

# THE RADIO RECORD

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WELLINGTON, FRIDAY, MAY 31, 1929.

## Broadcast Music of Coming Week

"'Tis the deep music of the rolling world,  
Kindling within the strings of the waved air—  
Aeolian modulations."

—Shelley.

### A Scottish Opera.

"*La Blanche Dame*" (The White Lady), by Francois Boieldieu, is another example of the opera known only by its overtures. This opera, which was first produced in Paris in 1825, was, for a short time, very popular. In it, the composer has used the song "Robin Adair," the scene of the opera being laid in Scotland, and drawn by "Scribe," from Scott's novels, "The Monastery" and "Guy Mannering."

The orchestra at IYA will play the overture to "*La Blanche Dame*" on Thursday, June 6.

### A Famous Epitaph.

SIDNEY Homer's setting of Robert Louis Stevenson's "Requiem" can be numbered among the best-known songs in the world. The music breathes peace and hope. The words are those which appear on a plate on the tomb of the poet at Vailima, Samoa, on the top of the hill, where he wished to lie. The two verses are well known—

Under the wide and starry sky,  
Dig the grave and let me lie,  
Glad did I live, and gladly die,  
And I laid me down with a will.

This be the verse you grave for me:  
Here he lies where he longed to be,  
Home is the sailor, home from sea,  
And the hunter home from the hill.

Mr. T. Moffit will sing "Requiem" at IYA on Saturday, June 2.

### A Satirical Monarch.

IT is interesting to see how little some really great composers are known. The Russian genius, Mussorsky, besides many operas, composed over sixty songs,

which, for the most part, are unknown to-day. One of his best known compositions is the cynical "Song of the Flea" which is sung by Mephistopheles in Auerbach's Drinking Cellar at the opening of Goethe's Faust. It is a satire on princes' favourites, and tells of a flea who was cherished by the king as though a son were he. He was given fine garments and orders, and his poor relations flocked to Court, very much to the annoyance of the queen and her ladies, who were forbidden to scratch. It is not one of Mussorsky's greatest songs, but it has served to introduce many people to his music.

Peter Dawson's record of the "Song of the Flea" will be used at IYA on Wednesday, June 5.

### Russian Chamber Music.

COMPOSER of "A Dream on the Volga," a ballet, "A Night in Egypt" and several other operas, Antony Arensky produced large quantities of church music, songs and chamber music which are already forgotten. He was at one time a pupil of Rimsky-Korsakof, and his works are very similar in form to those of Tschaikevsky, one of his most popular works being a set of Variations for Strings on a theme by that composer. He died in Finland in 1906 at the age of forty-five.

The Studio Trio at IYA will play the 1st Movement of Arensky's Trio in D Minor, on the Russian Composers' Night, Friday, June 7.

### A Spaniard Who Persevered.

IT was indeed unfortunate that Edouard Lalo began writing his music when France had no time for anything but the

operas of Meyerbeer and Halevy. For some years he was more or less ignored, but eventually produced a successful opera which had been refused by the judges in an operatic competition. His greatest works were the operas "Roi d'Ys" and "Namouna." He was a friend of Debussy and of Dukas, and proof of the admiration these young men had for him can be seen in the unmistakable traces of his influence in their works. He died at Paris in 1892, having been ill on and off for many years, yet always persevering with his composition.

The IYA Orchestra will render a violin solo with orchestral accompaniment "Andante Symphony Espagnola," by Lola on Thursday, June 6.

### Kindness Rewarded.

BOSWELL, in the account of his visit to Corsica, says that on one occasion some Corsicans requested him to sing an English song, and thereupon he sang "Hearts of Oak." "Never did I see men so delighted with a song as the Corsicans were with 'Hearts of Oak,' it was quite a joyous riot." The words of this popular song are by David Garrick, and it first became popular in "Harlequin's Invasion," produced in 1759. The tune is by Dr. Boyce. A curious story is told that twenty years after the doctor's death, his son received a letter requesting him to call at a house situated in one of the London slums. He went and found an old man who said that he was about to die. He had been a beggar for years, and the late Dr. Boyce had always been kind and liberal. As a recognition of this he was giving the son his life savings. Imagine Mr. Boyce's surprise when

—Continued on page 2.

## Broadcast Music

(Continued from page 1.)

he received a bundle of notes to the value of nearly three thousand pounds!

Mr. John Prouse will sing "Hearts of Oak" at 2YA on Monday, June 3.

### A Philosophic Sentry.

THE scene of the Second Act of the Gilbert and Sullivan Fairy Opera, "Iolanthe," is laid in the moonlit Palace Yard, Westminster, a most original stage setting. In the foreground is the sentry-box, and the sentry, rife to shoulder, paces steadily up and down. His song, with which the act opens, is one of the most popular in the opera. Even though Nature no longer contrives that every boy and girl who is born into the world

alive should be either a little liberal or else a little conservative, we can relish the wit of the words and the precision of the music with the same zest that our fathers did. Mr. J. M. Caldwell will sing the "Sentry Song" at 2YA on Friday, June 7.

### The Hungarian Rhapsodies.

IT was mainly through the series of brilliant works, which he called "Hungarian Rhapsodies," that Liszt made known to the musical world the beauties of native Hungarian music. The native folk dances and songs of the Hungarian people are the basis of these "Rhapsodies," and they have been woven into gorgeous musical fabric. Number Two of the series is the best known and most loved. Indeed it is one of the most widely-known pieces ever written. It calls upon all the resources of the piano or orchestra, and requires a brilliant technique for its adequate performance.

A record of the Philadelphia Symphony Orchestra playing an orchestral arrangement of the "2nd Rhapsody," will be used at 2YA on Monday, June 3.

### The Golden Thread of Melody.

ONE of Debussy's earliest work was his "Arabesque" and it shows the beginning of the glowing iridescence which he used in later years to paint his musical pictures. The lovely melody shines like a golden thread through the "Arabesque" and seems like an expression of a half-forgotten romance. Almost as if in a rev-

erie the composer recalled moments long past, memories of which flitted across his consciousness varying in depth of colour. Miss Althea Slack will play Debussy's "Arabesque" at 3YA on Thursday, June 6.

### Not Generally Known

THE well-known "Berceuse," by Godard, is the Cradle Song from the opera "Jocelyn," by that composer, and is the only number which has survived in an otherwise uninteresting work. Like all cradle songs and lullabys, it speaks a mother's love and tender care of her little one. Her heart is in every cadence of her lovely song, and its spiritual beauty has endeared it to an ever-widening circle of music lovers. Its popularity is evidenced by the fact that it has been arranged for almost every solo instrument and combination of instruments. The 3YA Broadcasting Trio, and the 4YA Broadcasting Trio will play "Berceuse" on Monday, June 3.

### "Siciliana."

"CAVALLERIA Rusticana" presents a story of Sicily, with the tense emotional play of passions, love and jealousy. The "Prelude" to the opera expresses in a remarkable way the ever-changing moods, arising quickly from tender melody to passionate outbursts of rugged strength. In the middle portion of the "Prelude" occurs the renowned "Serenade," or "Siciliana," which is sung by Turiddu, the tenor, behind the scenes. As the curtain rises, Turiddu is seen disappearing into the house of his former sweetheart, Lola. Mr. P. J. Palmer will play the "Siciliana" as a 'cello solo, at 4YA on Monday, June 3.

### A Gem of Opera.

TO have your strongest opponent describe one of your compositions as "In its trifling way, the work of a delicate-handed artist," is surely high praise. This is what was written of the so-called Madrigal in "The Mikado," the Gilbert and Sullivan Japanese Opera. This Madrigal is perhaps the most wholly pleasant specimen of vocal ensemble singing in any of Sullivan's works. A true Madrigal is not accompanied, but the little patches of orchestration are, in this case, devised to help the singers, however, they have, on more than one occasion only served to show up bad intonation. There is nothing more cheery than the "fa-las" at the end of each verse, which sound suitably cheerful for the dawn of a wedding day.

The Ariel Singers at 2YA will sing the Madrigal, "Brightly Dawns Our Wedding Day," on Friday, June 7.

### Setting Ibsen to Music.

THE primary cause that moved Grieg to write the music of "Peer Gynt" was Henrik Ibsen. A letter arrived from him one morning, asking whether Grieg would lend a hand to prepare the piece for the theatre. He was completely taken aback, he had never imagined that a play so philosophical and so strongly tinged with Ibsen's scepticism could possibly be produced. At first he was very nervous at embarking on so

great a task, but after he had gone more deeply into the poem, the conviction seized him that this was the very work for him, and he simply longed to set to work if only he had the ideal place to work in. He and his wife were at that time living with his parents, and one day while out walking they saw a house which looked out over the sea from its place high on a hill, and seemed the ideal place to write "Peer Gynt." They saw the owner, arranged to take possession, had a piano taken up, and set to work at once, and there the two suites were written.

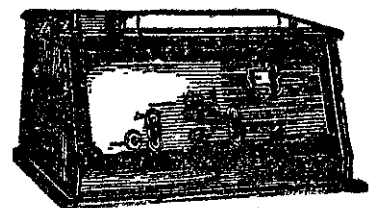
The record of the New Light Symphony Orchestra playing the "Peer Gynt Suite No. 2" will be used at 1YA on Tuesday, June 4, and at 3YA on Sunday, June 9.

## Culture of Gladioli

LOVERS of gardens in the northern city will welcome the first of a series of talks on "The Culture of Gladioli," to be given from 1YA on Saturday, June 8, at 7.40 p.m. The lecturer will be Mr. G. D. Rutter, honorary secretary of the Auckland Gladioli Society, a branch of the Horticultural Society of that city; and there is no doubt an interested audience will listen to his exposition.

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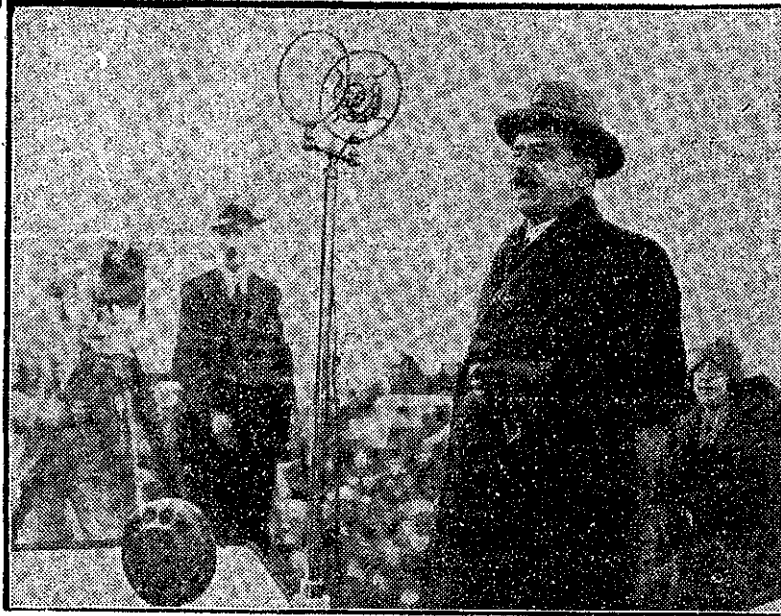
## Auckland Notes

(By "Listener.")

**DURING** the past week there has been little to record regarding programmes except that they are still definitely on the up grade. Additional good artists appear, and there is more, though still not enough to satisfy some insistent demands, in the way of variety. Most of our small coterie of grumblers fail to realise that in operating four stations for less than 40,000 licensed listeners, the Broadcasting Company must cut its coat according to the cloth.

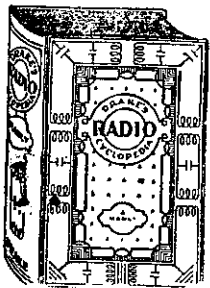
**DURING** the week-end an overseas visitor, after inquiring fully into

our New Zealand system of broadcasting, and considering its scope and limitations, informed the writer that we ought to be proud of what was being done for such small and widely-scattered communities. On the other hand, a weekly paper spreads itself in strenuous castigation of the Broadcasting Company and all its works. Perhaps the writer of its comments might take a leaf from the visitor's book, and view the problem of broadcasting in all its aspects before he rashly condemns what so many others approve. Licenses are steadily mounting at the Auckland post office. Surely the new licensees are sufficiently sound in judgment to know that what they will hear is well worth the money they are expending for the pleasure of hearing it.



The Rt. Honourable Sir Joseph Ward speaking at the official opening of the Southland May Fair on May 15. The proceedings were relayed to 4YA, Dunedin (128 miles) and to 3YA, Christchurch (359 miles.)

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R.8

**ON** Saturday evening 1YA relayed a portion of the Auckland University students' extravaganza, "The King of Kawau." Both songs and dialogue came over splendidly, and listeners will look forward to the further relay promise for next Friday evening.

**ON** Friday last the writer took a casual stroll round the premises of several radio dealers, simply for the purposes of quiet observation. Of dealers there are not so many as existed in the days when inexperienced people thought that there were fortunes to be made by the mere retailing of wireless sets and accessories. The trade has now settled down to normal proportions for the existing demand, which, by the way, is quite a healthy one at this time. The demand for electric sets is universal, and every dealer was featuring some dependable type, and finding his customers well satisfied with it. Those who are left with large stocks of battery-operated sets on their hands may find considerable difficulty in disposing of them to town customers, but there are always settlers isolated from power lines who must perforce have recourse to the older types. Launch owners, too, prefer sets which they can transport from home to cruiser, and thence, perhaps, to seaside shack.

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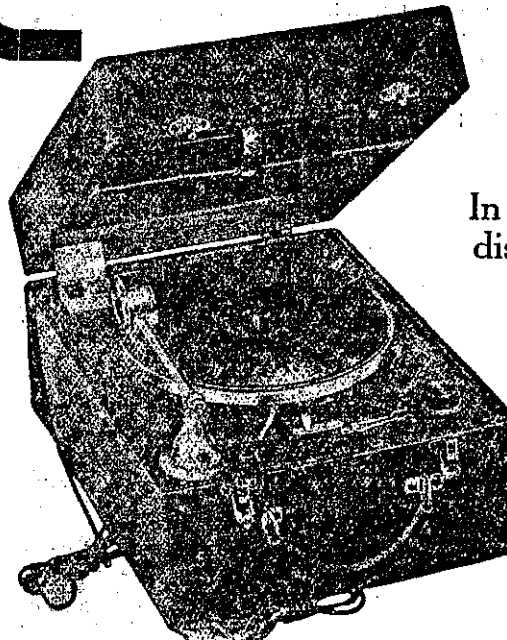
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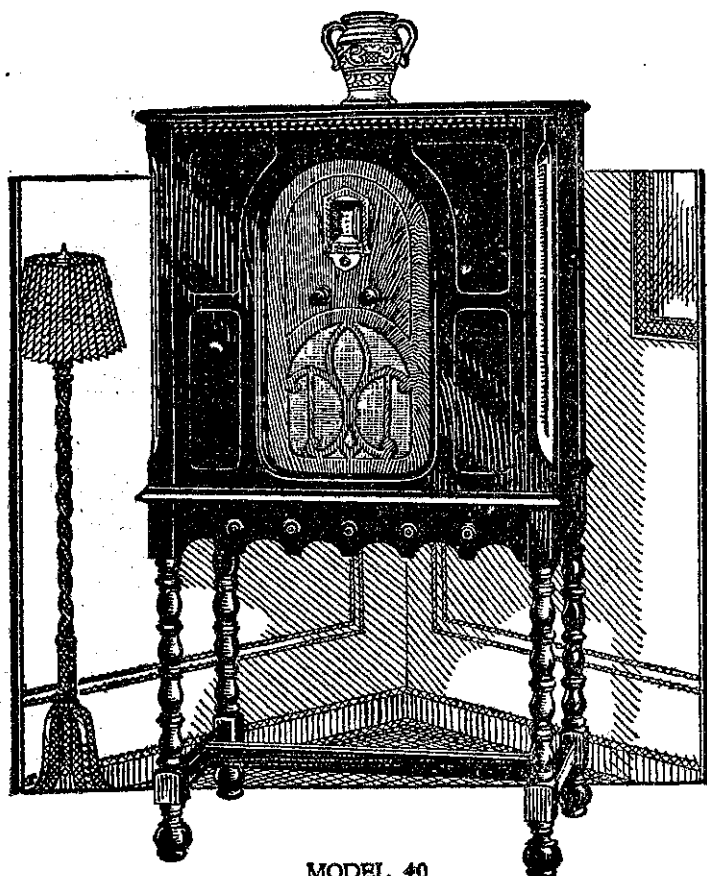
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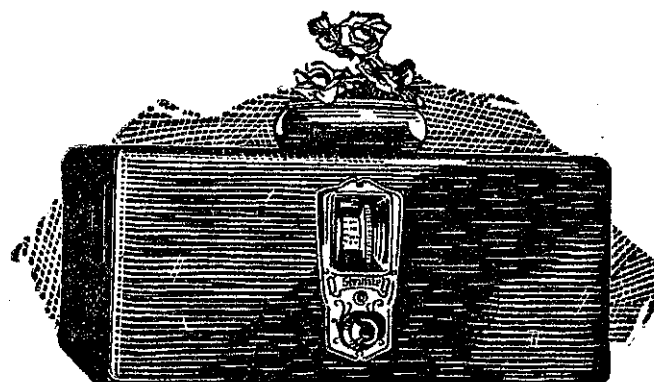


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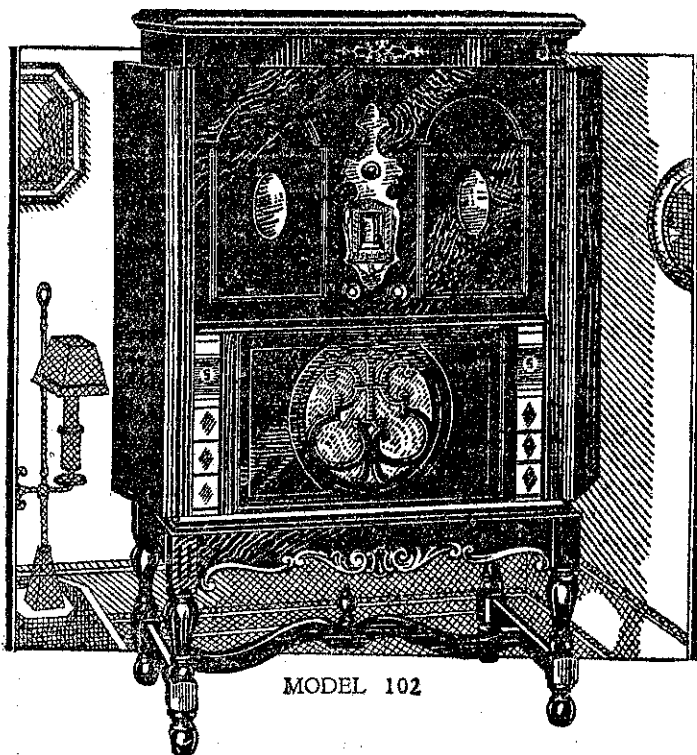
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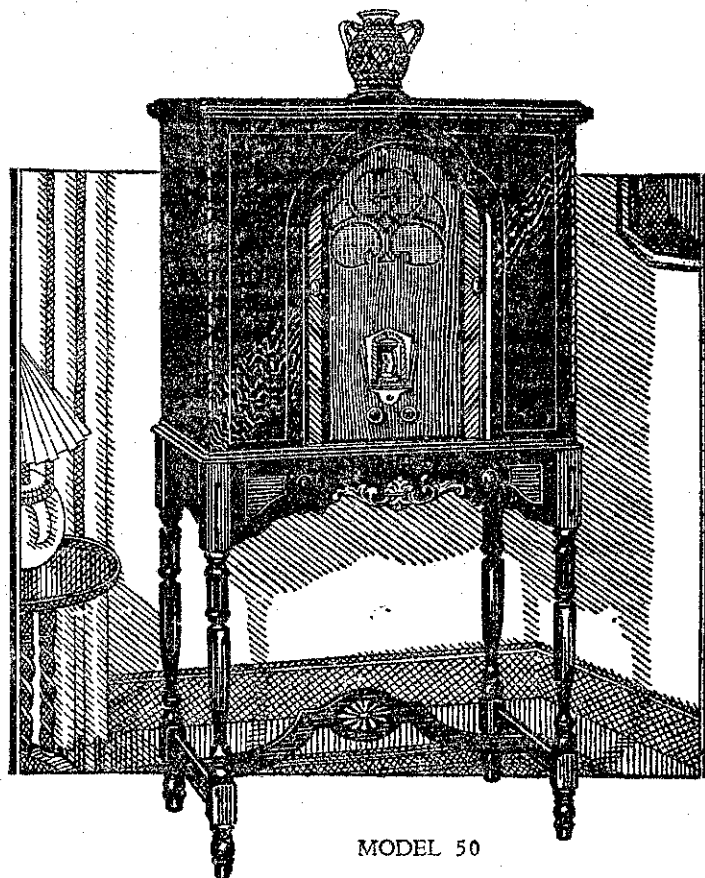
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MODEL 102



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WELLINGTON, FRIDAY, MAY 31, 1929.

