

Notes and News

PCJ Experiments with Directional Aerials.

A LETTER just received from PCJ states that they are experimenting with a new B and C antenna. The B is directed to the East, C is directed to South America, and A is the old antenna radiating in all directions.

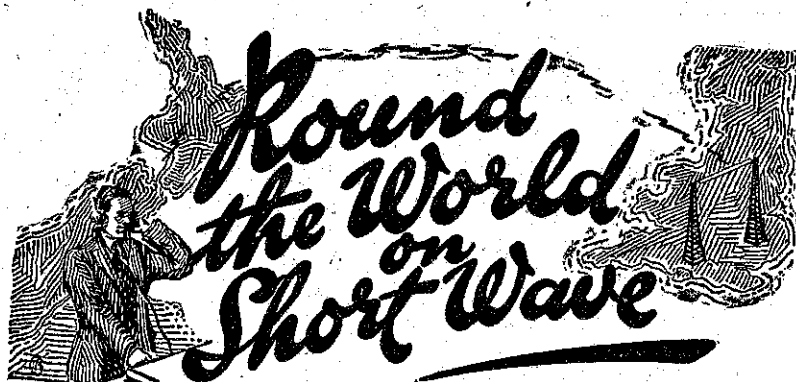
News from the United States.

AN interesting and newsy letter has just been received from Mr. Joseph B. Sessions, Connecticut, U.S.A. The following extracts will interest N.Z. listeners:—

12RO, Rome. "One of our strongest foreign stations at the present time is 12RO, Rome, on 25.4 metres, they come through very well in the afternoons and early evening here."

Chi Hoa, Indo-China (Saigon). This station is heard in the early morning, but is spoilt by local interference.

NRH, Costa Rica. "I am very pleased that our mutual friend, Cespedes, of NRH fame, has recently received a great many letters from New Zealand and Australia. I have received a letter from him to-day (Dec. 29, 1930), in which he advises that he has just about completed the construction of an entirely new 75 watt transmitter and expects to be on the air within



a week. I shall be anxious to learn from you how you receive him when he gets this new outfit in operation."

KIO, on 25.6 metres. "I am also anxious to know if you hear KIO, Kauhuku, Island of Oahu, Hawaii. They operate irregularly on about 25.6 metres with 1 k.w. of power, and are generally talking to California or Manila."

W9XAA have just started testing on 25.34 metres.

Result of Competition Programme from W9XAA.

MOST readers will remember that on October 4, 1930, a special international programme was broadcast from W9XAA, Chicago, on 49.34 metres, for which many prizes were offered for the

VS1AB, Singapore.

A TRANSMITTER at Singapore, operating under the call-sign of VS1AB, on 41.7 metres, carries out regular broadcasts of gramophone music on Mondays, Thursdays and Saturdays from 2.30 a.m. till 4 a.m., N.Z. summer time.

Sir Hubert Wilkins from W2XAF, Schenectady.

MR. W. BRIDEN-JONES (Palmerston North) reports hearing a special transmission from W2XAF on the 25th inst., when, after the American cartoonist, Mr. Robert Ripley, spoke for a few minutes, soon after midnight our time Sir Hubert Wilkins spoke to Australia. After sending greetings to all his friends, he spoke in complimentary terms of the American people. Later, he outlined his movements prior to setting out for the North Pole. He expects to leave New York early in May for London, later going to Norway for the crew. He expects to be the only Englishman in the expedition. The journey will start from Norway for the 3000 miles trip under ice in the submarine specially equipped for the adventure. The craft is fitted with seven tubular drills (two are 120 feet long). They will be able to stay under the water for six days, and, when necessary, drill through the ice, which they do not expect to be thicker than 20 feet, for fresh air. On arrival at the Arctic circle it is intended to establish stations to study weather conditions.

Sir Hubert concluded his speech at 12.58 a.m., wishing his friends in Australia good luck for 1931.

Mr. Briden-Jones says that 2XAF was RS, reception being very good. The main Australian stations rebroadcast the speech.

The Shortwave Club

KEEN interest has been shown in the Shortwave Club which has just been inaugurated in Wellington.

The Add-A-Phone, The Wonderful ADD-A-PHONE

His Majesty The King's speech—Prime Minister's speech—All great and stirring events are given to the world by Short-Wave.

The ADD-A-PHONE picks them up and puts them through your set.

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The N.Z. Short-Wave Listeners' Club recognise the world's great trend to short-wave.

Add an Add-A-Phone to your outfit and join the club and listen in to the world.

MACK'S RADIO SERVICE

76-77 Kent Terrace, Wellington.
'Phone 23-448.



MR. IVAN O'MEARA,

the famous Gisborne amateur who annexed first prize for report of an international programme broadcast from W9XAA.

best reports sent in from any part of the world.

The International Short-Wave Club report that letters were received from every continent, but that only one award was given to a listener in U.S.A. as signals skipped over almost all sections of that country.

The first prize, a complete ten-valve receiver, donated by the H. M. Kipp Co., Toronto, for the best report from a long-distance was awarded to Mr. Ivan O'Meara, Gisborne, New Zealand.

