

Short-wave Notes

NRH, Costa Rica, Changes Call.

IT is reported that the Government of Costa Rica has changed the call of Senor Cespede's short-wave station NRH to TIIH. This station broadcasts daily from 3 p.m. to 4 p.m., New Zealand summer time, on 30.5 metres.

HVJ, Vatican City.

THE engineers at the Vatican City short-wave station when testing with W2XAF, Schenectady, recently, gave the letters of their call as "H" for Holy, "V" for Vatican, and "J" for Jesus.

The 19.86 metre wavelength is used from 3 a.m. to 5 a.m., and 50.28 metres from 5.30 a.m. to 7.30 a.m., our time. Marchese Marconi was heard to state that the power of the new station is 10 k.w., and that the secret of the excellent radiation from the station is due, mainly, to a special master oscillator and a specially-designed aerial system, which gives a uniform distribution of current over its entire length.

League of Nations and Short Waves.

DAY, night and twilight wavelengths are to be used by the short-wave station to be built for the League of Nations by the French Radio Society. During daylight the wavelength will be 15 metres, at night 35 metres, and at dusk periods 18 metres.

WORKING on 30 metres, Belgrade, Jugo-Slavia, broadcasts every Tuesday morning from 8 a.m. to 9 a.m., New Zealand summer time.

RECEPTION from Tokio, Japan, is reported on a wavelength of 24.8 metres daily from 10 p.m. till 12 p.m., our time.

Stations Heard During Week Ending February 28.

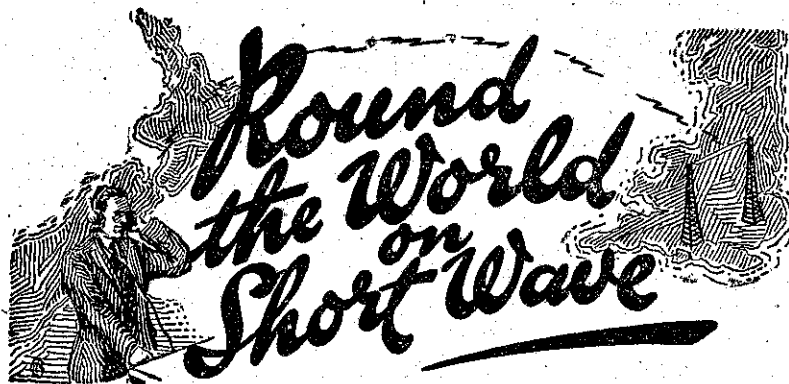
G5SW, Zeesen and PCJ have improved considerably during the past few days in the early morning. TLO also is better volume, but seldom good readability on account of interference.

RV15, Siberia, 70.1 metres: Every evening without fail at good volume. Static always there, but not so bad at present.

PMB, Sourabaya, Java, 58 metres.—Just after midnight on Saturday, R8, but static very bad.

HVJ, Vatican City, 50.26 metres.—Only heard once since the official opening, Wednesday, 6.10 a.m., R9, sounded like the conclusion of Mass. Closed down at 6.15 a.m. Not any English spoken.

50.2 Metres (about).—Just above TLO, Nairobi, heard several mornings, with



music and talk. Always weak, but think the talk is German.

TLO, Nairobi, 50 metres.—Commences at 6 a.m. At 6.30 a.m. a time signal, 6 dots is heard, followed by shipping news, etc. Volume has been up to R8 recently, but readability only 25 per cent. at best.

49.9 Metres (about).—Just below TLO at the same time (early morning), but too weak to be readable. Talks and music.

W9XF, Chicago, 49.83 metres.—Good each evening till 7 p.m.

W8XAL, Cincinnati, 49.5 metres.—has been heard up till 11 a.m., testing with records. Volume steady at R8-9.

VK3ME's Schedule

Advice recently received from Mr. G. Robertson, New Zealand manager of Amalgamated Wireless, A'sia, Ltd., states that short-wave station VK3ME is now transmitting on a wavelength of 31.28 metres every Saturday night from 8 to 9.30 o'clock Australian time (10 to 11.30 p.m., N.Z. Summer Time).

W8XAL, Boundbrook, 49.18 metres.—One of the best. Till 6 p.m. each day at R9.

Saigon, Indo-China, 49 metres.—Starts just before 11.30 p.m. Another reliable station. Always R9.

W8XK, Pittsburg, 48.86 metres.—Sunday afternoon, about R5 by 5 p.m., with messages to the Far North.

VE9CL, Winnipeg, 48.7 metres.—Wednesday is the only day this station is heard, when they are on till 6 p.m. At their best they are weak at this time of the year.

HRB, Honduras, 48.62 metres.—Reached R5 on Sunday, but was too gushy to be readable.

3ZC, Christchurch, 46.3 metres (about).—Friday, volume good, with slow fading.

Moscow, 45 metres (about).—Every morning from a very early hour at good volume. Like RU15, there is plenty of talk.

VK3ME, Melbourne, 31.55 metres.—Saturday night, from 10 p.m. R9 with test records, readings and relay of 3LO.

NW2XAF, Schenectady, 31.48 metres.—"Lucky Strike" hour till 4 p.m. on Sundays and RKO programme till the same time on Saturday, reaching R8 in volume.

Zeesen, Germany, 31.38 metres.—Has been coming in at excellent volume and quality, best about 6.30 a.m., when they are easy R9. On Monday morning at this time German announcements were heard, followed by the latest American jazz (the words being in English).