## AUSTRALIAN BROADCASTING SERVICE.

IN last week's issue we were able to publish details of the change that will be inaugurated in the Australian service in the immediate future. The Commonwealth Postal authorities will, as from July in Sydney and from August in Melbourne, take charge of the existing stations, and operate them henceforth on the revised basis. This will mean that the Government will collect all revenues, and will maintain and operate the various broadcasting stations. It will not, however, make itself directly responsible for the provision of programmes. The right to supply programmes will be made subject to tender, the sum of 12s. of each listener's fee of 24s. being used for this purpose. The balance of the 24s. will be divided in the proportion of 8s. to the Government for the maintenance, operation, and extension of the broadcasting service, particularly in the provision over a period of three years, of an adequate number of relay stations, and 4s. to cover incidental expenses in the collection of fees and payment of the agreed upon royalty to Amalgamated Wireless in respect to its patents.

THIS change constitutes a vast experiment in the administration of a broadcasting service. It does not go so far as the system established in Britain, of creating a special authority to wholly administer broadcasting. It divides the functions of the service between the mechanical side and the musical and intellectual side. While the mechanical side is important, listeners will agree that the real flesh and blood of broadcasting is in what is broadcast, that is, the programmes themselves. Australia proposes to sub-let the duty of providing programmes to private enterprise in the form of tenders for each State.

FROM the point of view of the political administration of the scheme, this is a clever move. It entrusts to those who are specialists in the handling of musical and other talent the organisation of the programmes. It does more than this. It creates an authority or body outside the State against which will be directed all the complaints which may arise concerning the programmes made available. It is in that, that cleverness is displayed in diverting attack from the Government-administered programme service. In the event of dissatisfaction, it will be open for the Government authorities to retort that they are not directly responsible, and use popular agitation as the occasion for pressure upon the programme organiser. Naturally,

in such an arrangement, the programme organiser will largely find his hands tied in rebutting criticism.

THE conditions of Government control ensure a good deal of Government supervision, and a heavy responsibility will be laid upon the Commonwealth Postmaster-General and his advisors as created in various States. To assist the Government, and provide a means of effective co-operation with the programme organiser, committees are to be set up in each State by Government nomination. It will be their duty to keep under close supervision the programme organiser, and see that all points of the contract are fully observed. In addition, they are to have the opportunity of censoring programmes and the contractor "will require to take into consideration any representations made by the local committee." Furthermore, the new contractor "shall do all in his power to cultivate a public desire for transmission of educational items, musical items of merit, and generally for all items and subjects which tend to cultivate the mind."

OBVIOUSLY, harmony and tact in a high degree will require to obtain to ensure the full success of such a system. The multiplication of personalities in executive positions necessarily brings to bear new points of view and conflicting aims. Under the terms of reference, it is not clear whether the contractor will require to "obey" as well as "take into consideration" the views expressed by the committee. If the contractor, in his judgment, finds that after "taking into consideration" the views expressed, he is not able to observe them, or deems it unwise to comply with them, then a difficult position may be created. At this stage, of course, the possibilities only can be indicated. The whole success, or otherwise, of the scheme will depend upon the tact and discretion of the committees appointed and on the efforts of the successful contractor for the provision of programmes.

UNQUESTIONABLY, the Australian experiment will be watched with interest in New Zealand. On the administrative side, it would seem that New Zealand is making rather more rapid progress in the direction of linking up all centres with a view to simultaneous broadcasts than is Australia. As our Postal Department is able to provide land lines between different centres capable of effective transmission for radio rebroadcasts, so use is made by the Broadcasting Company of the facilities available. Australia, of course, has greater distances to contend with, and it has been found necessary to indicate a period of three years for the provision of the relay stations contemplated. In New Zealand, the indication has been given that the radio policy for this country to pursue for the theoretical covering of the field is the provision of relay stations in strategic provincial centres. They will be an ultimate development of the future.

ONE additional feature of interest in the Australian development is that the principle is affirmed that the bigger centres of population must make some small sacrifice for the benefit of weaker centres. Thus, Melbourne and Sydney are asked to endure material reduction in their station time to permit of Perth, Adelaide, and Brisbane receiving more extended hours. This principle is sound, and the only possible one in a unified development of a big-scale organisation. It is under the same principle that for the present the revenue available for New Zealand radio service must be concentrated in the four centres, and patience exercised by provincial areas for the provision of those relay stations recognised to be desirable.

## "Hinemoa" to be Broadcast

THE first concert of the 1929 season of the Wellington Harmonic Society, assisted by 2YA Orchestra, will be given on Saturday evening in the Wellington Town Hall. The whole programme will be relayed by 2YA.

This will be a unique entertainment in that, with a few exceptions, every item will be from the works of Alfred Hill. The chief feature of the evening will be the presentation of the cantata, "Hinemoa," which will occupy the whole of the second half of the programme.

The words of "Hinemoa" were written by Mr. Arthur H. Adams, Alfred Hill being the composer of the music. A synopsis of the story will be found in the programme pages of the "Radio Record."

This will be the first occasion on which "Hinemoa" has been broadcast in its entirety in New Zealand, and the presentation by the Wellington Harmonic Society should be particularly enjoyable.

The soloists for "Hinemoa" will be: Hinemoa ..... Mrs. J. F. Woodward  
Tutanekei ..... Mr. R. R. Orr  
Tiki ..... Mr. E. J. Hill  
Tohunga ..... Mr. C. W. Svenson  
Mr Temple White will conduct.

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## Invercargill May Fair

### Services of Broadcasting

**DURING** the progress of the May Fair, which is an annual event in Invercargill, broadcasting of various parts of the Fair was carried out by relay over land-line to 4YA, and on some occasions to 3YA, Christchurch. The undertaking, while successful from the technical point, failed of giving complete satisfaction to all listeners because of some little lack of organisation, due in a measure to the very nature of the function being broadcast. At the same time the radio service was made as full as possible, any gaps that developed in the programme through disorganisation due to time, etc., being filled in as far as possible to the best advantage. There is no doubt that broadcasting rendered a distinct service to the success of the Fair in Invercargill, in that the promptest of advice was available to the rural population of Southland as to the weather conditions in Invercargill and the attractiveness of the display in general.

In the course of a newspaper interview at the conclusion of the Fair, the president, Mr. Stephenson, made the following remarks:—

"Like most successful and pleasing functions," he said, "May Fair 1929 has left not only pleasant memories, but has proved undoubtedly a great inspiration and a great anticipation towards May Fair 1930."

"I want to express most sincerely my warmest thanks for the very general and very genuine assistance given by the people in almost every direction. Especially would I like to mention the very kind and very thorough help extended to us by our local press. It is almost superfluous for me to state that the whole of Southland is deeply grateful to Sir Joseph Ward for the very material help and great courtesy which he has extended to us in every direction. We think the fact that May Fair is the first occasion for the broadcasting of events from Invercargill, will be long remembered. The thanks of not only the directors of May Fair, but of the whole province of Southland are due to Mr. Ball, the director of the broadcasting activities for the very excellent manner in which he carried out his duties and entered so enthusiastically into the whole spirit of the great occasion. Another event which will be remembered was the visit of so many of our Otago friends, on the concluding day of the festivities. We appreciate their having made a special point of seeing Invercargill for themselves."

## Bishop of Aotearoa

### To Broadcast from 3YA

**VISITING** Christchurch at present is His Lordship the Bishop of Aotearoa. He will speak from 3YA on Wednesday, June 12. The first Maori Bishop is a very interesting personality.

## Broadcast of "Caractacus"

### Presented by Christchurch Choral Society

**ON** Wednesday, June 5, the Royal Christchurch Choral Society, under the conductorship of Mr. W. H. Dixon, L.R.A.M., A.R.C.M., will present "Caractacus." This will be the first public performance by the society since the appointment of Mr. Dixon. Before leaving England, and when in charge of the Ipswich Choral Society, he produced "Caractacus," and that other of Elgar's masterpieces, "The Dream of Gerontius." The Christchurch performance on Wednesday evening can be relied upon to be a splendid entertainment.

First-class soloists have been engaged. They will be:

Soprano, Mrs. C. Tait (Timaru).

Tenor, Mr. Hubert Carter (Wanganui).

Baritone, Mr. Wm. Gemmell (Auckland).

Bass, Mr. T. D. Williams (Christchurch).

"Caractacus" was composed by Sir Edward Elgar. The words were written for the music by Mr. H. A. Acworth, C.I.E., for the Leeds Musical Festival, 1898, and dedicated by Sir Edward Elgar by special permission to Her Most Gracious Majesty Queen Victoria.

The Britons throughout the south, east, and centre of England having been subdued by the Romans, Caractacus is driven with his remaining forces towards the Welsh frontier, and establishes a great camp on the Malvern Hills, on the summit now known as the British Camp, or Herefordshire Beacon. Wandering in the forest below the hills, Eigen, the daughter of Caractacus, and her betrothed lover, Orbin, are met by a Druid maiden, who enjoins them to warn the King not to advance into the open country against the Romans. This warning they convey to Caractacus.

On the ensuing night the omens are taken at a solemn assembly of the Druids. They are read by Orbin, who belongs to the half-priestly order of minstrels, and are declared to be unfavourable.

## "Tristan and Isolde"

### First Instalment of Act III Next Week

**COMMENCING** at 2YA on June 7 the first portion of the third act of "Tristan and Isolde" will be presented. This act of Wagner's great music-drama will be received with great enthusiasm by all lovers of grand opera—and, in fact, by all music lovers. The score, technically considered, is marvellous. Yet, such is the skill of the master that the resultant effect is appreciable in the highest degree to the most technically-uninformed listeners. It is like a grand specimen of cathedral architecture. The opera adapts itself to the individual needs and the inner feelings of a thousand listeners. It searches the emotions of men and

favourable. The Arch-Druid deceives the King as to their character and Caractacus resolves to advance against the Romans. Orbin endeavours to protest, but is cursed and driven forth by the Druids.

On the following morning Orbin meets Eigen in a glade of the forest, where youths and maidens are with her gathering flowers for a sacrifice, and bids her farewell, telling her of the deceit practised on the King by the Druids, and of his own expulsion. He adds that he himself is flying from the Druids and intends to join the British forces.

In the next scene Eigen and her maidens witness the return of Caractacus with the remnants of his army to the camp on the Malvern Hills after their total rout by the Romans. Caractacus and his family, including Orbin, are soon after betrayed into the hands of the enemy. The last scene represents Caractacus with Orbin and Eigen before the tribunal of Claudius, the Emperor of Rome. Claudius is at first disposed to condemn them to death, but is so struck by the intrepidity of Caractacus that he pardons them and assigns them an honourable residence in Rome. The general lines of history or, failing history, of tradition, have been followed. The British camp on the Malvern Hills is locally attributed to Caractacus.

It is doubtless a British work, and is of such an extent as infers occupation by very large numbers. The scene of Caractacus's last disastrous battle is much disputed; but it was almost certainly on the line of the Severn (Habren) and may probably have been at Caer Caradoc, in Shropshire. The unusual circumstance of mistletoe growing on the oak may be still observed in the woods below the Herefordshire Beacon. Caractacus's appearance before Claudius in Rome, his bold defence, and the pardon of himself and his daughter are historical. Orbin is an imaginary character.

women as perhaps no other music in the world does. The extracts cover five twelve-inch records, and suffice it to say that the singers go to prove that this of all Wagner's works most arrests and enchains the imagination.

The dates for the four stations are:—

2YA—June 7 and 14.

1YA—June 11 and 18.

4YA—June 17 and 24.

3YA—June 19 and 26.

## Distant Fields

**A** SYDNEY correspondent writes:—

"I have experienced no difficulty with the set over here, and have had some good concerts, although, candidly, I like Wellington better. There is far too much interruption here to give Press notices and police notices, etc."

## Rugby and Soccer

### Broadcasts for June 3

**ON** the afternoon of June 3, King's Birthday, there will be two sporting broadcasts by 2YA.

The first, at 1.30 p.m., will be a running description, given by Mr. Frank Campbell, of the Association football match between Wellington and Canterbury representative boys' teams.

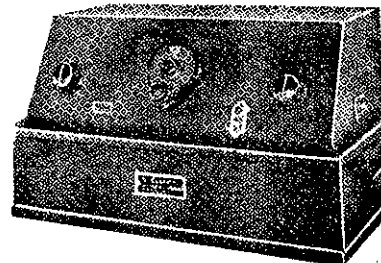
The big match of the day will commence at 3 o'clock—the New Zealand Rugby trial match. Mr. Chas. Lamberg will be the announcer.

It is expected that the first Ranfurly Shield match will be played at Masterton on Saturday, July 20, between Wairarapa and Hawke's Bay.

Permission to broadcast all matches played under the jurisdiction of the New Zealand Rugby Union has been granted, and the Broadcasting Company will accordingly make arrangements to relay from Masterton a description of the first Ranfurly Shield match for 1929.

It was in 1927, on the occasion of the match in which Wairarapa beat Hawke's Bay for the Shield, that the first broadcast from 2YA took place.

## POWER and



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From Afar"

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ALBERT ST., AUCKLAND

## "Are You There, Rarotonga?"

### Special Programme for the Islands

ONE of the "Island Nights' Entertainments" of which Robert Louis Stevenson never even dreamed, will be given on Saturday evening, June 8. On that date, 1YA will broadcast a special programme of native music.

It came about in this way. Among 1YA's overseas mail recently was a letter from the Cook Islands. The writer, Captain Campbell, said, inter alia:—"For some time I have had the pleasure of listening in to 1YA, and I have brought numbers of native chiefs to hear the set. Provided there

is not much static we can hear you on the loudspeaker any time after 8 o'clock New Zealand time.

"There is at Hamilton, New Zealand, Mr. Platts, C.M.G., Resident Magistrate. He was at one time Resident Commissioner for this group of islands and very much beloved by the people. They would very much like to hear him again, and I write to ask if you could arrange a part of your programme one evening especially for this group, and get Mr. Platts to speak. The natives especially like Hawaiian music and songs on the guitar or ukulele. If you did arrange such an evening, I would arrange for the principal chief, Tinonana Ariki, to be present, and greetings could be sent to him by Mr. Platts. I have translated the Rev. Chappell's lectures to them and they have proved very interesting, especially the one on fortifications, and the story of the wet cloaks."

1YA promptly arranged a special programme, and Mr. Platts, when approached by the Broadcasting Com-

## A Musician of Distinction

### Miss Eileen Dennehy and Her Talented Trio

THE appearance on the 2YA programme of the delightful instrumental trio from Kirkcaldie and Stains's tea rooms has been a most popular one. The trio has a wide reputation and is one of the attractions at this modern lounge. Their appearance over the air was a delight to listeners, who hope some day to again hear them.

Miss Eileen Dennehy, pianiste conductress, who is in charge of this trio, is a musician of distinction well known all over New Zealand. Her musical experience has been a very extensive one, ranging from teaching to orchestral conductorship in several large theatre orchestras. During the last few years, she has acted as pianiste to the Cyril Maude Company, Marie Tempest, Peg o' My Heart Company, and Hearts of the World. For a time, she was in charge of the or-

chestra with Marie Tempest. Added to this, she has had a lengthy experience with various picture theatre orchestras, and until its disintegration, was in charge at the Strand Theatre, Wellington. Miss Dennehy has a rare



combination of wonderful technique and depth of feeling. She has a full appreciation of the art of suiting the music to the picture.

As a teacher, she has had remarkable success, and very many of her pupils have developed into brilliant pianists appearing on many concert platforms throughout the country. Her experience has not been limited to pianoforte; she is an accomplished organist, and has occupied that position with several church choirs.

pany, kindly agreed to broadcast a message to the Islands.

This will take place on Saturday, June 8. There will be a gathering of native chiefs and one can well imagine their wonderment as they listen to the well-known voice of one they knew to be hundreds of miles away across the ocean, yet heard as though he were speaking in the next room.

# "A" "B" & "C" Power for your RECEIVER!

All you want is a Philips Trickle Charger and "B" & "C" Power Unit, and you can operate your receiver from the light socket.

The ingenious switch at the top of the Trickle Charger controls all power to your set. Snapped into one position it—

Connects the Trickle Charger  
Disconnects the Power Unit  
Disconnects 'A' Battery from Receiver

and in the other—

Disconnects the Trickle Charger  
Connects the Power Unit  
Lights the Filaments of the Valves

'A' POWER  
'B' POWER  
'C' POWER

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POWER SOCKET APPARATUS

PHILIPS MAKE THERMIONIC CHARGERS FROM 2 WATTS TO 2 KILOWATTS

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## Arriving end of May

**The Lowest-Priced, Reliable,  
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Six Valves and Rectifier.**

**Fitted with the well-known CECO  
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EVERY SET GUARANTEED.

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Sole N.Z. Distributors: THE NATIONAL ELECTRICAL & ENGINEERING CO., LTD.  
AUCKLAND, WELLINGTON, CHRISTCHURCH, DUNEDIN, HAMILTON, WANGANUI, TIMARU.



**A**N amusing and interesting competition, having for its object the creating of interest in radio on the part of its rural readers, was recently promoted by the "New Zealand Dairy Produce Exporter," a monthly paper. Prizes totalling £50 in value were offered, the first award being an order for £25 for the purchase of radio apparatus. The competition involved the writing of the longest sentence, or series of sentences, having some general reference to radio and rural interests, using only words beginning with the letter "r," and using four supplementary words only, viz., "a," "and," "the," and "but." It was required that the words used should be good dictionary words, and the sentences must make sense from the point of view of being readable as English, even though the situation conveyed might be nonsensical as an actual happening.

Great interest was taken in the competition, the entries received being very heavy. The winning award has been made to an entry which reached the astounding total of 4212 legitimate words, used in a story complying with the conditions and dealing with radio and rural interests. The winner was Mrs. N. E. Potts, c/o Mrs. J. McDonald, Pencarrow Farm, Featherston. It was by casting

## A £50 Rural Competition

### List of Prize Winners

her entry in the form of a very ingenious story that Mrs. Potts attained the extraordinary total of 4212 words. As the story deals with radio, a brief summary will be of interest to readers, together with some extracts illustrating the ingenuity with which she built up sentences consisting of words beginning with "r." A summary of her story states:

#### The Winning Story.

**A**FTER a general introduction concerning radio, the announcer tells a story, and then gives way to a Robot, a mechanical man, who is brought forward by the radio authorities as a novelty. The Robot makes a lengthy speech, gets wearisome, and is put out, but "repelling repression" he re-enters and continues. At last he is summarily ejected and a lecturer talks on gardening affairs. However, the Robot butts in, but unfortunately his works get out of order; in other words, the "ratchet and ratch rammed and the rascal's remarks resembled rejumped rot." Instead of presenting a coherent narrative, the Robot transposes his words, so that his adjectives keep appearing too far ahead of the nouns, to the consternation of the studio people.

