

is absent. I have heard speech R max. but readability R2 owing to poor operation.—"Metre" (Huntly).

Identifying Europeans.

I AGREE with Mr. Ellis about 5AD and 5KA. I have yet to log the latter. However, I do not agree with his other suggestion that all Australians should be cut out, as many of them are very difficult to log in some localities. I also agree with 90 OC. (Dunedin) about guessers, but if anyone can tell me another way to identify European stations, except by comparing frequencies with other identified stations, I will be grateful to him. DX260C will have to give more particulars before we can help him as there are sometimes six European stations sharing the same frequency.—H.F.A. (Masterton).

Australian VK's.

DX240C, Dunedin: Verification has just been received from 6ML, Perth, which now operates on 264 m. (1135 k.c.). N. Jenkins (Masterton): I have heard from VK3GK, S. C. McLean, 6 Flood Street, Seddon, Victoria. The transmitter is crystal controlled with 20 watts input. Wavelength is 199.9 m. (1550 k.c.). 3GK was logged on September 6, and verification received Oct. 1. A recent card from VK3HB, Brighton Beach, gives their schedule as Thursdays and Saturdays from 11.30 p.m., and Sundays 8 a.m. to 10 a.m. and from 10.30 p.m. Melbourne time. Power is 25 watts and wavelength 214.2 m. (1400 kc.).—A.I.B. (Dunedin).

CJOR Logged Last Year.

IN the issue dated Oct. 2 several DX-ers report a Canadian station CJOR, Sea Island, Vancouver, British Columbia. I first heard this station on December 19, 1930, and later received a verification stating that this was the first authentic New Zealand report. Frequency 1210 k.c. (248 m.), and power 100 watts aerial input. KDKA, 980 kc. (306 m.), was heard on Oct. 4 at R7, QSA 3-4, reading letters and delivering messages to members of expeditions, etc. Call was given as KDKA and W8XK. In a recent verification from KWG, Stockton, California, power 100 watts, he remarked that my report was the best received from New Zealand. I would also like to support DX36A's (Otorohanga) suggestion that when European stations are listed, the call letters be given where possible, and also the identification signals. I have heard many of the early morning stations, but have identified none yet. I often hear one which broadcasts what sounds like a time signal with the usual pip, pip, etc., followed by a longer "peep," this being repeated a few times. Does any station use this as an identifying call?—C.V.B. (N. Auckland).

Concerning Aerials.

G. W.B. (Birkenhead): In my opinion the oblong-shaped aerial you propose to erect will not be as good as an efficient Beverage. I have tried eight chains of wire in a "Z" shape and have found that the same length straightened out gave much better results. Has any DX-er in Christchurch heard CJOR, Sea Island, British Columbia, lately? I heard him between 2YB and 3DB.—DX23MC (Christchurch).

Postage to Japan.

AMONG a batch of verifications recently received from Japan, one from JONK. Ngana, has a P.S. which reads as follows: "For your information we might perhaps just mention that almost every letter from New Zealand to radio stations in Japan has insufficient postage, and we have to pay 4 sen as a penalty in order to accept such letters. This is because such letters have only 2d postage instead of 2½d." I should be pleased if you will give this information prominence, as DX-ers generally have no desire to place the stations they write

to to extra expense, but unknowingly do so owing to lack of knowledge of postal charges to foreign countries.—DX6MW (Westport).

Two South Africans Logged.

RECEPTION has been good in the Hamilton district lately, but early morning stations are fairly weak. Bratis-

A Request from KGMB

FOLLOWING is an extract from a letter received from the manager of station KGMB, Honolulu, which operates on 1320 k.c. (227 metres):—

"We usually receive twenty-five to fifty requests each month from your part of the world asking for verification of reception of KGMB.

"May we ask you to impress on those writing us that they endeavour to give us names mentioned in sponsorship in preference to titles of songs or talks, and, above all, the make of receiver used. Such data is valuable in contracting the sponsor for new or repeat business, as you know we of U.S. and possessions run our broadcasting stations for profit by selling programmes."

This station's new address is: Honolulu Broadcasting Coy., Ltd., 6th Floor, 119 Merchant Street, Honolulu, Hawaii.

lava and Bolanzo are both good. My latest loggings include CJOR, 1BZ, on 453 m. (662 k.c.); 2TJ, South Africa, on 452 m. (664 k.c.); and 2TC, Cape Town, on 361 m. (830 k.c.). The last two were not very strong, but I heard sufficient to take notes and send for verifications. I have recently received a card from HSPI and 4BC. I wish to thank those DX-ers who have assisted me in identifying stations for which I now have definite verification.—"Dig-ger" (Hamilton).