WIXAZ, Springfield, Mass., 31.35 metres.—Does not reach good volume during the afternoon as a rule, but at 12.30 a.m. with their "Rising Sun Series" they are quite good, reaching R8.

PCJ, Holland, 31.28 metres.—Back again to something like normal volume, but is troubled with morse interference.

DHO, Nauen, Germany, 26.2 metres.—Saturday at 11.45 p.m. music R8-9, talk between items being much weaker. Still good after midnight.

G5SW, Chelmsford, 25.53 metres.—Volume and quality has much improved when opening at 7 a.m. There is still a rapid fade, but readability has, on most mornings, been quite good.

12RO, Rome, 25.4 metres.—Very good each morning, volume being R9 at 6.30 a.m.

W8XK, Pittsburg, 25.25 metres.—This station is later in reaching readable volume now, 7 a.m. being the best time.

W2XAD, Schenectady, 10.5 metres.—Has only been heard on a few odd mornings recently.

N.Z. Short-wave Club

Very Much Alive

THE committee of the club have been exceptionally busy, and are making arrangements for a very interesting lecture and demonstration, which will probably be held on the third Wednesday in March, particulars to be published later.

The Electric Lamp House, Manners Street, Wellington, has offered to donate a valuable trophy for the best home constructed S.W. set, constructed by members. The set will be tested, and the award will go to the one that gives the best results, irrespective of design.

Arrangements are to be made for the formation of a class in Morse code, as many people are desirous of learning the code.

Since last meeting several members have had a practical demonstration of tuning a short-wave set, and are now benefiting as a result.

Many inquiries are coming in, and the roll is increasing. The honour of being the first member belongs to Mr. J. Donnelly, of Wellington, who has the call NZ1W. The first member outside Wellington City is Mr. Edward Bond, of 9 Grant Street, Dunedin, who is NZ1D.

Several designs for the club's badge were drawn by Mr. W. E. Jamieson, and quotations have been received for badges, report cards, and membership certificates.

The first lecture will probably be on making out a report, and a demonstration of an oscillator, showing how signals are received with the various R. strengths.

Judging from the secretary's mail, there appears to be a number of listeners who have S.W. sets and have laid them aside, disappointed with the whole business. Usually it has been due to the lack of the simple necessary assistance. With the band of experienced listeners and technicians in the club, it is hoped to make short-wave more popular than ever.

Arising from a meeting of three men in a little room on January 3 last, the club has done remarkably well, and per medium of the Radio Press, has been broadcast from Auckland to the Bluff, showing that there is a real live interest in radio. We want to further that in-

terest, and the trophy generously donated by the Lamp House will greatly help by encouraging listeners to build a set. In building a set lies the knowledge of radio principles, and we want to encourage the experimenter because there are many things to be found out still in radio.

Country members desiring a pen pal to write to on radio, should send the secretary a line, and any information on items of interest will be acceptable. It is hoped to get listeners in various districts to assist us in getting members because, the more we get, the better the work we can do, and, if the overseas stations find N.Z.S.W. report cards arriving, they will pay attention and do something for us, for information arriving from here is exactly what they want.

Address any communications to A. B. McDonagh, secretary, N.Z. Short-wave Club, 274 Cuba Street, Wellington.

Useful Tips

ONE of the most important points in the care of an accumulator is to obey the manufacturer's instructions regarding the rate of charge and discharge.

UNLIKE howls due to too much reaction, etc., the low-frequency howl is distinguished by the fact that it does not vary with the tuning or reaction adjustments.

VERY often a slight roughness in reproduction can be cured by the simple expedient of connecting a grid leak across the secondary terminal of the audio-frequency transformer.

NEVER use twisted flex for taking aerial and earth leads away from the set, for the aerial should be kept as far away from the earth wire as possible.

FOR SALE OR EXCHANGE

The rate for small advertisements under this heading is 1/6 cash for 20 words, and twopence for every other word thereafter.

SALE.—Radio apparatus, sets and accessories; 20 per cent. off list prices. Send for lists. Limited time only. Ultimate Radio Service, Kaitia.

MEN of 50! Restore the strapping figure of your youth by taking Youth-O-Form Capsules. 6/6 Posted. A. C. Timms, Chemist, Pahiatua.

WE repair Battery and Electric Radios, Speakers, Eliminators. Estimates given. Latest appliances. Valves tested free. R. H. Co., 553, Colombo Street, Christchurch.

REDUCE without discomfort by taking Youth-O-Form Capsules. 20lb. reduction 6 weeks. 6/6 posted. A. C. Timms, Chemist, Pahiatua.

£26 Triple Screen-Grid Metrodyne Chassis and Dynamic, less valves. Powerful, easily tuned, Phono. Connection. R. H. Co., 553 Colombo Street, Christchurch.

£14. 7-Valve all-electric chassis, complete with Valves and M.P.A. Speaker. Absolutely new and guaranteed six months. Wonderful bargain. N. R. Cunningham, Ltd., Box 147, Masterton.

WONDERFUL Surf Girls with beautiful figures secured by taking Youth-O-Form. Absolutely harmless. 6/6 posted. A. C. Timms, Chemist, Pahiatua.

AERIAL Wire, 100ft., 3/-; Tinned, 3/6; Heavier, 4/9, 5/6, 6/-, 7/-; Lead-ins, 25ft., 2/-. R. H. Co., 553 Colombo Street, Christchurch.

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