

SAFEGUARD YOUR**INVENTION!**

Consult **HENRY HUGHES LTD.**
DIRECTORS: W. E. HUGHES & I. T. HUNTER
REGD. PATENT ATTORNEYS, 214-217 D.I.C. BLDGS., WELLINGTON

EARN PROMOTION!

Spend a little spare time in study—I.C.S. training will make you worth promotion. Some of the I.C.S. home study Courses are:

Diesel Eng.	Aeronautical
Electrical Eng.	Aero Fitters
Foundry Work	and Riggers
Architecture	Radio
Drafting	Fashion Drawing
Building	Window Display

Send for Free Prospectus stating your subject, trade or profession. No obligation—but act NOW if you wish to get on.

**International
Correspondence Schools,**

182Z Wakefield Street, Wellington.

When Your Set Fails!

Get a Qualified Serviceman

The following is a list of servicemen and firms employing servicemen who are fully qualified under Government Regulations, and we strongly advise our readers to employ **Only Qualified Men** and get the job done properly.

AUCKLAND.

S. D. Mandeno & Co., Chnery Ch. 44-265

BLenheim.

Thomson's Music Shop.
Rabone Bros., Phone 1524.

HUTT AND PETONE.

Len Jenness, 238 Jackson St. Ph 63-433

HAMILTON.

G. S. Anchor, Radio House, Tel. 2143.

NEW PLYMOUTH.

Nimmo's Radio Service, Phone 439.

WELLINGTON.

Begg's Radio Service, Phone 40-120.
Scientific Engineering Service, 41
Dixon St. Phone 52-431.

CHRISTCHURCH.

Tricity House, 209 Mchstr. St. 35.051.

DUNEDIN.

Wholesale Rad. Dealers, Hanover St.

OAMARU.

K. A. King, Thames Street.

HUNTLY.

Huntly Radio Service, Phone 80.

DARGAVILLE.

H. Gaukrodger Ph. Day 25k. Ngt 118m.

TAURANGA.

Radio Specialties, Phone 83M.



ON June 19, at 11.50 p.m., I was surprised to find Germany at R7, QSA 4-5 on 16 metres, with another station midway between there and the 19-metre band. Messages were called out to Messrs. Henderson, Hataitai; Owens, Brooklyn; Connor, Auckland; Galloway, Te Awa-mutu; Race, Dunedin; Seldren, Nelson; Dunvig and De Larcia. Then, to someone who had written in German, a reply in that language. If those who identify themselves will write me I will post them a copy of the message. At the conclusion of the calls they went on to a "Little German A B C," which is the weekly German lesson given at this time.

S.S. Kanimbla Does Not Verify.

One of my members, Mr. Toms, of Wellington, advises me that he has received a reply to his report to 9MI. They state that the station on the ship is experimenting for their own purposes.

China Appears Again.

The station I mentioned as due to appear in Shanghai was R6, QSA3-4 at midnight alongside 2ME, on the 31-metre band. This station must not be confused with CQN at Macao, Portuguese China, which is on the high frequency side of 2ME and right alongside YDB, Java.

Frank Andrews, of KFI, writes that when JVM, Japan, has an interval it is because the girls bring in the trays of tea and cakes for the announcers, and performers.

Quite a lot is going on down on 10 metres by all accounts. I understand there are some relays of American broadcasts. It is not generally known that 2ME has been broadcasting simultaneously on 7 metres, for quite a long time.

Misleading Reports.

Recently I have come across some rather peculiar reports, and so a word to beginners will not be out of place. Don't juggle with different times. New Zealand is now on standard time, which is known all over the world as being 11½ hours ahead of Greenwich mean time. To say N.Z.S.T. 28.00 is entirely wrong and confusing. Greenwich time is used universally, North America makes allowance for their five hours' difference and so on around the globe. If 2XAF announces that it is 1 a.m. Eastern standard time, this can be mentioned, but unless one is an expert in transposing times it is far better to use N.Z.S.T. A note can be added that we are 11½ hours ahead of G.M.T.

Then the items. Stations want about four to six definite items, which they will compare with their programme. Do not overrate signal strength. A station can be only R5 (signal strength) and yet be QSA5 (that is 100 per cent. readable).

Always listen for the call or station

signal if one is used. I find a number of people rely far too much on station lists. As an example a young lady assured me that they received Austria at 10 o'clock every night, and pointed to a station list. We must remember the song, "When it is Night Time in Italy it is Daylight Over Here." Eight o'clock seems to be the universal time for the night programmes, and therefore a little time spent with the time chart will result in hours saved in blind tuning. A good idea is to have a pad and jot down dial numbers and times you receive stations. A little practice—and you will automatically remember them. Also, a note book for entering items from these pages which give you the wavelength and time of anything new on the air.

The Russian testing daily from 11.3 a.m. on 31.31 metres is the same transmitter as is used for the Moscow broadcasts. He announced these tests at 3.30 a.m. on Monday morning, and has been heard in Australia. RNE on 25 metres (12 m.c.) still broadcasts on Sundays and Wednesdays from 10.30 to 11.30 p.m., and may be heard at about R1, or an occasional word or two on the peaks of the fade. The station on 35 metres is a harmonic of RV15; overseas people say it is a dual transmission, but back in 1930 we used to hear this harmonic.

Transmission Schedules**VK2ME and VK3ME**

TRANSMISSION schedules for VK-2ME and VK3ME during July will be as follow:—

VK2ME, 31.23 metres, 9,590 m.c.: Sundays, 3 p.m. to 5 p.m., 7.30 p.m.-11.30 p.m.; Mondays, 2.30 a.m. to 4.30 a.m.

VK3ME, 31.5 metres, 9,51 m.c.: Nightly Monday to Saturday (inclusive), 7 p.m. to 10 p.m.

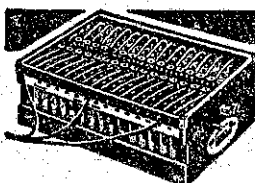
Times are E. Aust. S.T., which is one and a half hours behind N.Z.S.T.

All the Practical Calls of the
World are listed in the latest
Winter Edition, (1936), of the
**OFFICIAL REVISED
RADIO CALL BOOK**

This book (the hand book of the DX Club), will direct you immediately to any shortwave or broadcast station in the world.

PRICE 1/-

All Booksellers.

**FREE**

Write for Johns Ltd. big
Radio and Accessories
Catalogue.

DISCARD DRY BATTERIES

RADIO ENTHUSIASTS! Get rid of your expensive Dry "B" Batteries. MILNES "B" ACCUMULATORS not only give you better reception, but you charge them yourself from your 6-volt accumulator at practically no cost. Save pounds annually by investing in Milnes. Obtainable on easy terms. Send 3d. in stamps for interesting 24-page descriptive booklet.

JOHNS LTD., Box 471, Auckland