

## Short-Wave News

SEVERAL letters have been received during the week containing interesting information concerning several short-wave stations.

**Zeesen, Germany.**—In reply to a report Mr. A. F. Gledhill (Christchurch) has received the following reply, typed in German:—"The Central Post Office offers thanks for observations in connection with the German transmitter on wavelength 31.38 metres. The transmitter operates daily 14.15, 16.30, to 19.30, and from 20.00 to 00.30, and in some cases also up till 01.30 (Central European time). Relays, principally the programmes of the German transmitter, wavelength 1634.9 metres (Königs-Wasserhausen), and/or the programme of the Berlin station. The telephone capacity is 8 kilowatts in the aerial. We would be obliged if you would let us have further observations from time to time."

The above hours in New Zealand time are:—12.30 a.m. to 1.30 a.m.; 3 a.m. to 6 a.m.; and from 6.30 a.m. to 10.30 a.m., and in some cases till 12 noon.

**7LO Nairobi.**—The same listener also received this:—"Thanks for report, etc. For your information, I beg to inform you that we transmit on 31.1 metres, with about half a kilowatt in the aerial. Our hours of transmission are between 7 and 10 p.m., local time, corresponding to 4.30 p.m. to 7.30 p.m. G.M.T. (4 a.m. to 7 a.m. New Zealand time)."

**KZRM Manila, P.I.**—A card from this station gives the following particulars:—Power, 1 kilowatt; wavelengths, 25.36, 31.4, and 48.8 metres (approximately); antenna height, 80 ft.; horizontal doublet half-wave; quartz crystal controlled. Schedule—Daily except Monday: 9.30 a.m. to 10.30 a.m., 3.45 p.m. to 4.45 p.m., 6.30 p.m. to 8.30 p.m., 9.30 p.m. to 2.30 a.m. Mondays: 9.30 a.m. to 10.30 a.m., 3.45 p.m. to 4.45 p.m., 6.30 p.m. to 8.30 p.m.; New Zealand time.

**WENR and W9XF, Chicago.**—Mr. A. B. McDonagh (Wellington) received the following schedule dated March 27, 1930, transposed to New Zealand time:—"Daily except Monday 8.30 a.m. to 5 a.m., 9 a.m. to 12.30 p.m.; daily except Sunday 2 p.m. to 6.30 p.m.; Mondays, 1.30 a.m. to 6 a.m., 9 a.m. to 11.30 a.m., and 1.30 p.m. to 6.30 p.m."

**W2XE, New York.**—A letter dated April 2, 1930, in reply to a detailed report on reception of W2XE, was received from the Columbia Broadcasting System, Inc., New York City. The following are extracts:—"W2XE operates on a frequency of 6120 kilocycles, 750 watts power. The station operates daily from 8.00 a.m. to 1.00 p.m. (12.30 a.m. to 6.30 p.m. New Zealand time) in conjunction with WABC, the key station of the Columbia broadcasting system. Some time in the near future we hope to put



on a special programme for the benefit of New Zealand between the hours of 1.00 and 3.00 a.m., New York Eastern standard time (6.30 p.m. and 8.30 p.m. our time). Each of these schedules are the latest to hand; they are included in an up-to-date list of about 80 short-wave telephony stations working between 14 and 100 metres that I have proposed for the new issue of the Radio Business Guide and Call Book.

**Short-wave Stations in the Far North.**—Mr. E. W. Anglesey (Nelson) reports that soon after midnight on April 13, 1930, on about 6 metres, he heard an American giving some directions about sending some batteries as soon as possible, etc. He

dance music till midnight." The music came through at R8-9 with slight gushiness. Big Ben was heard striking midnight, after which 5SW closed down till 11.30 GMT, Monday next.

Zeesen was R8 at 7.30 a.m., with a play. Static was bad. At 9.35 a.m. on about 26 metres, a voice was heard calling "Hullo" several times, but could not understand anything else. W2XAF was just audible at 10.30 a.m., slowly increasing to R8 when they signed off at 3.33 p.m. W2XAD, with the same programme, was also just audible at 10.30 a.m., increasing to R4 by noon, but went off again after this. W8XK on their 25.4-

## Stations Heard During Week Ended May 10.

RA97, Siberia, 70 metres: Each evening.  
W9XF, Chicago, 49.83 metres: Saturday.  
W3XAL, New Jersey, 49.18 metres: Sunday, Wednesday and Saturday.  
W2XAF, Schenectady, 31.4 metres: Sunday and Saturday.  
ZEESSEN, Germany, 31.38 metres: Each morning except Thursday.  
PCJ, Holland, 31.28 metres: Friday and Saturday.  
NRH, Costa Rica, 30.5 metres: Saturday.  
VK2ME, Sydney, 28.5 metres: Twice daily.  
GBX, England, 27.5 metres: Twice daily.  
KIXR, Manila, 26.3 metres: Each evening except Monday.  
CJRX, Winnipeg, 25.6 metres: Sunday and Saturday.  
G5SW, England, 25.53 metres: Each morning except Monday.  
W8XK, Pittsburgh, 25.4 metres: Sunday.  
W6XN, California, 23.35 metres: Sunday and Friday.  
W2XAD, Schenectady, 19.56 metres: Sunday.  
PHI, Holland, 16.88 metres: Thursday.

called a number of times "CGG, Bathurst Inlet, calling CXX, Port Burwell." Alaska and Hudson Straits were also mentioned. Strength was R4 at the best, with bad fading. Mr. Anglesey has heard this station since, but was only able to read odd words. Has any reader heard these stations? They are not listed in the latest Call Book.

