

## Sporting

Friday, August 17: Metropolitan Trotting Club Meeting—3YA.

Saturday, August 18: North v. South Island (Rugby)—3YA; C.J.C. Meeting (last day)—3YA; Auckland v. Wellington (Rugby)—2YA; Second League Test—4YA; Club Rugby—1YA.

Saturday, August 25: Auckland v. N.S.W. (Rugby)—1YA; Canterbury v. Otago (Rugby)—4YA.

### BETTER RECEPTION

THE newly-formed North Shore Radio Club will hold a meeting at Daly's Hall, Hall's Corner, Takapuna, on Tuesday, August 21, at 8 p.m., when a special feature will be instruction to listeners in the control of regeneration and also fault-finding and elimination. Listeners are specially invited to bring sets that are giving any trouble, and have them attended to. This is a line of service that is capable of much development through such clubs, and it is likely to be followed by similar activity in other quarters.

## Auckland Notes

1YA gave a good taste of its quality as a relaying station on Monday evening, when it picked up the Schenectady broadcast on short-wave from WGY, and put it over for local listeners in splendid style. The achievement is one which promises further good things for the future. There is quite a general wish among listeners that our station should endeavour, during the present period of excellent reception conditions, to allow crystal users to hear the fine Wellington orchestra. This body of instrumentalists is exceedingly popular here, and suffers nothing in comparison with the more recently formed orchestra of the New South Wales Broadcasting Company.

THE most keenly followed radio account of football that has yet been sent out by 1YA. This was the general verdict upon the fine description of the League test, England versus New Zealand, which the province heard on Saturday afternoon. It was, too, so the writer understands, the first appearance of Mr. W. Davidson before the microphone. He knows the code and the players, and his initial effect should be followed by others equally successful from Carlaw Park. It certainly gave the Northern Union game a big boost, that was reflected in the astounding mid-week gate for the Auckland game.

LISTENERS are glad that the Broadcasting Company has taken up the cudgels in defence of their privileges. The relaying of racing accounts here was universally popular, as neither Press nor pulpit had raised a voice against it. It was a general belief that the local racing authorities were in no way averse to the customary procedure, which brought to an ever increasing body an attachment to the sport of kings. In consequence the sudden application of the closure came as a shock. Radio opinion is strongly behind the company in its efforts to have the ban removed, and failing this, it will heartily approve of any other methods for securing what papers themselves regard as important news. Our broadcasting stations would miss their most important function if they failed to cater for the information which their supporters crave.

BROADCASTING has yet several spheres of usefulness to cover, if the remarks of a committeeman at a recent meeting of a district bowling executive are to be taken seriously. The committee had discussed the

amount of time occupied in paying official visits to local clubs, and it was suggested that the aid of radio be invoked, and that the fraternal greetings associated with the ancient game be conveyed over the air. This suggestion did not appeal to one Scotsman. The expense of a radio set and of a license were points that he urged against the proposal, but his clinching argument was, "How can a mon gi' a whuskey to a friend over the wireless?"

EVERY sporting activity, with the exception of racing, is now fully catered for by 1YA, and the efforts of its staff are earning the gratitude of licensees. When one realises that in the privacy of his own home he is kept au fait with all that goes on in the world of sport, and all that is of importance in the news of the world, every argument against investment in a receiving set vanishes. 1YA is rendering a big service to the community here, and it will not be long ere that service is duly recognised in the one and only correct way—a rapid influx of applications for licenses. At present we are noticeably in the transfer stage. The crystal owner, thoroughly satisfied that he is getting the service which he expects, is developing into the valve set owner. He wants to hear all that is on the air. When his persuasive influence is felt, as it very soon will be, there will be a sudden and merited increase in the number of licenses in the Auckland province.

### A NEW LAST STAGE VALVE

A NEW valve has been developed by the Philips Laboratories on the new principle of utilising three grids. It is being designed expressly for last stage audio amplification.

This valve has the enormous amplification factor of 100 without adversely affecting the valve's ability to handle a large amount of undistorted power. The Philips B443 handles, it is claimed, three to four times the undistorted output possible from a single grid valve working under similar conditions. Previously last stage power valves have been made of low internal resistance in order to increase the amount of undistorted output that they would handle. This had the effect of causing the A.C. current passing through the loudspeaker to be less at high tonal frequencies than at low, with the result that these higher frequencies were glossed over. The special design of the B443 overcomes this without sacrificing the bass register.

The B443 is economical in operation for such a super-power valve, the nor-

mal plate current being 12 milliamperes, while the negative grid bias voltage is much less than usually required.

The filament consumption is but 0.15 ampere at 4 volts. The plate voltage may vary between 50 and 150, while the mutual conductance or slope is 1.8 m.a. per volt. The valve may be fitted into any ordinary set by connecting an extra wire from the B plus terminal to the screw connection provided on the side of the base.

An invitation is extended to every listener to a meeting of the Amateur Radio Society of Wellington, to be held in the Dominion Farmers' Institute, Featherston Street, Wellington, on the 21st August, 1928, at 8 p.m. Mr. W. M. Dawson, of the Technical Department, Phillips Lamps Co., is to give a lecture and demonstration on "Characteristics of Receiving Valves," which should prove interesting and beneficial to all "listeners-in."

MR. H. Kauper, who owns and operates station 5BG, Adelaide, an amateur outfit, is shortly to attempt picture transmission on 32 metres. Picture transmission probably means "stills," and does not require anything like the gear that moving scenes necessitate.

**BRITAIN'S  
BEST  
BATTERY**

**THE  
ADICO**

*Will Outlast  
any other Battery  
of similar size*

Sub - Agents Required throughout New Zealand.

Sole N.Z. Agents:

**LEVIN & CO.  
LTD.**

(Machinery Dept.),  
WELLINGTON.

When the jewels of the air are presented—  
"You're THERE with a Crosley."

### The New Model Crosley Jewel Box

Operates from Light Socket—Gives the Most Perfect Tone  
Try it in Your Home—That's the only way to buy a Radio.

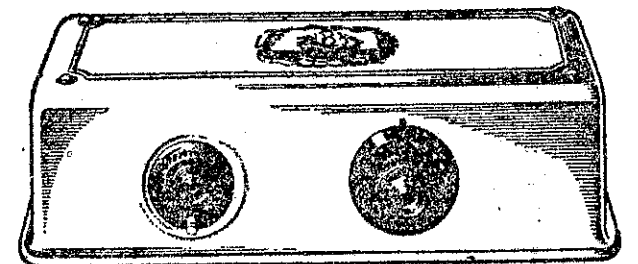
**G. G. MacQUARRIE, LTD.**

Crosley Radio Sales and Service.

95 WILLIS STREET Phone 45-865. WELLINGTON

## ATWATER KENT RADIO

MODEL 35.



MANY millions of people now know the ease, the clarity, the mellow tone of ATWATER KENT reception.

These ATWATER KENT characteristics are the standards by which all radio is judged. Hear ATWATER KENT to-day.

MODEL 35, Powerful, six-valve, FULL VISION Dial receiver shielded cabinet.

C. & A. ODLIN & CO.,  
LTD.  
New Zealand Distributors  
WELLINGTON