Other prize-winning New Zealanders are as follow: Mr. Dudley T. Huston, Timaru, a Sessions Chime Clock; Mr. R. T. Stanton, Christchurch, a pair of head phones; Mr. W. I. Inglis, Wellington, a pair of head phones; Mr. C. B. Dredge, Palmerston, valves; Mr. H. F. Adcock, Masterton, valves. Congratulations to all the above.

Indian Short-Wave Stations.

THE Bombay and Calcutta broadcasting stations are carrying out experimental relays on 49.1 metres and 25.27 metres respectively.

N.Z.'S OWN RADIO BOOKSHOP,

The TE ARO BOOK DEPOT, Wellington. (Read this advt. weekly, as new stocks arrive every overseas mail, which prevents us issuing a stationary catalogue.)

We have the largest stocks of radio literature south of the line. We cater for engineers, wireless colleges, amateurs, broadcasters and beginners. Your money returned if books sent are unsuitable and sent back promptly in good condition.

LOOK AT THIS LIST:—

- "Radio Manual," by Sterling and Kruse, 2s/-.
- "Practical Testing Systems," by Rider, 6/6.
- "Worked Examples of Electrical Technology," by Peasgood and Boyland, 18/-.
- "Radio Physics Course," by Ghirardi, 14/-.
- "Radio News Handbook, 1930," 2/6.
- "Radio News 1001 Radio Questions and Answers, 1930," 2/6.
- "Radio News 101 Hook-ups," 1/6.
- "How to Electrify Your Set," by Osgood (U.S.A.), 1/6.
- "The All-Electric Receiver" by "Listener-In" Publishing Co., 3/6.
- "Radio: A Study in First Principles," by Burns, 11/-.
- "Mathematics of Radio," by Rider, 10/6.
- "Radio Operating Questions and Answers," by Nilson and Hornung, 14/-.
- "Radio Amateur Handbook" (Handy's) latest edition, 5/3.
- "Radio Amateur Call Book" quarterly, December, 1930, 5/3.
- "Theory of Radio Communication," by Filgate, 12/-.
- "Principles of Radio Communication," by Morecroft, 41/6.
- "Elements of Radio Communication," by Morecroft, 19/-.
- "Direction Finding," by Keen, 27/-.
- "Radio Data Charts," by Beatty, 7/6.
- "Seeing by Wireless" (Television), by Ralph Stranger, 1/6.
- "Collins's Wireless Diary, 1931," 4/-.
- "Thermionic Vacuum Tubes," by Van der Bijl, 26/-.
- "Radio Receiving Tubes," by Moyer and Wostrel, 14/-.
- "How Radio Receivers Work," by Roberts, 8/-.
- "Radio Design," 1/- per copy.
- "Radio Engineering" (a monthly issue), 21/- per annum.
- "Wireless, the Modern Magic Carpet," by Ralph Stranger, 4/6 (favourably reviewed by Editor "Radio Record").
- "Radio Citizen's Call Book," quarterly, latest, November, 1930.

Write us Now.

TE ARO BOOK DEPOT,

64 Courtenay Place, Wellington.

At our invitation many suggestions were sent to the acting-chairman, Mr. Sellens, and the acting-secretary, Mr. McDonagh, and these will be considered at a general meeting. This will be held at 7.30 p.m. on Monday, 9th, in the small Conference Room of the Dominion Farmers' Institute Building, Featherston Street, Wellington. All short-wave enthusiasts are invited and should come armed with suggestions concerning the policy and activities of the club.

Short-wave News

MR. R. T. STANTON (Christchurch) has recently received a letter from Java which states that they have four transmitters for working telephony with Sydney, Bangkok, Europe and Saigon, as follow:—

PMB, 14.56 metres.
PLE, 15.93 metres.
PMC, 16.53 metres.
PLM, 24.46 metres.

PLE broadcasts a programme of music every Wednesday from 1.40 a.m. to 3.40 a.m. N.Z. time.

ARE YOUR HANDS TIED?

Are you bound down because you have never learned to do any one thing well? To thousands of men like you—hands tied, but eager to break free—I.C.S. training has brought success. No matter where you live, the I.C.S. will come to you. No matter what your handicaps, or how small your means, we have a plan to meet your circumstances. Without cost or obligation let us prove that we can help you to get a better job and a bigger salary. Write or call.

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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.

"MIRACO" five-valve single dial set complete with "B" battery eliminator, "A" storage battery and charger, for £20; a snip. Apply "Miraco," C/o Box 34, Waimate.

SOCIETY lady's secret! Reduced 20lb. in 6 weeks without discomfort 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.

RUBBER garments, dieting and exercising not necessary to reduce weight if you take Youth-O-Form Capsules. 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.

DON'T starve to reduce weight! Take Youth-O-Form Capsules. Absolutely harmless. 6/6 posted. A. C. Timms, Chemist, Pahiatua.

EVERY Radio enthusiast should have JOHNS, LTD.'s wonderful Radio Catalogue. Everything for Radio. Post free. Johns, Ltd., Chancery Street, Auckland.

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