

Canada's Short-wave Station.

THE short-wave broadcasting station CJRX has been moved from the Grain Exchange Building in Winnipeg to a point about 10 miles from the city, and is now transmitting again on 25.5 metres, with an input of 2 k.w. Reports on the new station's signal will be welcomed by the owners, Messrs. James Richardson and Co., Grain Exchange Buildings, Winnipeg, Manitoba.

Spain and Argentine.

THE Spanish National Telephone Company has received official permission to inaugurate a direct wireless telephone service between Spain and the Argentine. The main stations will be at Madrid and Buenos Aires. The company is also permitted to extend wireless telephone services to other American and European countries.

3AN, Sourabaya, Java.

THIS station is owned and operated by the Sourabaya Amateur Radio Society. They generally operate on about 49 metres, but can sometimes be heard on about 20 metres. 3AN operates every Monday, Wednesday, Friday and Sunday from 11 p.m. N.Z. summertime.

French West and Equatorial Africa.

IN addition to the long-wave transmitters already in operation, two new short-wave wireless telegraphy stations are stated to be under construction at Bamako (French West Africa), and Brazzaville (French Equatorial Africa). Both will work on C.W., the former on 14.7, 19.5, 30.7, and 70.9 metres, with the call sign FZL, and the latter, with the call sign FZL, on 16.2, 25, 29.8, and 72.9 metres. A "spacing wave" will be employed in each instance.

Short-wave Sets on Ships.

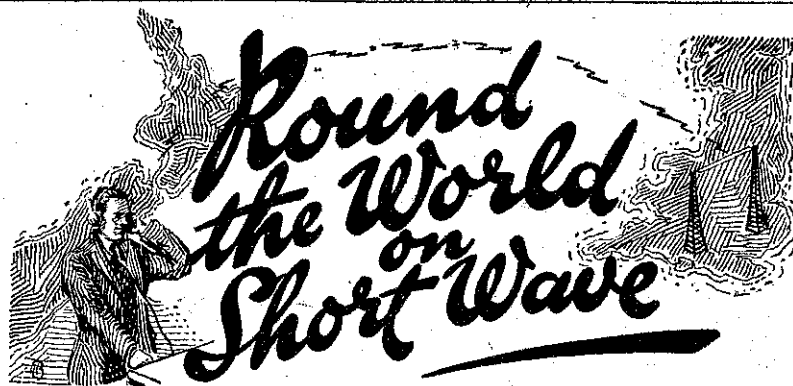
OWING to the extreme range obtainable at comparatively low power with short-wave sets, they are being installed on an increasing number of ships. The Marconi Company has recently produced a short-wave combined telegraph and telephone transmitter known as Type T.N.7, with which communication has been established over distances of more than 6000 miles.

W9XF, Chicago, U.S.A.

A SHORT-WAVE station with the above call has been heard here at good strength each evening during the past week till about 8 p.m. The call W9XF is given with the call WENR. The latter station operates on 345 metres (870 kilos.).

These stations are owned by the Great Lakes Radio Broadcasting Company, Chicago. Their slogan, which is often heard, is "The Voice of Service."

Station W9XF transmits on a frequency of 6020 kilocycles, or 49.83



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.

metres. The power must be fairly high, judging by the volume it is received here. The main station, WENR, is 50 k.w.

UOR2, Vienna.

THIS is the call of another short-wave station which I feel certain is the one heard here each morning from 6 till 6.15 o'clock on 49.4 metres. The transmission is all foreign talk, and once the call, as given above, was heard.

A recent English radio magazine gives the following particulars of this station: Wavelength, 49.40; call, Heir Kwrzwellensender, Ravag, Wien (UOR2), Vienna, Austria, experimental. Gramophone records and speech tests. Transmitting 1 a.m. Wednesday and Fridays; at completion of Vienna evening programme, Thursday and Sunday, about 11 a.m. (N.Z. times).

KZRM and KIXR.

AN Australian writer says that KIXR is not the short-wave station of KZRM. According to a letter he recently received, KZRM operates on 485 metres (620 k.c.), and 48.8 metres. KIXR is an auxiliary of KZRM and has been heard on 24.5, 48.5, 48.9, and 31.66 metres.

A Good Mixer.

WE understand that it is intended to install an "inverter" at the experimental short-wave station of the International Telegraph and Telephone Corporation at Trappes, near St. Cyr, France. The object of this apparatus, which we believe has been designed by Standard Telephones and Cables Ltd., is to prevent telephone messages being picked up by promiscuous listeners. This result is achieved by inverting the frequencies of the speech sounds so that high notes become correspondingly low and low ones high until the receiving equipment reconverts the frequencies to normal. Wireless eavesdroppers, therefore, who may chance to pick it up will probably think they are listening to ultra-modern music.

VK2ME and GBX.