Upon routine the Robot, a ruralist discourses on rural topics, and is immediately followed by the Robot with his amusing inversions. Fortunately he is soon removed from the microphone, and a clerical gentleman broadcasts a talk on religious questions. The Robot gets in again, just ahead of the "Radiolans," who purpose giving a recital. Once order is restored, a medical man gives a talk on health topics, when the Robot has another chip in. However, he doesn't get far, because a restaurateur discourses on "Diet." The radio authorities decide to smash the Robot and do so, but to their consternation "the rattling remains reassembled and the Robot racily repeated" another of his quaint speeches. He is removed very soon, and is followed at the "micro" by a lecturer who speaks on "Rambles" and country outings. When he finishes the Robot breaks in, but is ousted by a Russian refugee, who lauds the Revolution, and puts over a lot of subtle propaganda among his narrative. Again the Robot interrupts, but a "respectable and reputable radiologist" appears and ponderously dilates on radiotelegraphy and kindred subjects. At the conclusion, the ever-ready Robot springs into the breach, but is summarily dealt with by the "re-dactor" of the "Radio Record."

A patriotic rifleman broadcasts a speech counteracting the revolutionary tendencies of the Russian refugee, and is immediately followed by the Robot, who has an amusing final talk before he is taken away "repentant and redisciplined." The announcer discourses on "Belles-lettres" before he gives place to

a traveller who reports scenes round "the roaring Rakaia River."

At this stage the rouseabout of the broadcasting station, who has imbibed rather freely, thinks he will make a speech—and does so! Next a young lady from Raetihi has a general talk on "Domestic Matters" for the edification of the ladies.

The conclusion is a reference to the children's hour, when the radio "relativity" gives his birthday greetings, or, more correctly speaking, the "recurring returns!" A few words of advice on radio apparatus are followed by the exceedingly gratifying statement:

"Radio reception reimproved and registration and renewals reassure and re-encourage the rejoicing radio rulers."

#### Some Extracts.

**A** FEW extracts from details of the story will be interesting as showing the winner's attainments. A typical passage runs:—

"Rural residents," reported the raconteur, "require radio. Rapid reading and retailing rumours regarding revolutionary risings, regicides, rulers' restrictions, religious revivals, rustlers, and Reichstag and Reichrath resolutions, render regrettably retarded results. Remarkable recreation rewards rustic reception. Repeated requests reveal real relish. Remote ranchers, rangers, rabbiters, revel respecting relayed racing, rodeo, rugby and regatta reports."

And again the "radio reviewer ridiculously remarks": "Rachmaninoff re-played rallentando, Rubinstein ritardando, and Rimsky rinforzando! The rotund Rajahs and the reproachful Rajput respectively remurmured the ractety ragtime refrain. Resummoning the Rhaetian, the regretted relier rendered a rapt and reliable roundlet re reactance and reaction. Reappearing romantically Romeo resubmitted the roundel. Resolvedly re-examining the repertoire, rewriting the reverie, revoicing the rhythm and rhetoricalness, and redeveloping the repertory, radiate the regulations."

While "Rosy Richardson, a Raetihi rodomontader, revisited the radio room and re-advised regarding re-springcleaning the rooms and related reminiscences: "Regild the re-engraved rec and regrave the rubble! Re-order the re-bozo! Rework the redder rug, and rub the rebuilt runabout! Reseat the rougher rocking-chair and rocker, and reset the raphe! Rebuild the rasped rocking-horse, raddle the rear, and run the risk."

#### Prize Winners.

- (1) Order for £25 for radio equipment—MRS. M. E. POTTS, c/o Mrs. J. McDonald, Pencarrow Farm, Featherston.
- (2) Order for £10 for radio equipment—MRS. R. C. PALMER, Spring Grove, Nelson.
- (3) 10 Prizes (increased to 12 Prizes) of £1 each—10s. in cash and 10s. subscription (one year prepaid) to "Radio Record"—Mrs. M. M. Inkster, 202 Worcester Street, Christchurch; Mrs. H. S. Cottrell, 24 Hastings Street, Napier; Mrs. R. G. Eden, Wakefield, Nelson; Mrs. B. S. Smith, Waiwetu Road, Lower Hutt; A. Russell, 104 Duke Street, Invercargill; M. Donny, Rural Delivery, Morrinsville; J. P. Black, 56 Hector Street, Seatoun, Wellington; H. B. Vine, 27 South Road, Masterton; Miss Mictorine Ruscoe, Marybank, No. 1 Line, Wanganui; Miss M. Lovel, Rototuna R.D., Hamilton, Waikato; H. F. Harvey, "Daisy Bank," Martinborough; Mrs. R. P. Skinner, jun., Tuapeka Mouth, Otago.
- (4) 10 Prizes (increased to 11 Prizes) of 10s. each, subscription (one year prepaid) to "Radio Record"—Mrs. T. W. Barwell, Spring Farm, North Loburn, via Rangiora; Vincent Climo, Alfriston, Manurewa, Auckland; Mrs. Gordon Hodge, R.D., Waikou; Mrs. B. G. Knight, Tua Marina, Marlborough; Mrs. J. J. Lee, Waitomo Caves, King Country; Miss Doris Semadine, Harbour View Road, Te Atatu; E. A. Robertson, Papanui, Auckland; Miss A. Hammond, Omaka Rural Delivery, Blenheim; Mr. Hamish Rutherford, P.O. Box 10, Springfield, Canterbury; M. P. Spillane, Pukeatua, via Te Awamutu; Mrs. J. Blair, Silverdale, Auckland.

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What principles should guide the prudent testator in selecting a Trustee?

What are the advantages of a Corporate Trustee over private individuals, such as friends or relatives? Why and when should a Will be made?

What is the expert, economical service offered by the Public Trustee?

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### "Your Estate"

obtainable free from any office or agent of the Public Trustee, or free by post from the Public Trustee, Wellington.

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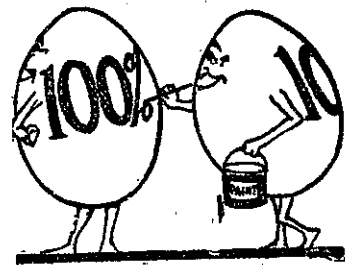
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Absolutely Silent in Action.  
Catalogue posted free on request  
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Engineers, Wellington, Auckland



## REMOVAL NOTICE

### Electric Gossip



"RELAYED"

The shop lately known as Paramount Millinery, 120 Willis Street, will now be known as "Macquarrie's."

Radio Sales and Service, is what we have given to every customer, and now that we are in bigger premises, no doubt the sales will increase, but our service will still be of the same high standard.

#### DYNACONE SPEAKERS, ETC.

Crosley Battery and Electric Model Receivers, Speakers: Cone, Horn, Cabinet, Exponential, Moving Coil. Anything from earth to aerial.

#### SO YOU SEE

If you want it good, it is 10 to 1 we have it at 120 Willis Street, 2 doors from Boulcott Street. And you'll hear The Radio (sometimes).

### G. G. Macquarrie Ltd.

Crosley Radio Sales and Service 120 WILLIS STREET, WELLINGTON.

## The Full Wave Crystal Set.

"B. P.S." (Devonport) has constructed the full-wave crystal set, and states that it is a big improvement on the ordinary crystal, inasmuch as it brings in 12B quite clearly, also 2YA and the Australian stations faintly. He observes that signal strength from 1YA is greatest when the condensers are closed right up, and that disconnecting either crystal does not lessen the signal strength in the slightest.

A.: It appears that the coils are too small; add the same number of turns on to each, so that 1YA will be brought in further up the dial. If the two dials are not perfectly matched, a few more turns should be added to the coil, the dial of which reads the greatest.

(The full-wave crystal set was described in our issue, December 14, and also on page 23 of the "Radio Listeners' Guide.")

## Plate Melted Off.

"S. B." (Palmerston North) states that the plate in the rectifying valve in his charger has melted off, despite the fact that there were only three blocks of 20 volts each being charged. Particulars as to the type of valve were not given, so that it is very difficult to say what the cause might have been. Certainly a short-circuit is suggested, and the correspondent should examine his circuit very carefully for this. At the same time, he should see if his valve is not being overloaded.

What is the purpose of a resistance lamp, and which requires a bigger resistance—40 watts or 60 watts?

A.: A resistance lamp is a safety device to prevent the high-tension current from the mains damaging the charger. A 60-watt lamp has a less resistance than a 40-watt one.

## Questions and Answers

## Varied Set Ailments.

"H. E.C." (Wellington) asks the following questions:—

1. How to test a Siftron?

A.: A siftron is an output filter comprising an iron-cored choke and a by-pass condenser. The test can be made by the phones and cell method. Connect these across the two input terminals. A click will indicate that the choke is OK. Connect one of the input with the output opposite. There should be either a click or a silence. Now test the other pair. If a click was heard on the first test of these two opposites there should be a silence or at the most an initial click followed by silence. One pair should give a click at every application of the testing apparatus. One at the most—one, and then silence.

2. How to add a further audio stage to "Round the World Two."

A.: Disconnect the connection between the plate of the last valve and the jack. Introduce another audio transformer, placing it at right angles to the existing transformer. Connect "P" so disconnection to "P" of the transformer. Disconnect "B plus" from the jack, and connect this to "B plus" of the audio transformer. Introduce another valve socket connecting "G" of this to "G" of the transformer. "GB" of the transformer is connected to the negative of a grid bias battery of about 4½ volts, depending on the valve to be used in the last stage. The positive of this battery is connected with the "A minus." Connect the plate of this last valve socket to the jack as before, and the other leg of the jack to the highest "B" voltage available. It remains now to connect

up the filaments. Connect one of these pins to an amperite, then to the filament connection of the first audio transformer as shown in the original diagram. The other goes to "A plus."

3. Can I connect a dry battery with a wet "B" battery to increase its voltage?—Yes.

4. Since inserting three new English valves in my American set, I have found the set very unstable on the lower wavelengths. I am now using an American detector with English radio and audio. The use of a Continental detector makes things worse. Would the addition of Phasatrol stabilise the set.

A.: This is to be expected when English or Continental valves are used to replace American valves in an American circuit. The whole neutralisation apparatus of these sets is adjusted for American valves, either 201A or 199. If English valves are to be used they should be as nearly as possible matched to the American valves, that is, PM6 would give better results than the PM5's now used, but the correspondent would be advised to return to the American valves. A Phasatrol would certainly add greatly to the stability.

5. Where may I obtain particulars of the Australian broadcast programmes?

A.: The difficulty here is that the Australian mail comes in just a day too late to enable the programmes to be published. Where possible, we publish extracts from future programmes. It is doubtful if any daily paper would undertake to publish the full Australian programmes.

## A Neutralising Device.

"C. C.H." (North Auckland) states that he has noticed an arrangement similar to the regulator of a clock on the back of his American-made receiver. The letters "D" and "S" indicate the extremities. On altering the regulators, he notices that the tuning becomes sharp and howling commences. He seeks an explanation.

A.: This is the neutralising condenser, the letters standing for "dry" and "storage" batteries according to whether 199 or 201A type of valve is used.

2. What grid bias would be needed if I increased the voltage on the power valve B605 from 90 to 135?

A.: About 12 volts.

## Introducing an Eliminator.

"A. Z." (Dunedin) wishes to change from dry batteries to an eliminator, and asks if these are a success, and if any change in the set is necessary. He asks also if a power valve could be used with an eliminator?

A.: Where the mains current is reasonably steady, as it is in all but a very few districts, an eliminator can replace a battery with every satisfaction. The great advantage of an eliminator is that a power valve can be used with excellent results. Voltage that is economically unobtainable through batteries, is quite possible with an eliminator. Many of these instruments have grid bias tapings going up to about 50 volts negative, thus enabling a power valve to be used with 180 volts on the plate and 50 volts grid bias, e.g., the 171A type.

The correspondent asks the amount of grid bias he would have to use, but that would depend entirely on the valve in the last stage. See "Listeners' Guide."

## Concerning a Super-Hetrodyne.

WISHING to construct the last word in short-wave receivers, "W.J.W."

# "Mighty Monarch of the Air" Here's "EYE VALUE" PLUS

Guaranteed Performance—Selectivity—Range—  
Volume—Dependability.

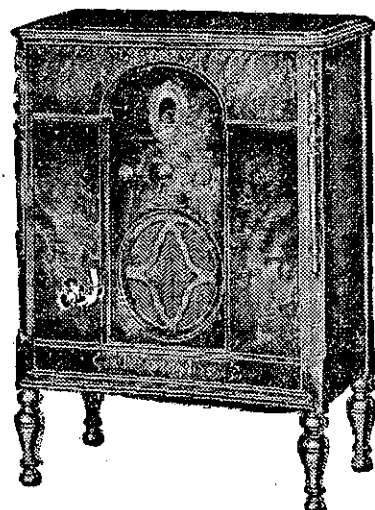
The "EYE VALUE" of  
**MAJESTIC**  
ALL-ELECTRIC RECEIVERS

—is apparent to all. The other features  
ARE GUARANTEED.

There is a Majestic Distributor in your  
District.

Let us arrange for a demonstration of  
the Majestic Receiver in your own  
Home.

POST THE COUPON  
NOW ! 



MODEL 71. Seven-Valve, Single  
Dial Control Dynamic Speaker,  
Matched Burl Walnut Cabinet,  
with Bird's-eye Panelling. Price, com-  
plete with Valves .....

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Please arrange for a private demonstration of  
the Majestic All-Electric Receiver in my  
own home.  
Name .....  
Address .....  
Date .....

(Brixton) asks advice regarding a short-wave super-hetrodyne described in "Modern Wireless." This receiver departs somewhat from the usual, requiring certain transformers that are unobtainable in New Zealand. A compromise is suggested, but they will not do.

A.: The correspondent is advised to try something less ambitious. Super-hetrodynes are not featured in New Zealand, and not only are parts difficult to obtain but knowledge of these is very scant. The regulations prohibit the use of a super-hetrodyne on anything but a loop antenna. Try the receiver described in the "Listeners' Guide."

#### An American Hi-Q Receiver.

"G. P." of Oamaru, sends for our consideration details of an American Hi-Q receiver that is described in "Radio News" for March, 1929. He asks several questions regarding the coils.

A.: We should strongly advise our correspondent to try something less ambitious. The set is very complicated, using the tuned plate tuned grid system, the coils for which, to our knowledge, are unobtainable, and would require a great deal of experimenting if home-made. No less than five tuning condensers are employed, ganged in two groups. This would complicate tuning very considerably. These sets are intended for American amateurs who have had years of experience and who can obtain most of the parts without any difficulty. If such a receiver were constructed great care would have to be exercised to prevent losses, as any loss would offset the advantages secured by the intricacies of the circuit. If a complicated receiver is desired the correspondent would do well to try the Adapted Screen Grid Brown-Drake.

#### Stray Capacity.

"T. P.S." (Christchurch) writes: "I have placed my short-wave receiver immediately below my broadcast set and find the signals vary in strength as my hand was moved between the two. On opening the front of my broadcast receiver and moving the tuning condenser I found that the signals had almost disappeared when this was at maximum and minimum capacity."

A.: It appears that between the two receivers a capacity effect is caused, no doubt through something being common to both. The further statement that the "A" battery supplies each set strengthens this view. An aerial going to both sets would have a like effect. The way to overcome this is to shift the sets further apart and use one only at a time and have no connections between them.

#### The R.F. Booster.

A LITTLE while back a correspondent described, through "Suggestions from correspondents," a booster comprising an untuned stage of radio frequency. This has proved very satisfactory, but a correspondent raises the following points, some of which are of vital importance:—

1. The article says "attach the lead from the 'B' battery to the ground post on the set." Would this not short-circuit the batteries and burn out the valves?

A.: Yes, if the aerial coil was in any way connected with the remainder of the set. The writer presumed that the first transformer has its primary distinct from its secondary, but in many receivers, e.g. Browning Drake, this is not so, and the filament end of the secondary or grid coil is connected with the earth. Those constructing this booster must examine their sets to see that there is no connection between the aerial and secondary coil of this first transformer.

2. How can the valve in the booster be expected to function when there is no current applied to the plate?

A.: The current is applied to the plate through the first radio frequency transformer, "B plus 45" is attached to the ground post, and, provided there is no connection between this and any other part of the set

the current will pass through the aerial coil to the aerial terminal of the set and so to the plate of the booster.

3. What is the object of placing a resistance between the rheostat and the variable condenser?

A.: None. It was mentioned only because the correspondent had used it to advantage. A wire wound resistance placed between the grid of the first valve and the coil will act as a stabilising device.

4. What is the difference between a bypass condenser and an ordinary fixed one?

A.: None, the terminology merely indicates the use of a fixed condenser.

5. As the booster is not neutralised, will it not cause interference?—"Constantinople" (Matamoras.)

A.: Yes, if not carefully handled. But were it to oscillate, the signals would be so distorted that it would be impossible to listen to them, so that the constructor in his own interest, would not oscillate.

#### Lower Wavelengths Mushy.

"INTERESTED" (Central Otago) finds that on wavelengths below 3YA signals are mushy and distorted, and the tuning is very broad. He asks if a condenser or R.F. choke in the aerial lead would sharpen tuning.

A.: It appears that the difficulty lies in the construction of the receiver, and it will be indeed hard to make any satisfactory alterations. A condenser in the aerial leads should be tried, and the detector voltage should be kept low, about 222.

The same correspondent asks if it will be necessary to vary the grid leak if he alters his battery voltages, but there is no necessity.

#### Battery Voltages.

ONE of our shortwave correspondents, "W.G.L." (Southland) inquires regarding his set. The last audio stage will not take any more than 90 volts without screeching, although the audio valves are correctly biased. The makers' recommendations are 125 volts and 0 volts grid bias.

A.: Try a grid leak, value  $\frac{1}{2}$  megohm, in series with the grid of the last or second last valve, and make quite certain that the battery voltages are OK.

2. "While trying to experiment with more grid voltage, I removed the last C minus connection, and the set worked quite well without it, but with a slightly reduced volume." Short-circuiting of the secondary of the transformer is suggested.

A.: The function of the "C" battery is to improve quality rather than volume. By disconnecting the grid bias, the amplifier is working from the free grid system, which should give slightly louder signals, but more distorted. There is probably nothing wrong with the transformer.

#### An Unshielded Booster.

"R. J.K." (Palmerston North) states that he has the shield grid booster which works perfectly from 400 metres upwards, but below this causes the set to oscillate.

A.: The whole booster wants shielding and the shield connected to earth. Otherwise remove it a considerable distance from the set and connect the plate to the aerial coil by a very thin lead of wire.

#### Circuit Diagram Wanted.

"A. B." of Denniston, who has consulted an expert regarding his set, comes to the conclusion that there is a short circuit, resulting in loss of volume. The set is a "Claratone," and he requires a blue print of this in order to be able to track down the trouble.

A.: Although we have asked several dealers, we cannot obtain any information regarding this "Claratone" set, but the expert friend should be able to tell the type of set—regenerative or neutrodyne—and from that follow out the wiring, which will be almost exactly the same as any other set of its type. A diagram is not necessary to look for

faults. The wiring need only be checked over as it appears in the set. In looking for a short circuit, try first all bypass condensers, testing them by the phones and cell method. Then examine for touching wires, defective resistances, burnt-out transformers, faulty valve bases, etc.,

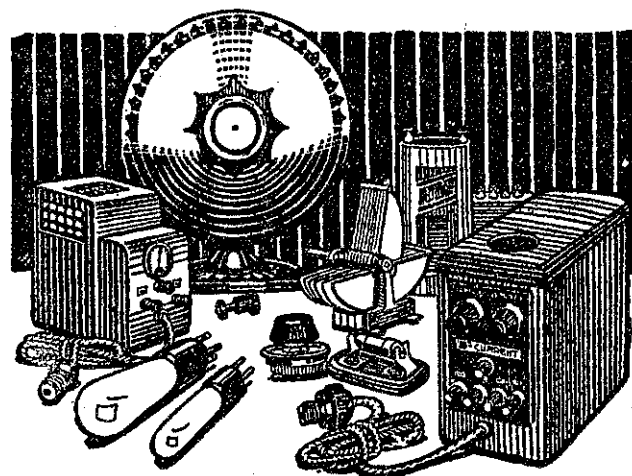
#### Troubled with Morse.