### Unidentified.

41.6 metres (about), Thursday.  
26 metres (about), Sunday.

### Log for the Week

#### Sunday, May 4.

AT 7.25 a.m. G5SW was tuned in, when orchestral music was R6, with slight gushiness. The Greenwich time signal, 6 dots, was heard at 7.30 a.m., followed by announcements from Chelmsford about the extra transmissions, daily news session, and the Saturday evening programme from London. After the usual interval at this time (when news is broadcast from London which is not available for overseas listeners), reception was too gushy to be readable. Conditions improved again later. At 9.20 a.m., it was announced that "we are now going over to the Mayfair Hotel, where Ambrose and his orchestra will play

metre transmitter, was gushy at R7 at 3 p.m., increasing to R9 later, with messages to the Far North, etc. CJRX is located between two beam stations, which spoils reception from the Canadian station. At 3 p.m. CJRX was R6, readability about 50 per cent. W6XN was well received, being R9 for some time, the best period being about 4 p.m. W3XAL was R5 at 4 p.m., increasing to R6 when they signed off at 4.34 p.m.

There were two stations just above W3XAL in wavelength, which were too weak to identify.

RA97 at 9.30 p.m. was R9 Static medium KIXR relaying KZRM, opened at 9.30 p.m. with their chimes. Their programme for the first half-hour consisted of Brunswick recordings. Strength R8-9, gushy, but 100 per cent readable.

#### Monday, May 5.

I DID not listen early this morning. At 2ME and GBX, at 7.15 p.m., were both good strength, with Post Office duplex. RA97 was quite good at 9.15 p.m., with an orchestra received at R8. After this the English-speaking lady reads the news bulletin. Later a male choir was heard which were very good.

#### Tuesday, May 6.

UNTIL about 6 a.m. G5SW was not audible. They reached R7 by 7 a.m., but were very gushy. GBX at 6 a.m. was R2, increasing to R7 by 7 a.m., while 2ME was not audible during

this period. Zeesen at 5.40 a.m. was only R3, and very gushy. At 7 a.m. they were R8, but still very unsteady. 2ME and GBX at 6.45 were R9 and R7 respectively. RAD7 at 9.45 p.m. was R8, with talk by a lady. KIXR was very poor, being only R3 at 10 p.m.

#### Wednesday, May 7.

At 6.30 a.m. G5SW was very weak and gushy. They were R6 at 7.30 a.m., but still very poor.

GBX was too weak to be readable at 6.30 a.m., while 2ME was gushy at R6. Both were R8 at 7.30 a.m.

Zeesen commenced at 6.30 a.m., being very good at R8-9.

GBX and 2ME at 6.30 p.m. were R6 and R9.

W3XAL was tuned in at 6.40 p.m., when music was R8, but talk only R6. Static was troublesome.

RA97 was R9 at 9.15 p.m. Talks, vocal and instrumental music was heard. Static marred reception.

KIXR was R8 with music after 9.30 p.m., talk being weaker and not so clear.

#### Thursday, May 8.

Until 7 a.m. 5SW was again very weak when rapid fading spoilt reception.

2ME and GBX—Carriers only were heard of this station at 6.20 a.m. Not so much has been heard of the 41.6 metre stranger the last few mornings, but he was heard this morning at R3 with foreign talk.

Zeesen was not heard up till 7 a.m. PHI were having a special 12-hour test till 11.30 p.m. from 11.30 a.m. I listened at intervals from 6 p.m. till 9.15 p.m., when no sign could be heard. At 10 p.m. they were found to be R8, with a rapid fade, making speech difficult to follow. After this volume decreased to R7 by 11 p.m. Beside the rapid fade, a slow fade of several seconds duration was noticed.

GBX and 2ME, as usual, were going strong at 6.45 p.m. KIXR was R8 at 10 p.m., but reception was spoilt by some local electrical interference which was bad from 20—40 metres, maximum about 30 metres, but not sharply defined. This trouble was intermittent. Sometimes for a few seconds, others for a minute or two. No sign with aerial switch off.

RA97 was excellent at R9 with orchestral music. No sign of the trouble referred to on this band. 5SW was just audible at 11 p.m.

#### Friday, May 9.

PCJ was spoilt by rapid fading. Strength R8-9 at 6 a.m. to R8 at 7.30 a.m. 5SW at R8 was very gushy at 6.15 a.m.; talk was impossible to follow.

GBX was R7 at 6.20 a.m., but very mushy. 2ME was not audible here. Zeesen was quite good at R8-9. W6XN at 6.40 p.m. were R7. Reception was too mushy to be worth while. 2ME was R9 (Concluded on page 32.)

## FOR SALE OR EXCHANGE

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