3ZC, Christchurch

Broadcast Schedule

ONE of the most popular B stations in the South Island is 3ZC, Christchurch, owned and operated by the 3ZC Broadcasting Service, Limited. A generous schedule providing for transmissions occupying over thirty hours weekly is maintained, while the programmes are always bright and varied. Station 3ZC transmits from Edison Hall, 230 Tuam Street, Christchurch, every day, including Sunday. The power used on the broadcast band is 250 watts. Recent improvements have been made in the plant until the modulation and quality of the transmission now reach a very high standard. The station can be received at good loudspeaker strength during the evening from Hamilton, Palmerston North, Gisborne and Napier in the north to Dunedin in the south. Good loudspeaker reception has also been obtained in Invercargill and Auckland. The schedule, which has been altered recently, is as follows:—

On 1200 Kilocycles (250 m.).

Monday: 10 a.m.-11.30 a.m.; 12.0-2 p.m.

Tuesday: 10 a.m.-11.30 a.m.; 12.0-1.30 p.m.; 2.30 p.m.-4.30 p.m.; 5.45-10.15 p.m.

Wednesday: 10 a.m.-11.30 a.m.; 12.0-2 p.m.; 7.30 p.m.-11 p.m.

Thursday: 10 a.m.-11.30 a.m. 12.0-2 p.m.

Friday: 10 a.m.-11.30 a.m.; 12.0-2 p.m.

Saturday: 10 a.m.-12.30 p.m.

Sunday: 10 a.m.-11.30 a.m.; 6.0 p.m.-7 p.m.; 8 p.m.-10.0 p.m.

In order to secure a contrast to 3YA's Sunday broadcasts, there are no church or religious transmissions on that day. The 6-7 p.m. session consists of dinner music.

On 6000 Kilocycles (50 m.).

Wednesday: 3.0-4.30 p.m.; Friday, 7.0-8.30 p.m.; Sunday, 7-8 p.m.

Australian Programmes

N.Z. Standard Times

Wednesday, October 14.

STATION 2FC.—9.40 p.m. and 10.31 p.m., Muriel O'Malley, contralto; 9.58 p.m. and 10.58 p.m., Clement Q. Williams, baritone; 10.6 p.m. and 10.51 p.m., Haydn Beck, violinist; 10.13 p.m., Beatrice Tange, pianist, and the N.B.C. Orchestra.

2BL.—9.30 p.m., 9.53 p.m., 10.48 p.m., and 11.20 p.m., the Rainbow Choir; 9.45 p.m., 10.30 p.m., and 11.30 p.m., the Quine, popular songs.

Popular Three, instrumentalists; 9.42 p.m. and 11.27 p.m., Nancey Stewart, monologues; 10 p.m., A. B. ("Banjo") Patterson, in "Word Pictures of Men and Manners Outback"; 10.44 p.m., Carlton Fay, novelty pianist.

Thursday, October 15.

STATION 2FC.—9.30 p.m., 9.47 p.m., and 10.49 p.m., the A.B.C. Military Band; 9.40 p.m., 10.29 p.m., and 11 p.m., Molly de Gunst, soprano; 9.57 p.m. and 10.35 p.m., Clifford Lathlean, basso; 10.4 p.m., Joyce and Inez Lang, harp and violin; 10.14 p.m., Scott Alexander and partner, in "Cold 'Ands," a short radio sketch.

2BL.—9.30 p.m., the "King's" Concert Party, broadcast from the Anzac Rifle Range, Liverpool.

Friday, October 16.

STATION 2FC.—9.30 p.m., the annual smoko of the League of Ancient Mariners of N.S.W.

2BL.—9.40 p.m. and 10.44 p.m., the Neapolitans' Vocal Quartet, 10 p.m. and 10.34 p.m., "Cash and Carrie," entertainers; 10.10 p.m., Vincent Aspey, violinist; 10.7 p.m., Molyneux Philips and Peter Sutherland, tenor and basso.

Saturday, October 17.

STATION 2FC.—9.40 and 10.35 p.m., Alfred Lennard, tenor; 9.57 p.m. and 10.42 p.m., Iris de Cairos-Rego, pianist; 10.8 p.m. and 11 p.m., Herbert Leigh, entertainer.

2BL.—9.30 p.m., 11.14 p.m. and 11.36 p.m., the Ashfield District Band; 9.40 p.m., "Piebald Philosophy," by Percival; 9.50 p.m., cornet solo; 9.53 p.m. and 11.7 p.m., Phil Smith, comedian; 10 p.m., description of boxing contest at Sydney Stadium; 11.43 p.m., Grace p.m., and 11.30 p.m., the Quine, popular songs.

AMERICAN REPLICAS

For American-type receivers there is a series of Philips Valves which can be used to give improved reception.

NEW REDUCED PRICES for PHILIPS A.C. VALVES

F 109A	(226)	10/6
F 209A	(227)	12/6
F 242	(224)	16/-
F 203	(245)	12/-
C 603	(171A)	15/-
F 704	(250)	50/-
1560	(280)	12/-
1562	(281)	45/-

W00R.

PHILIPS VALVES

Advertisement of Philips Lamps (N.Z.), Ltd. Head Office: P.O. Box 1673, Wellington. Branches: Auckland, Paykel's Bldg., Anzac Avenue. Christchurch, 226 Tuam Street.