"J. L.F." (Lower Hutt) is greatly troubled with morse. He is using a crystal set and a two-valve amplifier.

A.: This is one of the disadvantages of living beside a port and near a Government station. The best method is

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to make the crystal set selective. Selectivity with a crystal set has been fully discussed in the "Guide." In addition, it might be added that the writer has found the English carburettums to be very selective. In fact, using a plain coil it has been found that Wellington will disappear in about 10 degrees. This means that morse could most probably be tuned out.

#### Converting a Moving Coil Loudspeaker.

"F. H." (Dannevirke) wishes to convert a casting to make it suitable for "Pentode's" dynamic cone. From the diagram he submits, the following points occur:

1. There is not enough room for the wire of the moving coil.
2. The general shape leaves much to be desired. It tends to loss in the joins.
3. It would work, but not well enough to warrant the work proposed.

The number of turns on the moving coil for a 171 valve is about 800. For the pentode valve, any attempt at matching would mean the winding on of several thousand turns, so that the best plan would be to wind the coil for an ordinary power valve, and work the pentode with this.

#### "X" Coils Wanted.

F. W. ENGLEHART, of Taurarou, asks if "X" coils are obtainable in New Zealand. He is wanting one with 250 turns and one of 60 turns for a wave-change set.

A.: As far as can be ascertained they are unprocurable, being unnecessary where the wavelengths are more or less low. In England, coils with such a large inductance are employed where stations on wavelengths of over 1000 metres, such as 5XX, Daventry, are to be received, as well as stations on the lower wavelength. Provision has to be made for a wave-change arrangement in order that either high or low inductance coils can be used at will. In New Zealand, there is no need for the high inductance coil, seeing that the only stations available on the longer wavelength are an occasional commercial station and Perth; this latter owing to the distance cannot be well received here. However, if the correspondent wishes to construct his own coils, he could do so by winding 250 turns on to a 3-inch former, and tuning with a .0005 condenser.

#### The "Round the World Two."

"I. M." (Auckland), who is making his debut as a constructor, asks the following points regard the "Round the World Two":—

1. Oscillation: He states, "I understand that one has to search for stations just at the point of oscillation. This point is so sharply defined that I cannot hold the set in that state in order to search for signals."

A.: Reduce the "B" battery voltage on the detector. This must be kept low, if smooth oscillation is required. Increase the value of the grid leak.

2. Hand capacity: I am greatly troubled from hand capacity, which applies when I place the hand at the back of the set to adjust the neutralising condenser. The proximity of the hand to the coils causes the signals to disappear and the effect of the tuning of the neutralising condenser is lost.

A.: It appears that the panel will have to be screened, that is, a metal plate placed at the back of the panel and connected to earth.

3. Coils: "I am a little doubtful about the coils. I have been advised to use a third coil on the swivel—(a tickler). Would a ready-made set of coils improve the circuit?"

A.: Reaction is carried out in this receiver by an extra winding and controlled by a neutralising condenser. This has the same effect as the moving tickler. A set of ready-made coils could be used to save the trouble of making them.

4. Battery voltage: I have been using from 20 to 40 volts on the detector, and have varied "B+" between 60 and 90.

A.: Reduce the "B+" detector voltages and add more tickler turns if necessary.

Shortwave tuning is very intricate and requires a great deal of practice before a good log can be amassed.

#### Half-wave Rectification.

REGARDING the article on Power Transformers in "Listeners' Guide," "S.W.B." (Oamaru) writes: I would like to know if I can use a centre-tapped transformer, say 250 volts, on each side with a half-wave rectifier, disregarding the second half?

A.: Yes, by winding the other end well

out of the way, one half can be used with a half-wave rectifier.

#### To Log the Americans.

"H.A.D." (Levin), who owns a factory-made set, wishes some information on logging the Americans and Australians. He is using a good aerial which runs from north-west to south-east.

A.: Such a set and aerial should bring in the Australians. They can be logged at usually good strength after about 9 o'clock, and sometimes some considerable time earlier. As for the Americans, an aerial running from north-east to south-west would be the best. These stations can be logged usually before 8 p.m.

Would a magnetic earth tube make a more efficient earth than one soldered to the water mains?

A.: Providing these enter the ground at a short distance from the set—No.

#### Life of Valves.

"LISTEN-BUT-DON'T-TOUCH" has been using the same valves for 2½ years, and assures us that they are still going strong. However, from his log of stations we are inclined to think otherwise, particularly as his sets works best from 45 volts only, and as well without the grid leak as with it. The best way to convince the correspondent that his set is not giving him maximum efficiency would be to obtain a set of new valves, and bring his voltage on the audio valves up to 90, that on the radio valves up to 67½, leaving the detector at about 22½ volts. The fact that the set works better without the "grid" (by which we take it the correspondent means grid leak) would indicate that either the grid condenser has broken down or that the radio frequency valves are detecting. The condenser should be tested by the 'phones and cell method.

#### Transformer for A.C. Amplifier.

"T.C.E." (Auckland) in passing favourable comment on the "Crystal and Valve with Three Valve Performance," states that he now contemplates constructing the crystal and amplifier to work off the mains, but he would like to know where he could get the transformer ready made.

A.: The Dongan Power Unit (Abel, Smeeton), as reviewed in our columns, would be quite suitable. Other power units, however, should be equally suitable.

What thickness or quality of paper do you suggest for wrapping round the layers of the wire?

A.: Ordinary good quality writing paper.

#### Operating a Moving Coil.

"CAN I operate a moving coil speaker from a charger delivering .65 and 1.3 amps?"—"C.R.A."

A.: Yes, select the rate that gives the best results. It will not overheat the coil of the speaker.

#### Power Interference.

"C.J.W." (Reefton) is in a rather unfortunate position as regards power lines. He is situated 300 yards from a power house, 25 yards from one set of power lines and about the same distance from another line at right angles. A picture theatre is 75 yards from him. Reception during the daytime is impossible.

A.: This is probably one of the worst cases possible as far as the location of the radio receiver is concerned. From a sketch he has indicated that his aerial is at right angles to the power house. The length is not stated. The following are suggestions that may help the correspondent:—

1. Fully shield the receiver. This would minimise the pick-up of interference on the coils.

2. Try a counterpoise earth. This probably would be effective, especially if used in conjunction with a shielded receiver. A counterpoise is merely a second aerial slung a few feet from the ground immediately below the usual

aerial. It is fully insulated as is the usual aerial. This is connected by a lead-in to the ground post and all connection with the ground broken.

3. Reduce the size of the aerial and try shifting round in different directions.

4. A loop antenna may be used to replace the ordinary aerial if the set is powerful enough to operate from the loop.

5. See "Noises" and "Counterpoise" in "Listeners' Guide."

#### Shielded-5 Neutrodyne.

WISHING to construct the Shielded-5 Neutrodyne, "D.R.Q." (New Plymouth) purchased a set of factory-made coils, and discovered that the diagram was slightly different from that described by "Pentode." The main difference is that the neutralising is done from the secondary instead of from the primary as in our Shielded-5. Other alterations are that separate bias is applied to the last valve, and a higher voltage to its plate.

A.: The circuit diagram supplied is equally efficient as the Shielded-5, and "Pentode's" instructions can be followed with the small compromise regarding the neutralisation. Other alterations with regard to voltages should be followed.

#### An Audio Howl.

"G.F." (Putaruru) states that his set has developed a howl which obviously arises from the audio end. He has tried various voltages on both anode and grid, but finds that when he puts his hand on the audio fre-transformer, the howl changes from a deep note to a high shrill howl.

A.: Try ½ megohm grid leak in series with the grid of the last valve, or a bypass condenser or a resistance across the secondary of the last transformer.

#### Material for Condenser Plates.

"PUZZLED" (Wellington) wishes to know of which materials the plate of variable condensers are made—brass or aluminium.

#### A Loose Valve Socket.

"A.J." (Tauranga) complains that his set has a tendency of going out of operation on receiving the least jolt. It can be made to work again by pressing a particular valve hard into its socket.

A.: It appears that the connection to the valve socket is loose, or one of the terminals of this is not making contact with the pin of the valve base. This should be carefully examined for loose contacts. The set should be overhauled so that the operator can make certain there are no other loose contacts.

Please state exactly what type and name of valves to be used in the Round the World Two.

A.: It would be unfair to one maker to stipulate another's valves. By referring to the classified index in the Guide, the constructor can select any make of valve for any position.

What voltage should be used?

A.: About 22½ volts on the detector and 90 at least on the audio valve. This will require two 45 volt blocks.

How are the batteries connected to the set?

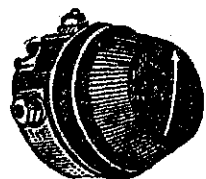
A.: Join "B" +45 of one to negative of the other. Take a lead from the free negative to the negative of the set. From the 22½ volt tapping on this same block take a lead to the detector from the free 45 terminal, take a lead to the phones.

#### Dial Readings Change.

"H.W.Y." (North Auckland) complains that the dial readings for several shortwave stations have been recently altered. The set is that described in the 1928 "Listeners' Guide," the coils of which are variable in their relationship to one another by a slider.

A.: It appears that either the wavelengths of the stations have changed, or that the dial has slipped in relation to the condenser. An alteration in relationship to the tickler could also have an effect on the tuning.

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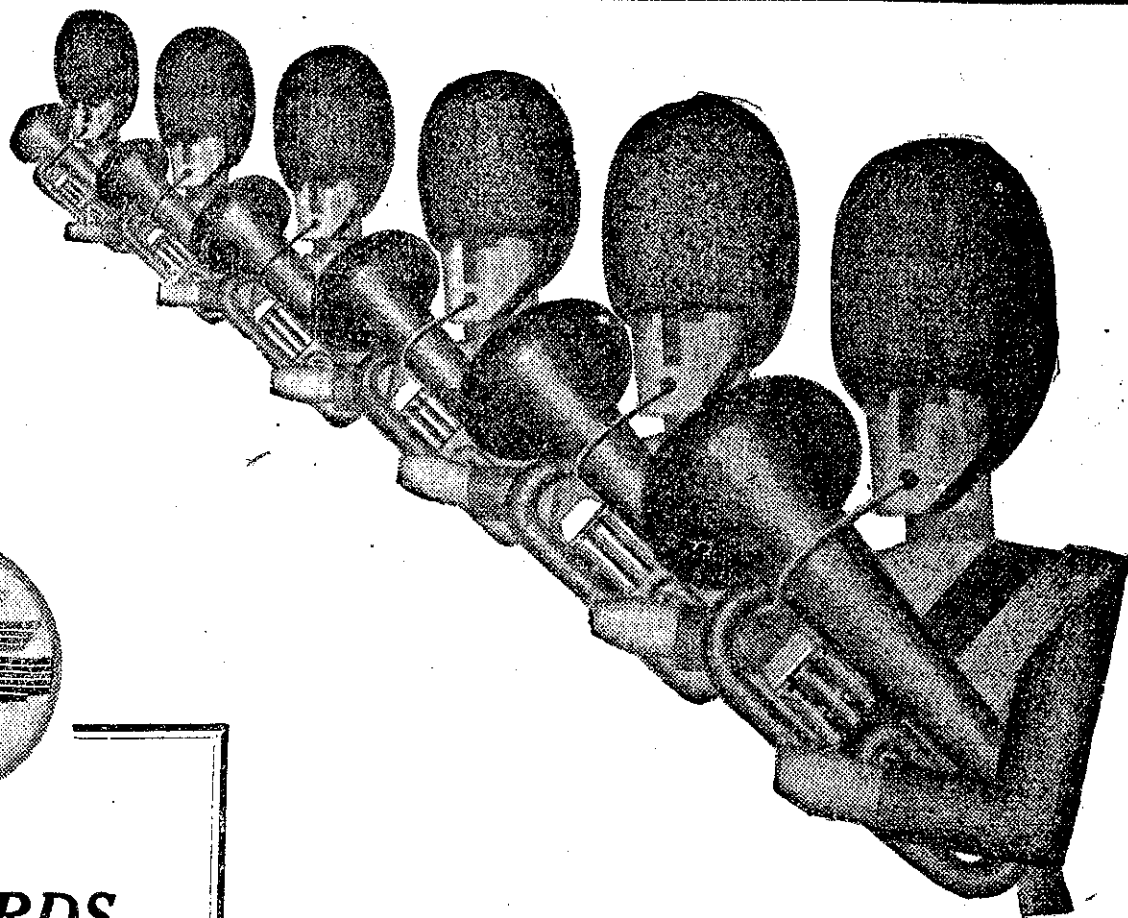
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# Next Week's Features

## 1YA Features

Much new talent will appear at 1YA next week. Among the artists making their radio debut will be Madame G. Anderton (soprano), the Auckland University Students Literary Society (presenting two short sketches), Miss Mary Carlton, and Miss Nancy O'Connor. Mrs. Culford Bell and Mr. Dan Flood will appear as a duo and should be very successful in their humorous sketches.

The Sunday evening Anglican service conducted in St. Mary's Cathedral will be broadcast. A studio concert will follow.

A comedy sketch, "On a Motor-bus" will be given by Mrs. Culford Bell and Mr. Dan Flood on Tuesday evening. Mrs. Bell will also be heard in another recitation, "Echo and the Ferry."

THE vocalists for Tuesday evening will be Madame G. Anderton (soprano), Miss Madge Clague (contralto) and Mr. Ernest Snell (baritone). Instrumental numbers by the trio will be a waltz from the opera "Eugene Onegin" and selections from "Aida." Mr. Eric Waters, pianist, will play "The Kitten on the Keys." There will be relays of orchestral music from the Majestic Theatre.

On Wednesday, the first of the series of community sing-songs will be broadcast on relay from the Town Hall.

Two sketches, which should prove very acceptable to listeners, appear on Wednesday evening's programme. The performers will be members of the Auckland University Literary Society. The sketches will be "The Stepmother" and "The Grand Chem's Diamond." Other elocutionary numbers will be given by Mr. Alan McSkimming. These items will comprise "Wolsey on His Fall," "Open Spaces," and a humorous number. The versatile Miss Edna Langmuir will be associated with Miss Daphne Higham in a series of vocal,

piano and violin numbers. These will comprise "Hindoo Song," "Czardas," "Dance Bizarre," and "Songs My Mother Taught Me." Messrs. R. Davies and Salthouse will be contributing cornet duets.

THE orchestral numbers on Thursday's programme will include "Le Blanche Dame" (Boieldieu), selections from "Chu Chin Chow," two waltzes, a violin solo by Miss Ina Bosworth with orchestral accompaniment, and "In a Monastery Garden." The vocalists on the programme will be Miss Beryl Smith and Mr. Len Kernot. The Assquiths will also be appearing in one of their popular thirty-minute drawing-room entertainments.

FRIDAY evening's programme will consist chiefly of Russian music. The vocalists will be Madame Mary Towsey's Quartet. Their opening number will be "The Volga Boat Song." Then will follow works, both vocal and instrumental, from the best known Russian composers. Among the items will be: Miss Mary Carlton singing Gretchaninoff's "Over the Steppe," Tschai-kowsky's "Don Juan's Serenade" by Mr. John Bree, Rimsky-Korsakoff's "Song of India," as sung by Mrs. Percy Thode, and further Tschai-kowsky, Rachmaninoff and Arrensky vocal numbers sung by Miss Edna Peace, Miss Nancy O'Connor and Madame Mary Towsey.

The Auckland Comedy Players under the direction of Mr. J. F. Montague will perform a one-act play entitled "Afternoon." This is a particularly intriguing play and the clever dialogue works up to an unusual climax. A short sketch will also be presented, entitled "The Weaker Sex."

THE vaudeville for Saturday evening will include a number of Maori and Hawaiian items—a special programme for the entertainment of friends in the Cook Islands. The performers will be the Bohemian Duo and Ingall's Hawaiian Orchestra. Also singing will be Miss Alma McGruer

(soprano) and Mr. S. Pritchard. Mr. Dan Flood will provide mirth.

## Features from 2YA

THE service to be broadcast on Sunday evening will be relayed from St. Andrew's Presbyterian Church. The Rev. R. Howie will be the preacher. After the church service will follow a relay of the concert to be given by the Wellington Municipal Tramways Band, under the conductorship of Captain T. Herd. The concert will be given in His Majesty's Theatre and an excellent programme has been arranged, including the Bridges Trio.

ON Monday evening Miss Anne Davies (soprano) will sing "Roses for the King," a composition by Miss Edith Barry (who recently broadcast from 2YA and other New Zealand stations), and also "Who'll Buy My Lavender?" and "A Song of Thanksgiving." Mr. John Prouse's items will include "Hearts of Oak," "Son of the Ocean Isle," "Blow, Blow Thou Winter Wind," and "My Love's an Arbutus." Miss Nora Greene (contralto) will sing "There's a Land," "There is Only One England," and "Land of Hope and Glory." Mr. Charles Edwards (tenor) has chosen for his items "Homeland" and "Glorious Devon." Mr. Cedric Gardiner will recite two patriotic poems, "The Day of Kings" (by Owens) and "England to the Sea" (by Vermede).

A feature of Monday's programme will be the relaying of the organ recital by Mr. H. Temple White. Mr. Harold Oakes will play as a trombone solo, with organ accompaniment, "Let Me Like a Soldier Fall," and Miss Nora Greene will sing Elgar's "Land of Hope and Glory," also with organ accompaniment. Mr. White will play as an organ solo Elgar's "Salut d'Amour."

ON Tuesday evening a light popular programme will be presented, the contributing artists being Mr. W. E. Robbins (tenor) and Miss Lily Charles (popular songs). The Co-optimists will be heard in short sketches and novelty items.

The Wellington Artillery Band will contribute the majority of items on Thursday's programme. The band, which plays under the conductorship of Captain T. Herd, will present an interesting and varied programme, outstanding items being the fantasia "Souvenir de Russe," Handel's "Largo," the cornet duet "Sandy and Jock," a nautical fantasia of sea songs entitled "A Sailor's Memories," and an air varie

"Spanish Chant." Two humorous sketches will be given by Mr. John Fortis and Miss Elise Lloyd, namely, "Cold Poison" and "The Collaborators." The vocal portion of the programme will be contributed by the Lyric Male Quartet, and Mrs. Elvira Meban (soprano).

ON Friday evening Mr. Dan McKenzie will give a further talk on "The Laws of Rugby." His talk is timed to commence at 7.40 p.m. The concert session for the evening will comprise operatic and comic opera vocal gems by the Ariel Singers, who will also be supported by the Studio Orchestra in several items. At the conclusion of the studio concert a portion of act 3 of the opera "Tristan and Isolde" will be presented by means of gramophone records.

ON Saturday evening 2YA will relay the Wellington Harmonic Society's concert, to be given in the Town Hall.

ON Monday evening, June 10, being the forty-third anniversary of the Tarawera eruption, which occurred on June 10, 1886, Mr. R. M. Oliver will recite Kelly's narrative poem "Tarawera." This beautiful piece of word-painting depicts the eruption as seen by one of the old Maori tohungas, and describes the scene of desolation and the after-effects in graphic language.

## 3YA Notes

ON Sunday evening 3YA will relay the religious service conducted in the Durham Street Methodist Church. The preacher will be the Rev. W. T. Blight, and the organist Mr. Ernest Firth, F.R.C.O. The after-church broadcast will consist of a gramophone recital from 3YA Studio and a re-broadcast of the concert to be given by the Wellington Municipal Tramways Band in His Majesty's Theatre, Wellington.

