heard. Later Mr. Roy Sheppard spoke to his friends in Melbourne. He mentioned that there was a foot of snow in Schneetady.

Summertime comes into effect in Great Britain on Sunday, April 21.

It will therefore mean that 5SW will be heard one hour earlier after this date. I am not certain, but believe that America observe summertime one week later.

## Schedule for PHI

PHILIPS Lamps (N.Z.), Limited, Wellington, have received advice that the new station PHI, working on a power of 75 kilowatts, a wave-length of 16.88 metres at Huizen, Holland, will be operating at the N.Z. following times:—

Tuesday: 4.30 a.m. to 11.30 a.m.

Wednesday: 11.30 p.m. to 3.30 a.m.

Thursday: 11.30 p.m. to 3.30 a.m.

Friday: 11.30 p.m. to 3.30 a.m.

Saturday: 4.30 p.m. to 11.30 p.m.

Philips Lamps, Ltd. (Wellington), will be very glad to receive advice of reception from listeners throughout New Zealand.

## FOR SALE OR EXCHANGE

The rate for small advertisements under this heading is 2/- cash for 20 words, and twopence for every other word thereafter.

FILING COVERS for "Radio Record," strong board, pierced, 1/6 post free. "Radio Record, P.O. Box 1032, Wellington.

WANTED.—Used Edison or Hawley Wet "B" Batteries. Any condition. Write particulars to C. Kyle, Aokautere.

KEEP your "Records" neat. Filing covers, strong, printed and pierced. 1/6 post free.—"Radio Record," P.O. Box 1032, Wellington.

8-VALVE Radio Receiver, in new condition, with Valves. Also good Radiola Speaker, P.B. Eliminator. Apply "Valve," Box 1032, Wellington.

5-VALVE Raleigh Radio Set and Valves, in good order. Reason for selling, owner going in for All-Electric Model. Freight paid and an A and B Battery Charger given in free with Set. Apply "Receiver," Box 64, Henley, Otago.

HAVE you ordered your "Listener's Guide"? 2/6 from booksellers and radio dealers, or 2/9 post free from the publishers, Box 1032, Wellington.

Printed and published for the New Zealand Radio Publishing Company at the registered office, Wakefield Street, Wellington, of the Wellington Publishing Company, by Archibald Sando, of 47 Freyberg Street, Lyall Bay, FRIDAY, APRIL 26, 1929.

## After Endless Tests

I decided that that Screen Grid will not give the average man satisfaction in Short-wave work. I then decided to build all Short-wave Sets in future without a Screen Grid Valve, thereby cutting cost and yet still being able to build the BEST SHORT-WAVE SET IN THE DOMINION.

## MACK'S RADIO

76 KENT TCE., WELLINGTON.  
Telephone 20-798.

TAKE

# Pulmonas

RELIEF BY INHALATION

FOR COUGHS AND COLDS

