

obtained by utilising the voltage drop across this field. However, we would advise you to use the type of dynamic speaker specified rather than your inductor dynamic.

"RANGI" (Rangihua): I have a five-valve battery set. When music is being reproduced distortion is present, which, however, is not apparent on speech.

A.: Either the audio valves have lost their emission or they are not correctly biased. The incorrect bias may be due to either a run-down "B" or "C" battery.

Note: If you are planning to replace your valves, do so with the types you are at present using.

N.Z. Short Wave Club Notes

From the Secretary's Pen

SHORT-WAVE reception seems to be on the up-grade again. Our old friend, VE9GW, which we thought to be W8XAL, at times comes in quite well round about midnight.

The chief drawback of portable sets is the "A" battery. If one prefers to take an accumulator instead of dry cells, some precaution must be taken for fear of spilling acid. Some years ago we used to put glass wool into the accumulators in order to lessen the chance of an accident. When handling glass wool much care is needed, and none should be allowed to touch the face, as powdered glass, if allowed into the system, is very harmful.

We constantly receive letters from overseas asking us to identify senders of reports, owing to the fact that the writers omit their names and addresses. In the case of club members, it is an easy matter to identify them owing to our system of calls. Will all listeners please see to this and thus save cards going astray?

A very mistaken idea is still in vogue. If there is a howler "sitting" on a station, to give him a "blast in the ear" to drive him off has absolutely no effect, for, while he is howling, he cannot hear it, and innocent people have to suffer. The only cure for howlers is to teach them how to tune; this may sound strange, but perhaps in our efforts to get results we have howled when we first took up the game.

Address all letters to A. B. McDonagh, secretary N.Z. Short Wave Club, 4 Queen Street, Wellington, E1.

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.

FOR SALE—Blue-Spot (Ideal) Pick-up complete with built-in Volume Control and Cord. Price, 17/6. Pick Up, care "Radio Record."

WANTED—Local Electric Receiver, in good condition. Cheap. Price and particulars to "Cheap," care Box 1032, Wellington.

FOR SALE, Cabinet Model 7-Valve Electric Receiver. In excellent condition. Wide reception. Any reasonable offer accepted. Electric, care Box 609, Wellington.

THE WORLD ON SHORTWAVE

By F. W. Sellens

Empire Station Transmissions.

THERE will be two broadcasts of general interest from the Empire station this week.

The Lord Mayor's Show, as usual, takes place on Thursday, November 9. An eye-witness description of this historic event is to be broadcast to Home Listeners; at the same time an electrical recording will be made, which will be transmitted from GSD and GSF at 8.15 p.m. our time, the following day, Friday, November 10.

The Prime Minister, the Rt. Hon. J. Ramsay MacDonald, will make a speech at the annual Guildhall Banquet, which

Special Test for N.Z.

MR. E. W. WATSON, of Christchurch, advises the N.Z. Short Wave Club that VK3FY will transmit from 10.30 to 11 p.m., and from 11.38 to 1 a.m., Australian time, on Friday, November 24, on two wavelengths, 80 and 222.1 metres. Listener's may report either direct, or to the Secretary, N.Z.S.W.C.

follows the Lord Mayor's Show. This speech will also be recorded and will follow the commentary of the "show."

The Armistice Day at the Cenotaph will be broadcast again this year. The original transmission will take place from 10.30 a.m. G.M.T. (10.30 p.m. our time the same day) on Saturday, November 11. This will be radiated omnidirectionally on GSG and GSF, and will also be electrically recorded for transmissions at other times more suitable for listeners. The service will be conducted by the Bishop of London. The Brigade of Guards' massed bands will play from 10.30 a.m. till 11 a.m.

Log for Week Ending Nov. 4

RV15, Khabarovsk, 70.1 metres.—This station has made another appearance toward the end of the week, after being silent for some time. On Friday, at 11 p.m., children singing came in very well at R8. They were up to R9 on Saturday. Static was bad both evenings.

HVJ, Vatican City, 50.26 metres.—Very weak now at 7 a.m., the only time that this station is on.

OXY, Denmark, 49.4 metres.—Tuned in at 6.20 a.m. on Saturday, when music was received at R5, static being bad. At 6.30 a.m. their studio clock struck the hour, but static prevented me from hearing their time. A long talk followed.

VE9GW, Bowmanville, 49.22 metres.—From about 12.30 a.m. Sunday at R6, fading to R3 by 1 a.m. Not much could be understood of what was said on account of static, but a number of call-signs were given, apparently those stations on the network.

W9XF, Chicago, 49.18 metres.—Audible most afternoons from soon after 4 p.m., but very weak, with background noises.

W8XAL, Boundbrook, 49.18 metres.—Was good volume on Sunday by 5 p.m.

W8KK, Pittsburgh, 48.86 metres.—Comes in well most afternoons. Sunday was the best during the past week, when they were R9 by 5.30 p.m.

REN, Moscow, 45.38 metres.—Usually goes off earlier now, but was good at R7 on Tuesday as late as 7.50 a.m.

VK3ME, Melbourne, 31.55 metres.—Very good on Wednesday and Saturday evenings till midnight, without the severe fading so common to this station.

W2XAF, Schenectady, 31.48 metres.—Very patchy reception now, very seldom being more than R5 during the afternoon. They are sometimes heard now during the morning, being weak at 7.30 a.m., and fading to just audible from 8.30 a.m. to 9.30 a.m.

GSC, Daventry, 31.3 metres.—Is good most mornings before 7 a.m., but, as a rule, gets weak soon after this time.

VK2ME, Sydney, 31.28 metres.—R9 on Sunday, a little gushy at first, later going into slow fades.

J1AA, Tokio, 30.5 metres.—Good most evenings, but not quite so loud now as a few weeks ago.

FYA, Paris, 25.63 metres.—Still the best station received here, but not till afternoons now. Is audible earlier, but quite weak. They always close just before 5 p.m. There was an English session on Wednesday till 4.15 p.m., when a lady gave a talk and announced the musical items.

GSD, Daventry, 25.53 metres.—Very poor during the early morning, but fair to good from 7.30 p.m. till 9.30 p.m. Gushiness is the only fault with this station now during this period, as volume is all that could be desired.

DJD, Zeesen, 25.51 metres.—Very poor most mornings, usually only just audible.

12RO, Rome, 25.4 metres.—Varies a lot, but poor most mornings. On Tuesday and Friday they were up to R7 from 7.30 a.m. to 7.45 a.m.

GSE, Daventry, 25.28 metres.—Saturday midnight, R6 down to R2 by 1.15 a.m. This was a transmission on the omnidirectional aerial.

W8KK, Pittsburgh, 25.27 metres.—Reaches readable strength of about R4 between 9.30 a.m. and 9.45 a.m., and then fades away again.

GSF, Daventry, 19.82 metres.—This station has improved a lot during the past week or two during the 7.30 to 9.30 p.m. session. It is now, as a rule, better than GSD, being about the same volume, but more steady.

FYA, Paris, 19.68 metres.—Commences a session at 1 a.m., when they come in at about R5—at least, they did on Sunday.

"KENNEDY" ANTENNA.

Hundreds in use throughout New Zealand.

Equivalent to the average aerial 75ft. long and 50ft. high.

Does away with lightning hazards, unsightly poles, stay wires, etc.

Increases selectivity, improves reception, minimises static and other interferences, gives clearer tone.

Price 17/6 each, post free.

Patentees and Manufacturers:

A. A. HASTINGS & CO., Ltd.

Electrical Engineers, Napier.

AGENTS WANTED.