FROM 9 o'clock on Monday evening 3YA will relay a description of the boxing tourney which is to be held under the auspices of the Christchurch, Alatau Boxing and Sports Club. The concert programme which will precede the sporting relay will be an excellent entertainment, contributed by the Christchurch Municipal Band, Mrs. D. W. Stallard (contralto), Mr. Bernard Rennell (baritone), Mr. Richard R. Wills (elocutionist), and the Studio Trio.

EXCERPTS from "Rose Marie," the very popular musical play, will be

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the feature of Wednesday evening's programme. The vocalists will be Miss Lillian Hanham, Miss Dulcie Mitchell, Mr. H. Blakely, and Mr. J. Graham Young. This should be a particularly enjoyable evening, for in addition to the "Rose Marie" numbers there will be some excellent miscellaneous items by the same vocalists and selections by the Studio Orchestra under Mr. Harold Beck. Mr. Beck will also play 'cello solos, and the records will comprise orchestral numbers, a violin solo by Kreisler, "Indian Love Call," flute quartet, a grand organ solo, and a male voice quartet.

"FLORA'S HOLIDAY," a charming song cycle of English songs, will be sung on Thursday evening, the vocalists being Madame Gower Burns, Miss Dorothy Spiller, Mr. Ernest Rogers, and Mr. James Filer. The supporting programme will include such fine solos as "Invocation to the Nile," "Maire My Girl," and "Hybrias the Cretan," while there will be a soprano and contralto duet, London Ronald's "Sunbeams." Elocutionary numbers by Miss Maiona Juriss will be "Llano Estacado" and "The Woman Who Understands."

**MISS ALTHEA SLACK**, pianiste, late of the Sydney Conservatorium, will play pianoforte solos—Schumann's "Novelette," De Bussey's "Arabesque," and "Garden Under Rain."

A lecture by Sir Francis Boys, president of the Canterbury Amateur Aero Club, will be given on Wednesday evening. This lecture was adjourned from last week.

**FRIDAY** evening's programme will be provided by the Male Choir Concert Party of the Commercial Travelers' Association. The commercial travellers have much individual and collective talent. Part-songs will be a feature of the programme. These will comprise "Sailor's Song," "Minnersingers," "In a Gondola," "To Arms," and "The Camel and the Butterfly." Among the soloists will be some artists new to 3YA—Miss Merle Parry (soprano), Miss Maggie Richardson (contralto), Mr. G. W. Parry (tenor), Mr. W. Toomey (baritone), Mr. K. W. Connor (baritone), Mr. H. Taylor (bass), Mr. W. Drake, Mr. Robert Clark (violinist), and Mr. A. E. Romerill (reciter). Among the solos for the male voices will be "The Diver," "The Tune of the Open Country," "The Stoker," "Fairings," "Duna," "For You Alone," and "Indian Serenade."

**THE** Beckenham Male Quartet will be contributing to Saturday evening's radio vaudeville. Their part-songs will be "Old Black Joe," "Slumber Song," "There was an Old Woman," "A Catastrophe," and "Sun-kist Hawaii." Miss Nellie Lowe will be singing solos—"If I Might Come to You," "My Curly-Headed Babby," and "The Garden of Sleep." Mr. Charles Lawrence, the popular entertainer, will be on the air for a quarter of an hour, and Theo. and Frances Gunther, two very clever little performers, will play English concertina duets. There will also be Mr. George Titchener in distinctive humorous items.

## 4YA Notes

**KNOX CHURCH** will be on the air on Sunday evening. The preacher will be the Rev. James Burns. Following the church broadcast there will be a relay of the concert to be given by the Kalkorai Band in His Majesty's Theatre.

**THE** vocalists for Monday evening, when an excellent concert programme will be presented, will be Miss Roma Buss, Mr. L. E. Dalley, and Mr. F. M. Tuohy. Mr. Dalley's songs will include "Songs My Mother Taught Me" and "I Know of Two Bright Eyes." Mr. Tuohy will sing "The Harvesters' Night Song" and "Topsail Halyards." "Larboard Watch" will be a duet. Mr. J. A. Paterson, the Scottish comedian, will sing songs by Lauder, Fyffe, and McFarlane. The instrumental programme for the evening will be provided by the Studio Trio and by special gramophone records comprising orchestral, Wuritzer organ, and vocal chorus numbers.

**THE** St. Kilda Band under the baton of Mr. James Dixon will provide a programme at 4YA on Tuesday evening. The items will comprise two marches, "The Charmer," and "Love and Honour," a waltz, an intermezzo, fox-trots, and "The Smithy in the Wood." A splendid vocal programme will intersperse the band items, and there will also be special gramophone records. The vocalists will be Miss Stasia McCready and Mr. E. G. Bond, while elocutionary numbers will be given by Mr. Carl Moller. Miss McCready's items will be "Down Here," "For the Green," and "We'd Better Bid a Wee." Mr. Bond will sing "The Deathless Army," "Rolling Down to Rio," and "Father O'Flynn."

**THREE** fine songs will be sung by Mr. A. W. Alloo, baritone, on Wednesday evening, "Nelson's Gone a'Sailing," "The Diver," and "Angels Guard Thee." There will be two sketches by Miss Anita Winkel and Major F. H. Lampen. Instrumental items will be played by the Kalkorai Brass Quintet, and instrumental solos by Mr. G. Lowry (flugel-horn), Mr. D. Scott (tenor horn), and Mr. W. J. Nelson (baritone).

**THREE** relays will be interesting features on Wednesday evening's programme. The first will open the programme. This will be a contribution by Mr. Leslie Harvey, played on the Christie organ, at the Empire Theatre. This is the finest instrument of its kind in New Zealand, and Mr. Harvey is an expert exponent. The other two relays will be from the Ritz, where the orchestra will play two novelty entr'actes.

**A** VERY FINE vocal programme characterises Friday evening. The 4YA Harmonists will sing some nursery rhymes, and solos will be sung by the members of the party—Miss Molly Andrews, Miss Mae Matheson, Mr. H. A. Johnston, and Mr. F. M. Tuohy. These solos will all be well known and popular songs. Elocutionary items will be given by Miss Madge Yates, and instrumental items by the Studio Trio.

**TWO** of the records to be presented on Friday evening deserve special comment. One entitled "Khowant-

china" is the entr'acte from Act 4 of Moussorgsky's opera, "Khowantchina." It is a foreboding of the tragic events of the Act to follow. The other is Stravinsky's "Dance of the Fire Bird." This is a particularly vivid piece of music picture-painting. It reminds one of the legend of the Phoenix rising from the ashes.

On Saturday evening 4YA will relay 3YA.

## Flying in Fog

### Use of Direction-Finding Instruments

**THE** use of wireless direction-finding for navigation on the airways has become so much a part of the normal organisation that it hardly excites notice to-day except when some notable achievement brings it to public attention.

Such an instance occurred on March 26 when the Prince of Wales flew from France to England. There was a dense fog over the Channel, but so experienced are the airways pilots in making the journey in fog, with the aid of the Marconi wireless direction-finder, that there was no hesitation in making the trip with the Prince.

Describing the flight in an interview with a London newspaper, Captain O. P. Jones, of Imperial Airways, who was the pilot, said:—

"There was nothing but the floor of cloud-tops beneath us from half-an-hour after leaving Le Bourget until we arrived at Croydon, but... with a multiple engine machine and wireless direction-finding, the risk of having to make a forced landing is negligible."

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## Making Gramophones

**OF** the making of gramophones there is no end, and the interest taken in its multitudinous manifestations is unending. Particular attention, therefore, will be attracted by the announcement that at 1YA on Wednesday, June 12, at 7.40 p.m., D. A. Turner will give a talk upon "The Manufacture of Gramophone Records." Mr. Turner, who has had many years' experience with gramophones, is completely conversant with the process of making records from the initial stage to the finished article.

## "Rigoletto"

### To be Repeated Later

**A** GREAT amount of appreciation has been expressed concerning the radio presentation of the grand opera "Rigoletto," and numerous requests have been received for a repetition.

One correspondent, writing to 3YA, said: "It is the best thing I have ever as well as New Zealand stations."

In view of the requests received, it is probable that "Rigoletto" will be presented again in a few months' time, heard on the air, and I have listened regularly for years to Australian

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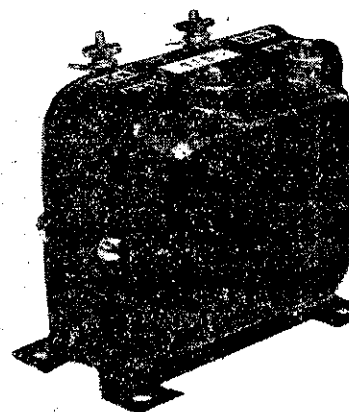
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# Full Programmes for Next

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## Sunday, June 2

### 1YA, AUCKLAND (333 METRES)—SUNDAY, JUNE 2.

- 3.0 p.m.: Afternoon session—Selected studio items.  
 4.0: Literary selection by the announcer.  
 4.8: Further studio items.  
 4.30: Close down.  
 6.0: Children's Song Service, conducted by Uncle Len.  
 6.55: Relay of evening service from St. Mary's Cathedral.  
 8.25 (approx.): Studio Concert.  
 Orchestral—Halle Orchestra, "Carneval Overture" (Dvorak) (Columbia Record 04073).  
 Baritone solos—Mr. Clinton Williams: (a) "Behold the Master Passeth By" (Hammond); (b) "God, That Madest Earth and Heaven" (Sanderson).  
 Piano solo—Miss Sylvia Kindberg, selected.  
 Mezzo-Soprano solo—Miss Ivy Taylor, "Ave Maria" (Kahn).  
 String Quartet—London String Quartet, "Allegro con Moto" (from "Three Idylls") (Bridge). (Columbia Record L1705).  
 Tenor solos—Mr. T. Moffitt, (a) "Angels Guard Thee" (Godard); (b) "Requiem" (Homer).  
 Baritone solo—Mr. C. Williams, "The Lord is My Shepherd" (Liddle).  
 Piano solo—Miss S. Kindberg, selected.  
 Soprano solos—Miss I. Taylor, (a) "Serenata" (Toselli); (b) "Rosary" (Niven).  
 Choral—The Sheffield Choir, (a) "Strike the Lyre" (Cooke); (b) "The Sea Hath its Pearls" (Pinsuti); (c) "A Secret" (Coward) (Columbia record 9159).  
 Tenor solos—Mr. T. Moffitt, (a) "Sometimes in Summer" (Bennett); (b) "The Dove" (Clark).  
 Band—Regimental Band of H.M. Grenadier Guards, "March Pompeuse" (Becker) (Columbia Record 0821).  
 Close down.

### 2YA, WELLINGTON (420 METRES)—SUNDAY, JUNE 2.

- 3 p.m.: Afternoon session—selected gramophone items.  
 4.30: Close down.  
 6.0: Children's song service, conducted by Uncle George.  
 7.0: Relay of evening service from St. Andrew's Presbyterian Church. Preacher, Rev. R. Howie. Organist and choir-master, Mr. Frank Thomas.  
 8.15 (approx.): Relay from His Majesty's Theatre of band recital of the Wellington Municipal Tramways Band, under the conductorship of Captain T. Herd.  
 Close down.

### 3YA, CHRISTCHURCH (306 METRES)—SUNDAY JUNE 2.

- 3.0 p.m.: Afternoon session—Selected gramophone items.  
 4.30: Close down.  
 5.30: Children's Song Service.  
 6.15: Hymn tunes.  
 6.30: Relay of evening service from Durham Street Methodist Church—Preacher: Rev. W. T. Blight. Organist: Mr. Ernest Firth, F.R.C.O.  
 7.45: Gramophone recital.  
 8.15 (approx.): Rebroadcast of relay from His Majesty's Theatre, Wellington, of Band recital by the Wellington Municipal Tramways Band under the conductorship of Capt. T. Herd.  
 Close down.

### 4YA, DUNEDIN (463 METRES)—SUNDAY, JUNE 2.

- 3.0 p.m.: Town Hall chimes.  
 3.1: Selected gramophone items.  
 1.30: Close down.  
 5.30: Children's song service conducted by Big Brother Bill.  
 5.15: Close down.  
 6.30: Relay of service from Knox Church. Preacher: Rev. James Burns. Organist: Mr. C. Roy Spackman.  
 8.5: Relay of Kaiikorai Band concert from His Majesty's Theatre.  
 9.15: Close down.

## Monday, June 3

### 1YA, AUCKLAND (333 METRES)—MONDAY, JUNE 3.

- 11.0 a.m.: Results of Auckland Racing Club's Winter Meeting, interspersed with gramophone items.  
 4.30: Close down.

### 2YA, WELLINGTON (420 METRES)—MONDAY, JUNE 3.

- 3.0 p.m.: Chimes of the G.P.O. clock.  
 3.1: Relay description of football match from Athletic Park.  
 5.0: Children's session conducted by Uncle Jeff.  
 6.0: Dinner session.  
 Overture—Philadelphia Symphony Orchestra, "Hungarian Rhadsody No. 2" (Liszt) (H.M.V. Record D1296).  
 Violin solo—Erica Morini, "Spanish Dance" (de Falla, arrgd. Kriesler) (H.M.V. Record EC5).  
 6.12: Tacet.  
 6.15: Orchestral—Royal Opera Orchestra, (a) "Shepherd Fennel's Dance" (Balfour-Gardiner), (b) "The Sleeping Beauty" (Tchaikowsky) (H.M.V. Record C1469).  
 Soprano solo—Florence Austral, "The Night Is Calm" (Sullivan) (H.M.V. Record D1506).  
 6.28: Tacet.  
 6.30: Orchestral—Royal Opera Orchestra, "Eugénie Onegin-Waltz" (Tchaikowsky) (H.M.V. Record C1281).  
 Violin solos—Fritz Kreisler, (a) "Love's Sorrow" (Kreisler), (b) "Love's Joy" (Kreisler) (H.M.V. Record B985).  
 6.43: Tacet.  
 6.45: Baritone solo—Fraser Gange, "Slumber On, My Little Gipsy Sweet-heart" (Herbert) (Columbia Record 02574).  
 Orchestral—Herman Finck's Orchestra, "Schubertiana" (Arrgd. Finck) (Columbia Record 02721).  
 6.57: Tacet.  
 7.0: News session, market reports and sports results.  
 7.40: Lecturette—Mr. H. C. South, "Books—Grave and Gay."  
 8.0: Chimes of the G.P.O. clock.  
 8.1: Overture—Orchestra, "Poet and Peasant" (Suppe).  
 8.11: Soprano solo—Miss Anne Davies, "Roses For The King" (Harry).  
 8.15: Baritone solos—Mr. John Prouse, (a) "Son Of The Ocean Isle" (Stanley), (b) "My Love's An Arbutis" (Villiers Stanford).  
 8.21: Suite—Orchestra, "Dance of the Hours" (Ponchielli).  
 8.31: Contralto solos—Miss Nora Greene, (a) "There's a Land" (Allitsen), (b) "There Is Only One England" (Breville Smith).  
 8.40: Recital—Mr. Cedric Gardiner, "The Day of Kings" (Owens).  
 8.45: Baritone and male quartet—Jno. Goss and Cathedral Male Quartet, (a) "Lowlands"; (b) "Highland Laddie" (Arrgd. Harris), (H.M.V. Record B2698).  
 8.56: Tenor solo—Mr. Charles Edwards, "Homeland" (Drummond).  
 9.0: Instrumental—Orchestra, Repeat Number.  
 9.8: Weather report.  
 9.10: Relay of organ recital by Mr. H. Temple White:  
 Trombone solo with organ accompaniment. (Soloist, Mr. Harold Oakes)—"Let Me Like a Soldier Fall" (Wallace).  
 Organ solo—"Salut D'Amour" (Elgar).  
 Contralto solo with organ accompaniment. (Soloist, Miss Nora Greene)—"Land of Hope and Glory" (Elgar).  
 9.25: Recital—Mr. Cedric Gardiner, "England To The Sea" (Vernede).  
 9.33: Instrumental—Orchestra, "Faust Ballet Music" (Gounod).  
 9.41: Soprano solos—Miss Anne Davies, (a) "Who'll Buy My Lavender" (German), (b) "A Song of Thanksgiving" (Allitsen).  
 9.46: Baritone solos—Mr. John Prouse, (a) "Hearts of Oak" (Boyce), (b) "Blow, Blow, Thou Winter Wind" (Sargeant).  
 9.52: Tenor solo—Mr. Chas. Edwards, "Glorious Devon" (German).  
 9.56: Instrumental—Orchestra, (a) Waltz, "Dornroschln" (Tchaikowsky), (b) March, "London Scottish" (Haines).  
 10.7: Close down.

### 3YA, CHRISTCHURCH (306 METRES)—MONDAY, JUNE 3.

- 11.30 a.m.: Results of Canterbury Trotting Club's meeting at Addington.  
 6.0: Children's session conducted by "Scatterjoy."  
 7.0: News session.  
 7.30: Talk—Mr. N. M. Bell—"Esperanto."  
 8.0: Chimes.  
 Studio programme by the Christchurch Municipal Band, under the conductorship of Mr. E. McDowell, and assisting artists.  
 8.1: March—Band, "Challenge" (Calvert).  
 8.6: Contralto solo—Mrs. D. W. Stallard, "The Old Country" (Pinsuti).  
 8.10: Baritone solo—Mr. Bernard Rennell, "The Yeomen of England" (German).  
 8.14: Instrumental—Christchurch Broadcasting Trio, (a) "Berceuse" (Godard), (b) "Tempo Di Minuetto" (Godard).  
 8.24: Recital—Mr. Richard R. Wills, "Britons Beyond the Seas" (Harold Begbie).  
 8.29: Euphonium solo with band accompaniment, "Land of Hope and Glory" (Elgar).

# Week-all Stations-to June 9

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- 8.35: Contralto solo—Mrs. D. W. Stallard, "Happy Song" (del Riego).  
 8.39: Instrumental—Christchurch Broadcasting Trio, "O Star of Eve" (Wagner).  
 8.44: Baritone solo—Mr. Bernard Rennell, "The Veteran's Song" (Adams).  
 8.48: Recital—Mr. Richard R. Wills, "The Frontier Line" (Conan Doyle).  
 8.53: Fantasia—Band, "Gems of England" (Rimmer).  
 8.58: Weather report.  
 9.1: Relay description of Boxing Tourney from the Choral Hall—(under the auspices of the Christchurch Amateur Boxing and Sports Club).  
 Close down.

