

carefully, or that they take the reference to a broadcast supposedly sent out by them as a compliment and let their card go. Some of these scalp-hunters are not at all scrupulous in their methods of obtaining "scalps." Of course, I am not referring to the N.Z. DX Club.

**THE** Radio Regulations are still causing a disturbance. I don't blame the dealers for making a noise. In the first place they need more elaboration; in the second place they do not protect the dealer; and lastly, though intended to clear up the position they have made it considerably more obscure.

## Coverage Commission

### Report Now in Hand

**THE** Report of the Coverage Commission is now in hand, but is not yet quite complete. We understand that it will be presented at the next meeting of the Radio Broadcasting Board, which will be held toward the end of July, and that shortly after that date it will be issued in full.

A meeting of the Advisory Council has been called by the Board for July 19.

### The Questionnaire

**WE** understand that the analysis of the questionnaire is taking a little more time than was anticipated, but that the work is proceeding steadily and should be completed before the end of July.

## Broadcast of Rugby

### Telegraph Department's

**IN** order to ensure the best possible reception of the shortwave broadcast from 2ME, Sydney, of the Rugby Tests, played at Sydney, the Broadcasting Board arranged with the Post and Telegraph Department for the use of the department's shortwave station at Mount Crawford.

In addition to this, the board has as standbys two other shortwave receiving points. By using Mount Crawford the electrical disturbances prevalent in most parts of the city can be avoided, and there is a better chance of the broadcast being picked up satisfactorily.

### 2ZW Sunday Concerts

**SOME** excellent Sunday evening concerts are being given at station 2ZW. Beethoven's Septet; Schubert's "Trout" Quintet; Mendelssohn's Overture; Tchaikovsky's beautiful Quartet in F Major (a beautiful new recording by the Buda-Pesth String Quartet); Haydn's delightful Symphony No. 13, have all been played during the last month. In order that listeners might not find these works tiring, some carefully chosen vocal numbers by each of the above composers were interspersed between the various movements of the compositions. An excellent idea!

# Suggested Radio Service Improvements

## Waihi Radio Society Remits

**AT** a recent meeting of the newly-formed Waihi Radio Society, the following remits, dealing with suggested improvements to the existing broadcasting service of this country, were passed:—

- (1) That the most urgent requirement is one continuous daytime transmission (including Sundays) of sufficient energy to be audible at full speaker strength everywhere in New Zealand on a good receiving set.
- (2) That after all the A stations in New Zealand and Australia have been allotted the most suitable positions on the broadcast band of frequencies, there is no objection to unsubsidised private B stations so long as there is no danger of their heterodyning with A stations.
- (3) That the B stations have the monopoly of over 55 per cent. of the broadcast bands (as well as odd places on that part reserved for A stations). This it seems to us is more than their fair share, and causes crowding of the A stations in New Zealand and Australia. Most of them have little or no entertainment value in this district.
- (4) The consensus of opinion of members of this society re the local

## N.Z. RADIO INSTITUTE

Advice has been received that a meeting of the newly formed Radio Institute will be held at the board room of the New Zealand Employers' Federation, No. 8 The Terrace, Wellington, on Wednesday, July 6, at 7.30 p.m. The business includes incorporation, and the election of officers. A hearty invitation to be present is extended to all those professionally engaged in radio, as the meeting is a very important one.

sons why practically perfect daylight reception should not be universally available except with rare exceptions. There are certain factors which cannot at present be overcome in the case of night reception, but which do not interfere with daylight reception. Thus in daylight there is:—

- (a) No distortion.
- (b) No fading.
- (c) No heterodyning, and
- (d) Static is rarely troublesome.

Practically the only interference with daytime reception is associated with the transmission and use of electric energy, and this could be greatly reduced by increasing the power of the radio transmission, as well as by the co-operation of power boards and users of electrical appliances. A single 50 kw. transmitting station would adequately serve the whole of New Zealand during the day; the cost of programmes would be no more than for a 5 kw. station, the same staff could operate it, and the extra cost of the power would amount to only a few shillings per hour.

(2) That in any rearrangements of the wavelengths allotted to the various YA stations the opportunity be taken to remove 1YA and 3YA to a better part of the broadcast band.

The background "mush" is considerable round about the frequencies of these two stations, due presumably to the heterodyning of their carrier waves with some harmonic of the 50-cycle A.C. power transmission.

(3) The society holds the following views re B stations:—

"That after all the A stations in New Zealand and Australia have been allotted the most suitable positions on the broadcast band of frequencies, there is no objection to unsubsidised private B stations so long as there is no

reception of the principal stations listened to is as follows:—

- 1YA—Day: Good reception but strong background.  
Night: Weak with bad distortion and fading. Useless for entertainment.
- 2YA—Day: Clear, but not strong enough.  
Night: Good; sometimes distortion and bad fading.
- 3YA—Day: In summer nil; in winter, fair in afternoon.  
Night: Good; some fading, but no distortion.
- 4YA—Day: Nil.  
Night: In summer weak; in winter, fair with some fading but no distortion.
- 2ZW—Day: Nil.  
Night: Fair, but bad fading and heterodyning.
- Australian Nationals—Day: Nil.  
Night: In summer weak; in winter, fair.

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## "N.Z. Radio Call Book"

### Comprehensive Station List

**THE** "New Zealand Radio Call Book," which was published last week, is probably the most comprehensive list of stations that has yet been published in this country. The book is a 40-page one, printed upon heavy paper, the size being a convenient one to slip into the pocket.

The stations listed include all the New Zealand, Australian and Japanese, a representative list of American (both North and South), European and the Far East. The American list contains the addresses of the stations, and this feature will be found of considerable use to dx enthusiasts. Every station likely to be heard in New Zealand has been listed. A representative list of shortwave stations is included, with their hours of operation, and the book is complete with a list of the New Zealand amateur transmitters.

Although the "Call Book" was published last week, supplies are already running low, and our advice to anyone who wants an up-to-date call-book is to obtain their copy immediately. The lists will be revised periodically, and the "Call Book" is one which every owner of a radio set should have in his possession.

## Our Mailbag

### Reply to Correspondent.

"Rialto": The interference problem is one of great magnitude, and is at present engaging the attention of responsible parties. Until the report of the Coverage Commission is presented, little can be done. Fading of 2YA is probably due to locality.

### Morning Sessions Appreciated.

**I** WISH to express my gratefulness to 2ZD, Masterton, and 4ZP, Dunedin, for their early-morning sessions. There are 20 patients in my ward, and each morning they have their headphones on waiting to be switched over at 7.30 a.m. It is surprising the cheerfulness it brings to a ward. Wishing both stations the very best of future prosperity. —W.N. (Masterton).

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