THE announcer at 2ME stated one morning this week that they would be on 15 metres, and GBX 16 metres, next week. The exact fraction was not known, but each would be a little above the wavelengths given above. They hope to be able to carry on their duplex telephony tests throughout the 24 hours with a change of frequency to suit the period of the day.

Probably the most interesting short-wave reception during the week was the first broadcast service from the Jubilee Church, Fiji, on Sunday morning, October 20. This was by the Amalgamated Wireless (Australasia) Ltd. short-wave station VPD at Suva, working on about 20.5 metres.

The service was conducted by the Rev. R. L. Macdonald, chairman of the Methodist Mission in Fiji.

Reception, although not as strong as it has been from VPD, was fair speaker strength with some severe fading at times.

Saturday, October 19.

STATION 7LO, Nairobi, at its best was about R3 with the usual morse and static trouble; in fact static was bad on all stations heard. Konigswusterhausen was quite good at R7.

PCJ commenced at 6.5 a.m. at R9 and continued with slowly decreasing volume till I closed at 7.30 a.m., when they were barely R8.

VOR2 was R5 with talk till about 6.15 a.m. when they closed down. A stranger on about 46.3 metres was heard, speaking in a guttural voice. Several "Hullos" were heard, but could not get a call. Strength was R6.

5SW was R7 at 7 a.m. They were too gushy to be readable. (I notice the short-wave writer of a Christchurch paper reports 5SW at the same time as "better than usual with piano solos, modulation excellent, and the usual ripple missing.") This proves that the locality of the receiver makes all the difference.

VK2ME with records, while waiting for GBX, was R9. PCJ was very poor during the afternoon. KDKA did not reach good volume till late in the afternoon; they were R7-8 at their best, spoilt by gushing.

2XAD was R6 at 4 p.m., which was the maximum. 3ZC, Christchurch, was excellent at R8. W9XF, at 5 p.m., was R8 with a varied programme till 8 p.m., when they closed down.

Sunday, October 20.

STATION VPD, Suva, came through at 11 a.m. till 12.35 p.m. with service from Jubilee Church, Fiji. R8 at best with severe fading.

On about 21.8 metres at 3 p.m. a foreigner was heard at R8 with what appeared to be duplex telephony. "Allo" was heard several times; also plenty of laughing by the speaker.

KDKA was very weak and gushy. W6XN was not nearly so good as usual. 2XAF and 2XAC were both "on the air" with a special programme for the Byrd Expedition. The former station was the better as regards volume and clarity, being R9 at 4.30 p.m.

W9XF at 5 p.m. was R8, remaining at this till after 7 p.m. when strength decreased.

Monday, October 21.

AT 6.10 a.m. VOR2 was R2 with singing. This is the first time I have heard music from this station.

On 41.8 metres (about) speech and music were heard at R2-3. 7LO was just audible at 6.15 a.m., increasing to R4 by 7 a.m. W9XF was spoilt by static. Volume about R7.

Tuesday, October 22.

THE 41.8 metre station at 6.10 a.m., with foreign talk and orchestral music, was R4. 7LO just audible at

R2. 5SW, with Big Ben at 7 a.m., was R4, much weaker than usual. Konigswusterhausen also was weak—about R4. W6XN and W9XF were too weak to bother with.

VK2ME, R9, and GBX, R4, were on their usual duplex test. A play was being broadcast by KIXR on 31.6 metres at 10.15 p.m. Strength was R8-9. RA97, a lady was talking in English at 10.25 p.m., strength R8-9. Static was too bad to understand what it was all about and only odd words were readable.

Wednesday, October 23.

ON 41.8 metres, talk and music was received at R4-5. The speech was very like German. "Allo, Allo," was heard several times at R4 on about 39 metres. Talk only was heard, the station closing down before 6.30 a.m.

7LO was very weak. Static was worse than usual on this African station. 5SW was too weak to bother with. On about 16 metres at 8.15 p.m. records were received at R6. Several items were heard without any call being given. Strong carriers of both 2ME and GBX were heard, but no speech was heard for some time. ZL2BE at R8 was working ZL2AW, who was R9. Both were very good.

Thursday, October 24.

THE 41.8 foreigner was much better this morning, being R7 with what appeared to be a lecture.

7LO at 6 a.m. was R4, with rapid fading, as well as the usual static and morse. On about 42 metres a foreign voice could be heard at R4.

Konigswusterhausen was R8 with talk when tuned in just after 6 a.m. Big Ben was heard at 6 a.m. from 5SW at R6. Readability was very poor on account of gushiness.

W9XF at 7.45 was R7, unsteady with plenty of static and slow fading. The programme concluded at 8 p.m. VK2ME put on some records while waiting for GBX, calling London at intervals. Volume was good at R9. GBX was only R5 when they recommenced talking, being spoilt by static.

FOR SALE OR EXCHANGE

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TWO-VALVE AMPLIFIER, commercially made, in perfect condition—less valves, £8. "Amplifier," Box 1032, Wellington.

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