## 4YA, DUNEDIN (463 METRES)—MONDAY, JUNE 3

- 3.0 p.m.: Town Hall chimes.  
 3.1: Selected gramophone items.  
 4.25: Sports results to hand.  
 4.30: Close down.  
 6.0: Children's session, conducted by Uncle Allan.  
 7.0: News session.  
 8.0: Town Hall chimes.  
 8.1: Overture—Grand Symphony Orchestra, "Light Cavalry" (Suppe) (Parlophone record A4001).  
 8.9: Soprano solos—Miss Roma Buss, "I Love the Moon" (Rubens); (b) "One Morning Very Early" (Sanderson).  
 8.16: Instrumental—4YA Broadcasting Trio, "Berceuse" from "Jocelyn" (Godard).  
 8.21: Scottish songs—Mr. J. A. Paterson: (a) "Centenarian" (Fyffe); (b) "Bella, The Belle of Dunoon" (Lauder).  
 8.28: Pianoforte solo—Mrs. Ernest Drake, selected.  
 8.33: Sketch—Miss Sheila Neilson and Mr. J. B. McConnell.  
 8.43: Baritone solo—Mr. F. M. Tuohy, "The Harvester's Night Song" (Sanderson).  
 8.47: Wurlitzer organ solos: (a) Reginald Foort, "Worryin'" (Fairman); (b) Jesse Crawford, "Me and the Man in the Moon" (Leslie) (H.M.V. record EA491).  
 8.53: Soprano solo—Miss Roma Buss, "Wait" (d'Hardelet).  
 8.57: Cello solo—Mr. P. J. Palmer, "Siciliana" (Mascagni).  
 9.3: Weather report.  
 9.5: Vocal duet—Messrs. Dalley and Tuohy, "Larboard Watch."  
 9.9: Instrumental—4YA Broadcasting Trio: "Serenade" from "Les Millions d'Arlequin" (Drigo).  
 9.15: Scottish comedian—Mr. J. A. Paterson, "Sergeant Major Jock McPhee" (McFarlane).  
 9.20: Tenor solos—Mr. L. E. Dalley: (a) "Songs My Mother Taught Me" (Dvorak); (b) "I Know of Two Bright Eyes" (Clutsam).  
 9.27: Violin solo—Miss Eva Judd, selected.  
 9.31: Sketch—Miss Sheila Neilson and Mr. J. B. McConnell.  
 9.46: Solo and chorus—Zonophone Light Opera Company, vocal gems from "The Mikado" (Sullivan) (Zonophone record A323).  
 9.54: Baritone solo—Mr. F. M. Tuohy, "Top Sail Halyards" (Harry).  
 10.0: "His Master's Voice Dance Programme:  
 Overture—Philadelphia Symphony Orchestra, "Rakoczy March" (Berlioz) (H.M.V. record ED7).  
 Foxtrot with vocal chorus—Paul Whiteman's Orchestra, "In My Bouquet of Memories" (Lewis) (H.M.V. record EA362).  
 Foxtrot with vocal refrain—The Troubadours, "When Love Comes Stealing" (Rapee) (H.M.V. record EA410).  
 10.14: Baritone solo—Lawrence Tibbett, "Drink to Me Only" (Calcott) (H.M.V. record DA886).  
 Waltz with vocal refrain—The Troubadours, "A Kiss Before Dawn" (Perkins) (H.M.V. record EA410).  
 Foxtrot with vocal chorus—Paul Whiteman's Orchestra, "My Angel" (Pollack) (H.M.V. record RS362).  
 Foxtrot—Nat Shilkret's Orchestra, "Get Out and Get Under the Moon" (Tobias) (H.M.V. record EA368).  
 10.27: Orchestral—Philadelphia Symphony Orchestra, "Samson and Delilah" (Saint-Saens) (H.M.V. record ED7).  
 Male voices—The Revellers, "Mammy is Gone" (de Sylva) (H.M.V. record EA384).  
 Pianoforte solo—Pauline Alpert, "The Doll Dance" (Brown) (Zonophone record EE98).  
 Waltz—Bert Firman's Orchestra, "I'm Away from the World" (Clare) (Zonophone record 5099).  
 Dance orchestra—Salon Orchestra, "My Blue Heaven" (Whiting) (H.M.V. record EB18).  
 10.40: Organ solo—Edwin Lemare, "Aloha-oe" (Lāluikolani) (Zonophone record EE93).  
 Male voices—The Revellers, "Dream River" (Brown) (H.M.V. record EA384).  
 Foxtrot—Bert Firman's Orchestra, "When I Ring Your Front Door Bell" (Lyn) (Zonophone record 5099).

- Dance orchestra—New Light Symphony Orchestra, "Just a Memory" (de Sylva) (H.M.V. record EB18).  
 10.53: Comedian—Sir Harry Lauder, "Just Got off the Chain" (Lauder) (H.M.V. record D1434).  
 Waltz—Geo. Olsen's Music, "King for a Day" (Lewis) (H.M.V. record EA429).  
 Foxtrot with vocal chorus—Paul Whiteman's Orchestra, "Mississippi Mud" (Barria) (H.M.V. record EA429).  
 11.0: Close down.

## Tuesday, June 4

### 1YA, AUCKLAND (333 METRES)—TUESDAY, JUNE 4.

- 3 p.m.: Afternoon session—selected studio items.  
 4.0: Literary selection by the Announcer.  
 4.8: Studio items.  
 4.25: Sports results to hand.  
 4.30: Close down.  
 6.0: Children's session, conducted by Uncle George.  
 7.0: News session.  
 7.40: Talk—Mr. Geo. Campbell, "Motoring."  
 8.0: Chimes.  
 8.1: Relay of overture from Majestic Theatre.  
 8.11: Soprano solo—Madame G. Anderton, "Eternity" (Mascheroni).  
 8.15: Instrumental—Studio Trio, "Eugene Onegin—Waltz" (Tschalkowsky).  
 8.25: Comedy sketch—Mrs. Culford Bell and Mr. Dan. Flood, "On a Motor-bus."  
 8.40: Grand organ solo—Arthur Meale, "The Pilgrim's Song of Hope" (Bastiste) (H.M.V. Record C1277).  
 8.44: Contralto solo—Miss Madge Calue, "Shepherd's Cradle Song" (Somervell).  
 8.48: Relay of orchestral entr'acte from Majestic Theatre.  
 8.58: Baritone solo—Mr. Ernest Snell, "Salterella" ("La Mascotte") (Anderton).  
 9.2: Weather report.  
 9.5: Orchestral—New Light Symphony Orchestra, "Peer Gynt Suite, No. 2" (Grieg); (a) Ingrid's Lament; (b) Arabian Dance (H.M.V. Record C1571).  
 9.13: Soprano solos—Madame G. Anderton, (a) "The Garden I Love" (Nutting); (b) "Nothin' but Love" (Bond).  
 9.19: Pianoforte solo—Mr. Eric Waters, "Kitten on the Keys" (Coufrey).

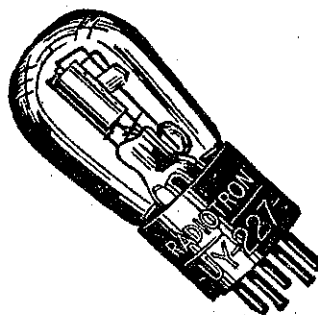
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- 9.24: Recital—Mrs. Culford Bell, "Echo and the Ferry" (Jean Ingelow).  
 9.29: Orchestral—New Light Symphony Orchestra, "Peer Gynt Suite, No. 2" (Grieg); (a) Return of Peer Gynt; (b) Solvig's Song (H.M.V. Record C1572).  
 9.37: Contralto solos—Miss M. Clague, (a) "Chansonette" (Lacy); (b) "Obstination" (De Fontenailles).  
 9.44: Instrumental—Studio Trio, "Aida" Selection (Verdi).  
 9.54: Baritone solos—Mr. E. Snell, (a) "Come, Open Wide Your Window" (Mozart); (b) "Passing By" (Purcell).  
 10.0: Solo and chorus—Zonophone Light Opera Company, vocal gems from "Ruddigore" (Sullivan) (Zonophone Record A342).  
 10.4: Close down.

## 2YA, WELLINGTON (420 METRES).—TUESDAY, JUNE 4.

- 3 p.m.: Chimes of the G.P.O. clock.  
 3.1: Selected gramophone items.  
 4.30 and 4.55: Sports results to hand.  
 5.0: Children's session, conducted by Uncle Jim.  
 6.0: Dinner session:  
 Orchestral—Royal Albert Hall Orchestra, "Carmen—Prelude to Act 1, and Prelude to Act 2" (Bizet) (H.M.V. Record E461).  
 Foxtrot—Louisiana Sugar Babies—"Persian Rug" (Kahn) (H.M.V. Record EA397).  
 Waltz—Hilo Hawaiian Orchestra, "Kawaihau Waltz" (Kealakai) (H.M.V. Record EA397).  
 6.14: Tacet.  
 6.15: Waltz—Chicago Symphony Orchestra, "Roses of the South" (Strauss) (H.M.V. Record D1452).  
 Waltzes—Jack Hylton's Orchestra, (a) "Spanish Rose" (Pearson); (b) "The Angelus was Ringing" (Damarell) (H.M.V. Record B5481).  
 6.26: Tacet.  
 6.30: Waltz—International Concert Orchestra, "Over the Waves" (Rosas) (Zonophone EF3).  
 Chorus—Light Opera Company, "Gems from 'Sunny'" (Kern) (H.M.V. Record C1293).  
 Instrumental trio—Kalli, Scott and O'Neil, "Me and My Shadow" (Rose) (Parlophone Record A2405).  
 6.42: Tacet.  
 6.45: Orchestral—International Concert Orchestra, "In a Chinese Temple Garden" (Ketelby) (H.M.V. Record EB4).  
 Orchestral—London Orchestra, "On With the Show" (Nicholls) (Zonophone Record 5187).  
 6.55: Tacet.  
 7.0: News session, market reports, and sports results.  
 7.40: Lecturette—Representative Agricultural Department, "For the Man on the Land."  
 8.0: Chimes of the G.P.O. clock.  
 8.1: Overture—Orchestra, "Morning, Noon and Night" (Suppe).  
 8.11: Tenor solos—Mr. E. W. Robbins, (a) "My World" (Geehl); (b) "If June Were Mine" (Hilton Turvey).  
 8.18: Entertainers—The Co-Optimists, in short turns and encores.  
 8.28: Instrumental—Orchestra, (a) "Serenade" from "Les Missions d'Arlequin" (Drigo); (b) "Pizzicato—Bluettes" (Lack).  
 8.38: Popular song—Miss Lily Charles, "Playthings" (MS).  
 8.42: Hawaiian—Queenie and David Kalli, "Fijian Farewell" (Merton) (Parlophone Record A2450).  
 Vocal solo—Sidney Burchall, "The Adorable Outcast" (Hayes) (Parlophone Record A2450).  
 8.48: Tenor solo—Mr. E. W. Robbins, "In God's Own Keeping" (Geehl).  
 8.52: Instrumental—Orchestra, repeat number.  
 9.2: Weather report.  
 9.4: Waltz—International Concert Orchestra, "Gold and Silver" (Lehar) (Zonophone Record EF22).  
 March—Philadelphia Symphony Orchestra, "Rakoczy March" (Berlioz) (H.M.V. Record ED7).  
 9.12: Entertainers—The Co-Optimists in short turns and encores.  
 9.19: Male chorus—"Over There" medley (H.M.V. Record EB33).  
 9.23: Popular songs—Miss Lily Charles, (a) "Sally of My Dreams" (Kernal); (b) "Roses of Yesterday" (Berlin).  
 9.30: Solo and chorus—Zonophone Light Opera Company, gems from (Patience) (Sullivan) (Zonophone A336).  
 9.38: "His Master's Voice" dance programme:  
 Foxtrot with vocal refrain—Aaronson's Commanders, "My Scandinavian Gal" (Tobias) (H.M.V. Record EA460).  
 Foxtrot with vocal refrain—Shilkret's Orchestra, "My Tonia" (de Sylva) (H.M.V. EA478).  
 Foxtrot with vocal refrain—Hamps' Kentucky Serenaders, "What D'Ya Say" (Brown) (H.M.V. Record EA460).  
 9.48: Tenor solo—Franklyn Baur, "Marie" (Berlin) (Zonophone EE135).  
 Waltz with vocal refrain—The Troubadours, "Live and Love" (Klages) (H.M.V. EA478).  
 Wurlitzer organ solo—Jesse Crawford, "Me and the Man in the Moon" (Leslie) (H.M.V. EA491).  
 Foxtrot with vocal refrain—Shilkret's Orchestra, "I Still Keep Dreaming of You" (Davis) (H.M.V. EA461).  
 10.1: Bass and chorus—Paul Robeson and chorus, "Plantation Songs" (H.M.V. C1585).  
 Hawaiian—Kolomoku's Honoluluans, "Aloha-oe" (Lilikoukalanii) (Zonophone EF23).

- 10.14: Tenor solo—Franklyn Baur, "Cross Roads" (Klages) (Zonophone EE135).  
 Wurlitzer organ solo—Reginald Foort, "Worryin'" (Fairman) (H.M.V. EA491).  
 10.19: Tenor solos—Walter Glynn, (a) "Jennesse" (Barry); (b) "I Love the Moon" (Rubens) (H.M.V. Record B2761).  
 Foxtrot—Rhythm Band, "There are Eyes" (Keyes) (H.M.V. EA469).  
 Foxtrot with vocal refrain—Rhythmic Eight, "Saskatchewan" (Gilbert) (Zonophone EE126).  
 Foxtrot with vocal refrain—New Mayfair Dance Orchestra, "Why Is the Bacon So Tough?" (Prentice) (H.M.V. EA469).  
 10.35: Male quartet—Masters Lough and Mallet, and Messrs. Dixon and Hastwell, "Drink to Me Only With Thine Eyes" (arrgd. Ball) (H.M.V. B2770).  
 Saxophone duet—Rudy Wiedoeft and Arnold Brilhart, "The Swallow" (Zonophone EE129).  
 Foxtrot with vocal refrain—Aaronson's Commanders, "I'll Get By As Long As I Have You" (Turk) (H.M.V. EA466).  
 Waltz with vocal refrain—The Troubadours, "Dolores" (Grossman) (H.M.V. EA447).  
 10.48: Accordion with banjo—O. Frosini, "Silver Moon" waltz (Frosini) (Zonophone EE129).  
 Foxtrot with vocal refrain—McEnelly's Orchestra, "Sleep, Baby, Sleep" (Tucker) (H.M.V. EA475).  
 Waltz with vocal refrain—Troubadours, "Love Dreams" (Harris) (H.M.V. EA475).  
 Foxtrot with vocal refrain—Geol Olson's Music, "Sonny Boy" (H.M.V. EA441).  
 11.0: Close down.

## 3YA, CHRISTCHURCH (306 METRES).—TUESDAY, JUNE 4.

SILENT DAY.

## 4YA, DUNEDIN (463 METRES).—TUESDAY, JUNE 4.

- 3.0 p.m.: Town Hall chimes.  
 3.1: Relay of orchestral music from the Ritz.  
 4.25: Sports results to hand.  
 4.30: Close down.  
 6.0: Town Hall chimes.  
 6.1: Children's session conducted by Big Brother Bill.  
 7.0: News session.  
 7.15: Lecturette—Professor Fisher, "Why Incomes Are Unequal" (under the auspices of the Workers' Educational Association).  
 8.0: Town Hall chimes.  
 Studio concert by the St. Kilda Band, under the conductorship of Mr. James Dixon, and assisting artists.  
 8.1: March—Band, "The Charmer" (McAllister).  
 8.5: Contralto solos—Miss Stasia McCready, (a) "Down Here" (Brahe), (b) "For The Green" (Lohr).  
 8.12: Bass with chorus—Paul Robeson, "Plantation Songs" (H.M.V. Record C1585).  
 8.16: Waltz—Band, "Grace and Beauty" (Pecorini).  
 8.22: Bass solos—Mr. E. G. Bond, "The Deathless Army" (Trotter), (b) "Rolling Down To Rio" (German).  
 8.29: Hawaiian Orchestra—Kolomoku's Honoluluans, "Three O'Clock in the Morning" (Robledo) (Zonophone EF23).  
 8.32: Contralto solo—Marion Anderson, "Deep River" (Negro Spiritual) (H.M.V. Record B2828).  
 8.35: Intermezzo—Band, "Minolo" (Brown).  
 8.43: Recitals—Mr. Carl Moller, (a) "Isaacstein Goes To The Races" (Hayman), (b) "The Private of the Buffs" (Doyle).  
 8.53: Selection—Band, "The Smithy in the Woods" (Michaelis).  
 9.3: Weather report.  
 9.5: Dance orchestra—(a) New Mayfair Orchestra, "This Year of Grace" (Coward), (b) Waring's Orchestra, "Ah! Sweet Mystery of Life" (Herbert) (H.M.V. Record EB37).  
 9.13: Bass solo—Mr. E. G. Bond, "Father O'Flynn" (C. Villiers Stanford).  
 9.17: Male trio—Melody Three, (a) "Pals, Just Pals" (Dreyer), (b) "Remember Me To Mary" (Green) (Zonophone EE133).  
 9.23: Euphonium solo—"Eclipse" (Allen).  
 9.31: Contralto solo—Miss Stasia McCready, "We'd Better Bide a Wee" (Claribel).  
 9.35: Hawaiian—Honolulu Serenaders, "Honolulu Stomp" (Pilipo), (Zonophone Record EE92).  
 9.38: Foxtrots—Band, (a) "That's Her Now" (Ager), (b) "You're a Real Sweetheart" (Friend).  
 9.47: Recital—Mr. Carl Moller, "My Wireless Set."  
 9.56: Bass with chorus—Paul Robeson, "Plantation Songs" (H.M.V. Record C1585).  
 Tenor solo—John McCormack, "Bird Songs at Eventide" (Coates) (H.M.V. Record DA978).  
 10.3: March—Band, "Love And Honour" (Ord Hume).  
 10.7: Close down.

## Wednesday, June 5

## 1YA, AUCKLAND (333 METRES).—WEDNESDAY, JUNE 5.

- 11.0 a.m.: Results of Auckland Racing Club's Winter meeting, interspersed with selected gramophone items.  
 12.30 p.m.: Relay of Community Singing from Town Hall.





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- 1.30: Resumption of racing results.  
 4.30: Close down.  
 6.0: Children's session, conducted by Uncle Tom.  
 7.0: News session.  
 7.40: Talk—Mr. Norman Kerr, "Physical Culture."  
 8.0: Chimes.  
 8.1: Overture—H.M. Coldstream Guards, "1812" Overture (Tchaikowsky) (H.M.V. record C1369).  
 8.9: Sketch—Auckland University Literary Society, "The Stepmother" (Bennett).  
 8.29: Vocal, piano and violin—Miss Edna Langmuir (soprano and pianiste) and Miss Daphne Higham (violiniste): (a) "Hindoo Song" (Bemberg); (b) "Czardas" (Monti).  
 8.41: Recital—Mr. A. McSkimming, "Wolsey on His Fall" (Shakespeare).  
 8.47: Contralto solo—Marie Oleczewska, "Softly Awakes My Heart" (Samson et Delila) (Saint-Saens) (H.M.V. Record D1465).  
 8.51: Cornet duet—Messrs. R. Davies and Salthouse "Polka de Concert—Die Waldvogeln" (Sebastian Mayr).  
 8.58: Weather report.  
 9.1: Band—H.M. Coldstream Guards, "La Source Ballet" (Arrgd. Winterbottom (H.M.V. record B2798): (1) "Danse des Echarpes"; (2) "Scene d'amour"; (3) "Variation"; (4) "Danse Carcassienne."  
 9.9: Sketch—Auckland University Students' Literary Society, "The Grand Chem's Diamond" (Wodehouse).  
 9.29: Vocal, piano and violin—Miss E. Langmuir and Miss Daphne Higham: (a) "Danse Bizarre" (Fontaine); (b) "Songs My Mother Taught Me" (Dvorak).  
 9.41: Recitals—Mr. A. McSkimming; (a) "Open Spaces" (Arpthorp); (b) Humour.  
 9.48: Contralto solo—Marion Anderson, "Deep River" (Negro Spiritual) (Burleigh) (H.M.V. record B2828).  
 Bass-baritone solo—Peter Dawson, "Song of the Flea" (Moussorgsky) (H.M.V. record C1579).  
 9.55: Cornet duet—Messrs. R. Davies and Salthouse: (a) Tone Poem, "My Song of Songs" (Smith); (b) "Alice, Where Art Thou?" (Acher).  
 10.2: Close down.

## 2YA, WELLINGTON (420 METRES)—WEDNESDAY, JUNE 5.

- 2.45: Relay from Athletic Park of Test Match—Australian 'Varsities v. New Zealand 'Varsities.  
 4.30: Close down.

## 3YA, CHRISTCHURCH (306 METRES)—WEDNESDAY, JUNE 5.

- 3.0 p.m.: Afternoon session—Selected studio items.  
 4.25: Sports results to hand.  
 4.30: Close down.  
 6.0: Children's session, conducted by Mother Hubbard and Uncle Frank.  
 7.0: News session.  
 7.15: Talk—Mr. G. E. Jeffreys, "Poultry Shows—their Value to the Breeder and Producer."  
 7.30: Addington stock market reports.  
 8.0: Chimes.  
 8.1: Relay from Municipal Concert Hall of the grand cantata "Caractacus" (Elgar), presented by the Royal Christchurch Musical Society under the conductorship of Mr. W. H. Dixon, L.R.A.M., A.R.C.M.  
 Soloists:  
 Soprano ..... Mrs. C. Tait (Timaru)  
 Tenor ..... Mr. Hubert Carter (Wanganui)  
 Baritone ..... Mr. Wm. Gemmell (Auckland)  
 Bass ..... Mr. T. D. Williams (Christchurch)  
 (Accompanied by full orchestra under the leadership of Mrs. Roy Twyneham).  
 Close down.

## 4YA, DUNEDIN (463 METRES)—WEDNESDAY, JUNE 5.

- 3.0 p.m.: Town Hall chimes.  
 3.1: Selected gramophone items.  
 4.25: Sports results to hand.  
 4.30: Close down.  
 6.0: Children's session, conducted by Aunt Anita.  
 7.0: News session.  
 8.0: Town Hall chimes.  
 8.1: Relay of organ music from the Empire Theatre (rendered on the Christie organ by Mr. Leslie Harvey).  
 8.11: Baritone solos—Mr. Arthur W. Alloo, (a) "Nelson's Gone A'Sailing" (Loehr), (b) "The Diver" (McMillan).  
 8.18: Instrumental—Kaikorai Brass Quintet, "Murmuring Breezes" (Fletcher).  
 8.23: Sketch—Miss Anita Winkel and Major F. H. Lampen.  
 8.33: Flugel horn solo—Mr. G. Lowry, "Elizabeth's Prayer."  
 8.37: Relay from Ritz of novelty entr'acte by Orchestra.  
 8.47: Tenor horn solo—Mr. M. D. Scott, "Corano" (MS).  
 8.51: Vocal duet—Winnie Melville and Derek Oldham, "The Chocolate Soldier" (Strauss) (H.M.V. Record C1502).  
 8.55: Baritone solo—Mr. Arthur Alloo, "Angels Guard Thee" (Godard).  
 8.59: Weather report.  
 9.1: Instrumental—Kaikorai Brass Quintet, "In Remembrance" (Fletcher).  
 9.6: Sketch—Miss Anita Winkel and Major F. H. Lampen.  
 9.16: Relay of novelty entr'acte by the Ritz orchestra.  
 9.20: Instrumental—Baritone solo. Mr. W. J. Nelson, "God Save Ireland."

- 9.30: "Columbia" dance programme:  
 March medley—Band of H.M. Grenadier Guards, "Martial Moments" (Arrgd. Winter) (Columbia 9065).  
 Foxtrot with vocal chorus—Park Central Hotel Orchestra, "Golden Gate" (Jolson) (Columbia 01350).  
 Foxtrot with vocal chorus—Ambassador's Band, "Forty-Seven Ginger-Headed Sailors" (Sarony) (Columbia 01338).  
 Vocal duet—Layton and Johnstone, "Just Like a Melody Out Of The Sky" (Donaldson) (Columbia 01339).  
 9.43: Tenor solo—Seamus O'Doherty, "The Pride of Tipperary" (Lockhead) (Regal Record G20343).  
 Selection—H.M. Grenadier Guards Band, "In a Clock Store" (Orth) (Columbia Record 9029).  
 Foxtrot—Ambassador's Band, "I Just Roll Along Having My Ups and Downs" (Trent) (Columbia Record 01338).  
 Foxtrot with vocal chorus—Ipana Troubadours, "'S Wonderful" (Ger-shwin) (Columbia Record 01306).  
 Hawaiian—Guitar, Banjo and Ukulele Trio, "My Hawaii" (Lewis), (Columbia Record 3606).  
 10.0: Monologue—Milton Hayes, "Meanderings of Monty—Monty Attends a Board Meeting" (Hayes), (Columbia Record 01106).  
 Male quintet—Singing Symphonies, "My Ohio Home" (Kahn), (Columbia Record 01088).  
 Organ solos—G. T. Pattman, (a) "Polly" (Zamecnik), (b) "Janette" (Williams), (Columbia 01144).  
 Foxtrot—Debroy Somers' Band, "Without You, Sweetheart" (de Sylva) (Columbia Record 01249).  
 10.20: Tenor solo—Hubert Elsdell, "Parted" (Tosti) (Columbia 02598).  
 Humoresque—Australian Commonwealth Band, "Slidin' Thro' the Rye" (Hawkins) (Columbia 01235).  
 Male quartet—Shannon Male Quartet, "The Sidewalks of New York" (Lawlor) (Regal G20298).  
 Pianoforte solo—Gil Dech, "Hallelujah" (Youmans), (Columbia 01205).  
 Vocal novelty—Ukulele Ike, "Chiquita" (Wayne) (Columbia 01265).  
 Vocal duet—Jack Lumsdaine and Len Maurice, "That's My Mammy" (Perse) (Columbia 01191).  
 10.45: Orchestral—Columbia Symphony Orchestra, "March of the Toys" (Herbert) (Columbia 02651).  
 Foxtrot—La Nuovo Orchestra, "Di Napoli" (Italian Foxtrot), (Romani) (Columbia Record 3066).  
 Waltz—Eddie Thomas' Collegians, "Beautiful Ohio" (Earl), (Columbia Record 02651).  
 Waltz—Royal Serbian Tambouritzza Orchestra, "Kosovo Waltz" (Columbia Record 3066).  
 Male chorus—Sheffield Orpheus Choir, "There is a Tavern in the Town" (Tradl.) (Columbia Record 01175).  
 11.0: Close down.

## Thursday, June 6

### 1YA, AUCKLAND (333 METRES)—THURSDAY, JUNE 6.

- 3.0 p.m.: Afternoon session, selected studio items.  
 3.30: Talk—Miss Edith Sutherland, "Home Handicrafts."  
 3.45: Studio items.  
 4.0: Literary selection by the announcer.  
 4.8: Studio items.  
 4.25: Sports results to hand.  
 4.30: Close down.  
 6.0: Children's session, conducted by Peter Pan.  
 7.0: News session.  
 7.40: Talk—"New Zealand Manufactures—Biscuits."  
 8.0: Chimes.  
 8.1: Overture—Orchestra, "Le Blanche Dame" (Boieldieu).  
 8.11: Baritone solos—Mr. Len Kernot: (a) "The Hills of Donegal" (Sander-son); (b) "Fairings" (Easthope Martin).  
 8.18: Contralto solos—Miss Beryl Smith: (a) "Cradle Me Low" (Brahe); (b) "The Night Nursery" (Arundale).  
 8.25: Selection—Orchestra, "Chu Chin Chow" (Norton).  
 8.35: Baritone solo—Mr. L. Kernot, "I Did Not Know" (Trottere).  
 8.39: Contralto solo—Miss B. Smith, "Trees" (Rusbach).  
 8.43: Instrumental—Orchestra: (a) Violin solo with orchestral accompaniment, "Andante Symphony Espagnola" (Lalo); (b) Waltz, "Tout Paris" (Waldteufel).  
 8.53: Weather report.  
 8.56: Novelty—The Asquiths, "Thirty Minutes Drawingroom Entertainment."  
 9.26: Instrumental—Orchestra: (a) "In a Monastery Garden" (Ketelbey); (b) "Ball Scene" (waltz) (Nicolodi).  
 9.36: "His Master's Voice" dance programme:  
 Waltz—International Concert Orchestra, "Blue Danube" (Strauss) (Zonophone record EF21).  
 Comedian—Clarkson Rose, "Hippopotamus" (Carlton) (Zonophone record 5145).  
 Foxtrot with vocal chorus—Shilkret's Orchestra, "Flower of Love" (Dreyer) (H.M.V. record EA431).  
 Foxtrot with vocal refrain—Shilkret's Orchestra, "Dancing Shadows" (Golden) (H.M.V. record EA367).  
 Waltz—Paul Whiteman's Orchestra, "Cheerle-Beerle-Bee" (Wayne) (H.M.V. record EA396).  
 9.52: Tenor solo—Franklyn Baur, "Just Across the Street from Heaven" (Newman) (Zonophone record BE107).

- Saxophone solo—Rudy Wiedoeft, "Rubenola" (Wiedoeft) (Zonophone record EE119).  
 Tango Argentino—International Novelty Orchestra "Y Como Le Va?" (Valverde) (H.M.V. record EA364).  
 Wurlitzer organ solo—Jesse Crawford, "The Dance of the Blue Danube" (Fisher) (H.M.V. record EA404).  
 10.4: Vocal duet—Maurice and Sidney, "Toy-Town Artillery" (Lynton) (Zonophone record 5161).  
 Dance orchestra—Shilkret's Rhythm Melodists, "Dolly Dimples" (Alter) (H.M.V. record EA336).  
 10.10: Baritone solo—John Brownlee, "Sirs, Your Toast" (Bizet) (H.M.V. record D1396).  
 Wurlitzer organ solo—Jesse Crawford, "I Can't Do Without You" (Berlin) (H.M.V. record EA404).  
 Waltz—Wurlitzer organ solo—Chas. W. Saxby, "Janette" (Nicholls) (Zonophone record 5094).  
 Yale Blues—Rio Grand Tango Band, "A Blue Serenade" (Lytell) (H.M.V. record B5355).  
 10.24: Tenor with cinema organ—Gerald Griffin, "My Irish Song of Songs" (Sullivan) (Zonophone record 2080).  
 Wurlitzer organ solo—Jesse Crawford, "King for a Day" (Lewis) (H.M.V. record EA425).  
 Foxtrot with vocal refrain—Nat Shilkret's Victor Orchestra, "Hallelujah" (Robin) (H.M.V. record EA253).  
 Foxtrot with vocal refrain—Waring's Pennsylvanians, "What Do You Say?" (Yellen) (H.M.V. record EA340).  
 10.37: Male quartet—De Reszke Singers, "My Lady Chlo-e" (Leighton) (H.M.V. record EA432).  
 Foxtrot—Nat Shilkret's Orchestra, "Rio Rita" (McCarthy) (H.M.V. record EA315).  
 Foxtrot—Zez Confrey, "Polly" (Zamecnik) (H.M.V. EA267).  
 Foxtrot—Nat Shilkret's Orchestra, "The Kinkajou" (McCarthy) (H.M.V. record EA315).  
 10.50: Male quartet—De Reszke Singers, "Absent" (Metcalfe) (H.M.V. record EA432).  
 Vocal duet—Dalhart and Robison, "Oh, Suzanna!" (Foster) (H.M.V. record EA309).  
 Hawaiian—Fera and Paaluh, "Hawaiian Waltz Medley" (Trdtl.) (H.M.V. record B2369).  
 Barn dance—Bert Firman's Dance Orchestra, "My Lady Dainty" (Hesse) (Zonophone record 5118).  
 Waltz—Troubadours, "The Swallow" (H.M.V. record EA349).  
 11.0: Close down.

## 2YA, WELLINGTON (420 METRES)—THURSDAY, JUNE 6.

- 3.0 p.m.: Chimes of the G.P.O. clock.  
 3.1: Special programme of "His Master's Voice" gramophone records and "Mastertouch" player rolls arranged by Messrs. Hamilton Nimmo and Sons, Ltd. All player rolls will be played on the "Gulbransen" registering piano by Mr. A. J. Nimmo.  
 4.30 and 4.55: Sports results to hand.  
 5.0: Children's session, conducted by Uncle Len.  
 6.0: Dinner Session:  
 Overture—H.M. Coldstream Guards Band, "Poet and Peasant" (Suppe) (H.M.V. record C1815).  
 Tenor solo—Lewis James, "Roses of Yesterday" (Berlin) (Zonophone record EE122).  
 6.13: Tacet.  
 6.15: Medley—H.M. Grenadier Guards Band, "Sir Harry Lauder Medley" (Lauder) (Columbia record 02750).  
 Male voices—The Revellers, "Dream River" (Brown) (H.M.V. record EA384).  
 Waltz—International Concert Orchestra, "Danube Waves" (Ivanovici) (Zonophone record EF3).  
 6.27: Tacet.  
 6.30: Selection—H.M. Grenadier Guards Band, "New Sullivan Selection" (arrgd. Godfrey) (Columbia record 02731).  
 Chorus—Light Opera Company, "Hit the Deck" Vocal Gems (Youmans) (H.M.V. record C1433).  
 6.43: Tacet.  
 6.45: Orchestral—Lajos Bela Orchestra, "Eldgaffeln" (Landon) (Parlophone record A4009).  
 Male chorus—"Over There" Medley (H.M.V. record EB33).  
 March—National Military Band, "Gladiator's Farewell" (Blankenburg) (Zonophone record 5102).  
 6.57: Tacet.  
 7.0: News session, market reports and sports results.  
 7.40: Lecturette—Miss M. S. Christmas, Voluntary Organiser Wellington Federation Women's Institutes, "Women's Institutes and Their Future."  
 8.0: Chimes of the G.P.O. clock.  
 Studio concert by the Wellington Artillery Band, under the conductorship of Capt. T. Herd, and assisting artists.  
 8.1: March—Band "Wein Bleibt Wien" (Schrammel).  
 Fantasia—Band, "Souvenir de Russe" (Rimmer).  
 8.13: Tenor solos—Mr. Chas. Williams: (a) "Serenade" (Brahms); (b) "Lullaby" (Brahms).  
 8.20: Vocal quartette—Lyric Quartet, "All Thro' the Night" (Trdtl.).  
 8.24: Selection—Band, "Largo in G" (Handel).  
 Cornet duet—"Sandy and Jock" (Sutton).  
 8.29: Humorous sketch—Mr. John Fortis and Miss Elsie Lloyd, "Cold Poison" (Whitaker).

- 8.37: Soprano solo—Mrs. Elvira Meban, "Serenade D'Autrefois" (Silvestri).  
 8.41: Xylophone duet—Byrne and Bennett, "The Two Imps" (Alford).  
 Xylophone solo—W. W. Bennett, "Dancer of Seville" (Grunow) (Columbia record 02745).  
 8.49: Bass solo—Mr. W. Binet Brown, "Vulcan's Song" ("Philemon and Baucis") (Gounod).  
 8.53: Vocal duet—Messrs. Williams and Goudie, "The Moon Hath Raised" (Benedict).  
 8.57: Characteristic selection—Band, "Cinderella's Bridal Procession" (Dicker).  
 9.1: Weather report.  
 9.3: Vocal quartette—Lyric Quartet, "Lucky Jim" (Parks).  
 9.7: Instrumental trio—Kreisler, Kreisler and Raucheisen, "Syncopation" (Kreisler) (H.M.V. record DA961).  
 Soprano solo—Lucrezia Bori, "Bird Waltz" (Varbey) (H.M.V. record DA981).  
 9.14: Nautical fantasia—Band, "A Sailor's Memories" (Hawkins):  
 (Synopsis: The scene is of a ship standing by prior to her departure, The departure of the ship leads into the song, "The Lass that Loves a Sailor." On board ship Jack thinks of "The Girl he's left behind him." Out in the open sea, "The White Squall" and "Larboard Watch! Ahoy!" act as a warning that a storm is developing, but Jack does not take the warning seriously and dances "The Sailor's Hornpipe." The storm gets worse, and Jack decides to take "The Pilot's Advice" and "Fear Not, but Trust in Providence." The calm following the storm is symbolised by the song, "Rocked in the Cradle of the Deep," followed in turn by "The Sea is England's Glory," "A Life on the Ocean Wave" and "Rule Britannia").  
 9.23: Humorous sketch—Mr. John Fortis and Miss Elsie Lloyd, "Collaborators" (McGeogh).  
 9.32: Baritone solos—Mr. Will Goudie: (a) "The Rebel"; (b) "Son of Mine" (Freebooters' Songs, by Wallace).  
 9.39: Serenade—Band, "Sweet Thoughts" (Beyer).  
 Waltz—Band, "Juliana" (Raymond).  
 9.49: Soprano solos—Mrs. Elvira Meban: (a) "Garden of Happiness" (Haydn Wood); (b) "La Rosita" (Dupont).  
 9.56: Vocal quartette—Lyric Quartet, "Calm is the Sea" (Pfeil).  
 10.0: Air and variations—Band, "Spanish Chant" (Round).  
 March—Band, "Aide-de-Camp" (Hume).  
 10.11: Close down.

## 3YA, CHRISTCHURCH (306 METRES)—THURSDAY, JUNE 6

- 3.0: Afternoon session, selected studio items.  
 4.25: Sports results to hand.  
 4.30: Close down.  
 6.0: Children's session, conducted by Uncle John.  
 7.0: News Session.  
 8.0: Chimes.  
 8.1: Overture—Columbia Symphony Orchestra, "Maritana" (Wallace) (Columbia record 02682).  
 8.9: Presentation of the song cycle, "Flora's Holiday" (Lane Wilson), with instrumental accompaniment by the Christchurch Broadcasting Trio:  
 Soprano ..... Madame Gower-Burns,  
 Contralto ..... Miss Dorothy Spiller,  
 Tenor ..... Mr. Ernest Rogers,  
 Baritone ..... Mr. James Filer.  
 Quartet—"Come All Ye Lads and Lassies,"  
 Soprano solo—"Love's Greeting,"  
 Tenor solo—"Tell Me, Charming Creature,"  
 Quartet—"The Country Dance,"  
 Contralto solo—"Maidens, Beware Ye,"  
 Baritone solo—"Sound Argument,"  
 Catch—"The Pedlar,"  
 Quartet—"The Commotion of Love."  
 8.32: Pianoforte solo—Miss Althea Slack, "Novelette" (Schumann).  
 8.36: Dramatic recital—Miss Maiona Juriss, "Llana Estacado" (Miller).  
 8.42: Orchestral—Opera Comique de Paris Orchestra, "Ballet Egyptien" (Luigini) (Parlophone record A2577).  
 8.50: Contralto solo—Miss Dorothy Spiller, "Invocation to the Nile" (Bantock).  
 8.54: Orchestral—Opera Comique de Paris, "Ballet Egyptien" (Luigini) (Parlophone record A2578).  
 9.2: Weather report.  
 9.7: Talk—Sir Francis Boys (President, Canterbury Amateur Aero Club)—"The Aero Club—Its Aims and Objects."  
 9.22: Pianoforte solos—Miss Althea Slack: (a) "Arabesque" (Debussy); (b) "Gardens in the Rain" (Debussy).  
 9.28: Tenor solo—Mr. E. Rogers, "Maire, My Girl" (Aitken).  
 9.32: Instrumental—Christchurch Broadcasting Trio: (a) "Scherzo" (Gade); (b) "Ave Maris Stella" (Grieg); (c) "One Spring Morning" (Lind).  
 9.39: Recital—Miss Maiona Juriss, "The Woman who Understands" (MS.).  
 9.44: Selection—Herman Finck's Orchestra, "Schubertiana" (Arrgd. Fincke) (Columbia record 02721).  
 9.52: Baritone solo—Mr. J. Filer, "Hybrius the Cretan" (Elliott).  
 9.57: Soprano and contralto duet—Madame G. Burns and Miss D. Spiller "Sunbeams" (Landon Ronald).  
 10.1: Orchestral—Herman Finck's Orchestra, "Schubertiana" (Arrgd. Finck) (Columbia record 02722).  
 10.9: Close down.

## DUNEDIN (463 METRES)—THURSDAY, JUNE 6.

SILENT DAY.

## Friday, June 7

## 1YA, AUCKLAND (333 METRES)—FRIDAY, JUNE 7.

3 p.m.: Afternoon session—Selected studio items.

4.0: Literary selection by the Announcer.

4.8: Studio items.

4.25: Sports results to hand.

4.30: Close down.

6.0: Children's session, conducted by Nod and Aunt Jean.

7.0: News session.

7.40: Talk—Mr. R. Howard Taylor, "The Care of the Feet."

8.0: Chimes.

Programme featuring Russian Music by the Studio Trio and Madame Mary Towsey's Quartet.

8.1: Piano and orchestra—Arthur de Greef and Royal Albert Hall Orchestra, "Hungarian Fantasia" (Liszt) (H.M.V. Records D1306/7).

8.17: Vocal quartet—Madame Mary Towsey's Quartet, "Volga Boat Song" (traditional).

8.21: Soprano solos—Miss Mary Carlton, (a) "Cradle Song"; (b) "Over the Steppe" (Gretchaninoff).

8.28: Instrumental—Studio Trio, "Trio in D Minor—1st Movement" (Arensky).

8.36: Baritone solo—Mr. John Bree, "Don Juan's Serenade" (Tschaikowsky).

8.39: One-act play—Auckland Comedy Players and Mr. J. F. Montague, "Afternoon."

9.9: Weather report.

9.12: Pianoforte solo—Mr. Cyril Towsey, "Melodie in E Major" (Rachmaninoff).

9.17: Soprano solo—Mrs. Percy Thode, "Song of India" (Rimsky-Korsakov).

9.21: Violin solo—Miss Ina Bosworth, "Melodie" (Tschaikowsky).

9.26: Tenor solo—Mr. J. McDougall, "A Serenade" (Tschaikowsky).

9.30: Contralto solos—Miss Edna Peace, (a) "Nay, Though My Heart Should Break"; (b) "Only For Thee" (Tschaikowsky).

9.36: Orchestral—Philadelphia Symphony Orchestra, "Dance of the Fire Bird" (Stravinsky) (H.M.V. Record D1427).

9.40: Soprano solo—Miss Nancy O'Connor, "My Garden" (Tschaikowsky).

9.44: Sketch—Auckland Comedy Players, "The Weaker Sex."

9.54: Baritone solo—Mr. John Bree, "To the Forest" (Tschaikowsky).

9.58: Instrumental—Studio Trio, "Russian Sketches" (Bantock).

10.6: Soprano solos—Madame Mary Towsey, (a) "The Soldier's Bride" (Rachmaninoff); (b) "But Lately in Dance" (Arensky).

10.13: Waltz—International Concert Orchestra, "Gold and Silver Waltz" (Lehar) (Zonophone Record EF22).

10.17: Close down.

## 2YA, WELLINGTON (420 METRES)—FRIDAY, JUNE 7.

3 p.m.: Chimes of the G.P.O. clock.

3.1: Selected gramophone items.

3.40: Relay from Messrs. Kirkcaldie and Stains' Tearooms of music by the Trio.

4.0: studio items.

4.30 and 4.55: Sports results.

5.0: Children's session, conducted by Big Brother Jack.

6.0: Dinner session:

Orchestral—Royal Opera Orchestra, "Hungarian Dance No. 5 in F Sharp Minor" (Brahms) (H.M.V. Record C1415).

Orchestral—Berlin State Opera Orchestra, "Valse des Fleurs" (Tschaikowsky) (Parlophone Record E10519).

Violin solo—Yehudi Menuhin, "Allegro" (Flocco) (H.M.V. Record DA1003).

6.12: Tacet.

6.15: Selection—National Symphony Orchestra, "Bohemian Girl" (Balfe) (Zonophone Record A340).

Chorus—Zonophone Light Opera Company, Vocal Gems from "The Mikado" (Sullivan) (Zonophone Record A323).

6.27: Tacet.

6.30: Waltz—Dajos Bela Orchestra, "Faust Waltz" (Gounod) (Parlophone Record A4010).

Wurlitzer organ solos—Jesse Crawford, (a) "Schon Rosmarin" (Kreisler); (b) "A Brown Bird Singing" (Haydn-Wood) (H.M.V. Record B2664).

6.43: Tacet.

6.45: Selection—Piccadilly Orchestra, "The Waltz Dream" (Strauss) (H.M.V. record B2684).

Nightingales and church bells—"A Summer Night Idyll" (H.M.V. record B2683).

6.58: Tacet.

7.0: News session, market reports and sports results.

7.40: Lecturette—Mr. D. McKenzie, "The Laws of Rugby."

8.0: Chimes of the G.P.O. clock.

8.1: Overture—New Queen's Hall Orchestra, "William Tell" Overture (Rossini): 1. The Dawn. 2. The Storm. 3. The Calm. 4. Finale (Columbia Records 01375/6).

8.13: Soprano solo—Miss Jeanette Briggs, L.A.B., "O Luce di Quest' Anima" ("Linda di Chamounix") (Donizetti).

8.17: Bass solo—Mr. J. M. Caldwell, "The Sentry Song" ("Iolanthe") (Sullivan).

8.21: Piano and orchestra—Arthur de Greef and Royal Albert Hall Orchestra, "Hungarian Fantasia" (Liszt) (H.M.V. Records D1306/7).

8.25: Mr. Peter Dorrian, "The Three Kings" (Longfellow).

8.42: Vocal duet—Misses Jeanette Briggs and Ngaire Coster, "Hear Me, Norma" ("Norma") (Bellini).

8.46: Tenor solo—Mr. E. W. Robbins, "On With the Motley," from "I Pagliacci" (Leoncavallo).

8.50: Mezzo-contralto solo—Miss Ngaire Coster, "Softly Awakes My Heart" ("Samson et Delila") (Saint-Saens).

8.54: Violin solos—Tosy Spiwakowsky, "Sonata XI" and "Sonata XII" (Paganini) (Parlophone Record E10562).

9.2: Weather report.

9.4: Mr. Peter Dorrian, "The Curate Explains" (Anon).

9.8: Bass solo—Mr. J. M. Caldwell, "The Cobbler's Song" ("Chu Chin Chow") (Norton).

9.14: Orchestral—(a) Chicago Symphony Orchestra, "Valse Triste" (Sibelius); (b) San Francisco Symphony Orchestra, "Funeral March of Marionette" (Gounod) (H.M.V. Record ED5).

9.22: Tenor solo—Mr. E. W. Robbins, "The Flower Song," from "Carmen" (Bizet).

9.26: Vocal quartet—Ariel Singers, "Brightly Dawns Our Wedding Day" ("The Mikado") (Sullivan).

9.30: Presentation of the grand opera, "Tristan and Isolde" (Wagner, Act 3 (H.M.V. Records D1413/5) First Instalment):

## Cast.

Isolda	Goeta Ljungberg
Tristan	Walter Widdop
Kurvenal	Howard Fry, Eduard Habich
King Mark	Ivar Andresen
Brageana	Genia Guszalewicz
Melot	E. Noe
Shepherd	Kennedy McKenna

(Synopsis: Of all Wagner's achievements, "Tristan and Isolde" is probably the greatest. It is one of the most extraordinary works ever written, and even to the present time no work has been produced that can approach it, even although seventy years have elapsed since Wagner commenced to write it. The theme is Love—a terrible satisfied and insatiable love that must wreck all obstacles in its path, even if those obstacles constitute the lovers themselves.

Tristan, a Cornish Knight of royal birth, has fought successfully in Ireland on behalf of his uncle, King Mark of Cornwall. He brings Isolde, an Irish princess, as an unwilling bride for the king, but discovers that he himself loves Isolde. They hide their love, and her marriage with the king is carried out. But the lovers cannot be denied. During one of their secret meetings the king surprises them, and one of his followers stabs Tristan, who will not defend himself.

The great Third Act, half of which will be presented this evening, comes as a fitting climax to the opera. Nowhere than in this act did Wagner achieve a more vivid expression of deep human emotions. As the act unfolds, the full explanatory story will be told.)

10.0: Close down.

## 3YA, CHRISTCHURCH (306 METRES)—FRIDAY, JUNE 7.

3.0: Afternoon session—selected studio items.

4.25: Sports results to hand.

4.30: Close down.

6.0: Children's session conducted by "Storyman."

7.0: News session.

8.0: Miscellaneous programme by Commercial Travellers' Association Concert Party.

8.1: Overture—Bournemouth Municipal Orchestra, "Pique Dame" (Suppe) (Columbia Record 02730).

8.9: Part song—Commercial Travellers' Male Choir under the conductorship of Mr. Alfred Worsley, "Sailor's Song" (Parry).

8.14: Soprano solos—Miss Merle Parry, (a) "Happy Song" (Del Riego), (b) "The Cuckoo" (Lehmann).

8.21: Recital—Mr. A. E. Romerill, "The Gardener's Story" (MS).

8.27: Bass solo—Mr. H. Taylor, "The Tune of the Open Country" (Easthope Martin).

8.31: Mandolin Band—"Semiramide" overture (Rossini) (Columbia Record 02667).

8.39: Part song—Commercial Travellers' Male Choir—"Minnesingers" (Leslie).

8.44: Baritone solo—Mr. W. Toomey, "The Diver" (Long).

8.48: Violin solo—Mr. Robert L. Clarke, "Romance" (Simonetti).

8.53: Contralto solo—Miss Maggie Richardson, "The Boatman of the Forth" (Gray).

8.57: Sea-song—Mr. W. Drake, "The Stoker" (Arundale).

9.1: Weather report.

9.6: Orchestral—Dajos Bela Orchestra, "Electric Girl" (Helmburgh) (Parlophone Record A4009).

- 9.19: Part-song—Commercial Travellers' Male Choir, "In a Gondola" (Linders).
- 9.15: Baritone solos—Mr. K. W. Connor, (a) "Fairings" (Easthope Martin), (b) "Dune" (McGill).
- 9.22: Soprano solo—Miss Merle Parry, "Pale Moon" (Knight Logan).
- 9.26: Banjo solo—Len Fillis, "Banjoviality" (Fillis and Bright), (Columbia Record 0990).
- 9.29: Recital—Mr. A. E. Romerill, "The Twelve Stone Limit" (MS).
- 9.34: Tenor solo—Mr. G. W. Parry, "For You Alone" (Geehl).
- 9.38: Xylophone solo—W. W. Bennett, "Danger of Seville" (Grunow) (Columbia Record 02745).
- 9.42: Part-song—Choir, "To Arms" (Maunder).
- 9.46: Contralto solos—Miss Maggie Richardson, (a) "My Laddie" (Thayer, arrgd. Lawson), (b) "Turn Ye To Me" (Wilson).
- 9.53: Violin solo—Mr. Robt. L. Clarke, "Canzonetta" (Kreisler).
- 9.58: Baritone solo—Mr. W. Toomey, "Indian Serenade" (Shelley).
- 10.2: Part-song, Choir, "The Camel and the Butterfly" (Hirton).
- "His Master's Voice" Dance Programme:
- Medley waltz—Troubadours, "Popular Songs of Yesterday" (H.M.V. EB33).
- Foxtrot with vocal refrain—Nat Shilkret's Orchestra, "Dusky Steve-dore" (Razaf) (H.M.V. EA452).
- Foxtrot with vocal refrain—Shilkret's Orchestra, "Just a Sweetheart" (Shilkret) (H.M.V. Record EA464).
- Foxtrot—Shilkret's Orchestra, "When Sweet Susie Goes Steppin' By" (Kaufman) (H.M.V. Record EA452).
- 10.13: Tenor solo—Lewis James, "Roses of Yesterday" (Berlin) (Zonophone EE122).
- Hawaiian—Hilo Hawaiian Orchestra, "Honolulu Sweetheart of Mine" (Davis) (H.M.V. Record EA415).
- Waltz with vocal refrain—The Troubadours, "Was It Love?" (Caesar) (H.M.V. Record EA464).
- Foxtrot with vocal refrain—Goldkettes' Orchestra, "That's What Put The 'Sweet' in Home Sweet Home" (Lowry) (H.M.V. Record EA487).
- 10.25: Tenor solo—Barrington Hooper, "For You Alone" (Geehl), (Zonophone Record 5204).
- Foxtrot with vocal refrain—Goldkettes' Orchestra, "Sweethearts on Parade" (Lombardo), (H.M.V. Record EA487).
- Waltz with vocal refrain—The Troubadours, "Another Kiss" (Schertzinger), (H.M.V. Record EA489).
- Foxtrot with vocal refrain—Jack Hylton's Orchestra, "In The Woodshed She Said She Would" (Johnson), (H.M.V. Record EA480).
- 10.38: Male trio—Melody Three, "Remember Me To Mary" (Green), (Zonophone Record EE133).
- Foxtrot with vocal refrain—Shilkret's Orchestra, "Jimmy Valentine" (Madden), (H.M.V. Record EA475).
- Selection—New Mayfair Orchestra, "This Year of Grace" (Coward) (H.M.V. Record EB37).
- 10.48: Bass with chorus—Paul Robeson, "Plantation Songs" (H.M.V. Record C1585).
- Foxtrot—Rhythm Band, "Teach Me To Dance Like Grandma" (Coward), (H.M.V. Record EA471).
- Foxtrot with vocal refrain—Shilkret's Orchestra, "Gotta Be Good" (Schertzinger) (H.M.V. Record EA489).
- Foxtrot—Rhythm Band, "A Room With a View" (Coward), (H.M.V. Record EA471).
- Foxtrot with vocal refrain—Jack Hylton's Orchestra, "In the Shadows" (Finck) (H.M.V. Record EA480).
- 11.0: Close down.

#### 4YA, DUNEDIN (463 METRES)—FRIDAY, JUNE 7.

- 3.0 p.m.: Town Hall chimes.
- 3.1: Selected gramophone items.
- 3.15: Lecturette—Miss Buccleuch of the D.S.A., Ltd., "Fashions."
- 3.30: Studio items.
- 4.0: Sports results to hand.
- 4.30: Close down.
- 6.0: Children's session, conducted by Big Brother Bill and Aunt Sheila.
- 8.0: Town Hall chimes.
- 8.1: Overture—Paul Whiteman's Concert Orchestra, "Suite of Serenades" (Herbert): 1 Spanish, 2 Chinese, 3 Cuban, 4 Oriental (H.M.V. record EB26).
- 8.9: Vocal quartette—4YA Harmonists, "A Nursery Rhyme."
- 8.13: Instrumental—4YA Broadcasting Trio, "Serenade" (Herbert).
- 8.18: Baritone solos—Mr. F. M. Tuohy: (a) "Rest Thee, Sad Heart" (del Riago); (b) "Sally Horner" (Trötl).
- 8.25: Recital—Miss Madge Yates, "To-night" (Shelley).
- 8.33: Mezzo-soprano solos, Miss Molly Andrews: (a) "A Summer Night" (Thomas); (b) "Cycle of Life" (Landon Ronald).
- 8.40: Pianoforte solo—Mrs. Ernest Drake, selected.
- 8.45: Orchestral—Philadelphia Symphony Orchestra: (a) "Khowantchina" (Moussorgsky); (This is the entr'acte from Act 4 of Moussorgsky's opera "Khowantchina". It is a foreboding of the tragic events of the act to follow.) (b) "Dance of the Fire Bird" (Stravinsky); (This is a particularly vivid piece of music picture-painting. It reminds one of the legend of the Phoenix rising from the ashes.) (H.M.V. record D1427).

- 8.53: Tenor solo—Mr. H. A. Johnston, "Lord Randall" (Scott).
- 8.57: Male quartette—Masters Lough and Mallett and Messrs. Dixon and Hastwell, "Drink to Me Only" (Arrgd. Ball) (H.M.V. record B2770).
- 9.0: Weather report.
- 9.2: Vocal quartette—4YA Harmonists, "A Nursery Rhyme."
- 9.6: Instrumental—4YA Broadcasting Trio, "Slavonic Dance No. 2" (Dvorak).
- 9.12: Bass-baritone solo—Peter Dawson, "The Old Superb" (C. Villiers Stanford).
- Orchestral—Marek Weber's Orchestra, "Vienna by Night" (Komzak) (H.M.V. record C1511).
- 9.23: Soprano solos—Miss Mae Matheson, (a) "Blackbird's Song" (Scott); (b) "Black Roses" (Sibelius).
- 9.30: Cello solo—Mr. P. J. Palmer, "Tarantella" (Squire).
- 9.35: Recital—Miss Madge Yates, "Orange Blossom" (Anon.)
- 9.42: Tenor solo—Mr. H. A. Johnston, "The Lotus Flower" (Schumann).
- 9.48: Violin solo—Miss Eva Judd, Rondino" (Beethoven-Kreisler).
- 9.50: Baritone solo—Mr. F. M. Tuohy, "Bedouin Love Song" (Pinsuti).
- 9.54: Orchestral—Symphony Orchestra, "Spanish Dance" (De Falla), (H.M.V. record D1453).
- 9.58: Mezzo-soprano solo, Miss Mollie Andrews, "Cuckoo Clock" (Schaeffer).
- 10.2: Close down.

## Saturday, June 8

### 1YA, AUCKLAND (333 METRES).—SATURDAY, JUNE 8.

- 2.45 p.m.: Relay description of Rugby football match from Eden Park.
- 4.30 (approx.): Close down.
- 6.0: Children's session, conducted by Cinderella.
- 7.0: News session.
- 8.0: Chimes.
- 8.1: Overture—Orchestra, (a) March, "Under Orders" (Glogan); (b) Waltz, "Valse Caprice" (Rubenstein).
- 8.11: Novelty—Bohemian Duo, "Pokare Kare" (MS); (b) "Matangi" (MS).
- 8.19: Baritone solos—Mr. Stan Pritchard, (a) "Son of Mine" (Wallace); (b) "Slow, Horses, Slow" (Mallinson).
- 8.26: Hawaiian—Ingalls Hawaiian Orchestra, (a) "Kawaikau Waltz" (MS); (b) "Honolulu Rag" (MS); (c) "Pua Hula" (trdl).
- 8.38: Humour—Mr. Dan Flood, Mirth.
- 8.44: Novelty—Orchestra and vocalists, "Ballad Memories" (Selection 1) (arrgd Baynes).
- 8.54: Soprano solos—Miss Alma McGruer (a) "Almond Blossom" (Arundale); (b) "Tears that Children Shed" (Arundale).
- 9.1: Weather report.
- 9.5: Talk by Mr. F. W. Platts, C.M.G., late Resident-Commissioner of Cook Islands.
- 9.14: Novelty—Bohemian Duo, (a) "Tahi Nei Taru Kino" (MS); (b) "Titi Torea" (MS).
- 9.22: Novelty—Orchestra, "Musical Switch" (Alford).
- 9.32: Baritone solo—Mr. S. Pritchard, selected.
- 9.36: Hawaiian—Ingalls Hawaiian Orchestra, (a) "Drowsy Waters" (MS); (b) "Lullaby Land" (Stasney); (c) "Palakeko Blues" (MS).
- 9.49: Humour—Mr. Dan Flood, More Mirth.

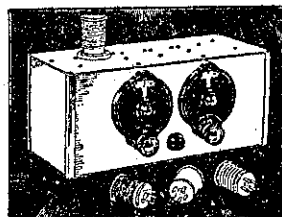
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- 9.55: Soprano solo—Miss A. McGruer, "Happy Song" (Del Riego).  
 9.59: Instrumental—Orchestra, "By the Blue Hawaiian Waters" (Ketelbey):  
 1. Hula Dance; 2. The Kanaka Lover Appears; 3. Song of the Hula Girl; 4. Dance of the Betrothal Ceremony.  
 10.6: Hawaiian instrumental numbers—Queenie and David Kaili, (a) "Hawaiian March" (Ellis); (b) "Hilo March" (Pale) (Parlophone Record A2372).  
 Vocal Hawaiian number—Queenie and David Kaili, "Ukulele Lullaby" (Williams) (Parlophone Record A2364).  
 Hawaiian orchestra—Kolomuku's Honoluluans, (a) "Aloha-oe" (Lilino-kalani); (b) "Three O'Clock in the Morning" (Robledo) (Zonophone Record EF23).  
 Vocal Hawaiian number—King's Hawaiians, "Na Lei o Hawaii" (Parlophone Record A2661).  
 Hawaiian orchestra—Hilo Hawaiian Orchestra, (a) "Kawaihan Waltz" (Kealagai); (b) "My Hula Love" (H.M.V. Record B2799).  
 10.31: Foxtrot with vocal refrain—Arcadians' Dance Orchestra, "Bluebird, Sing Me a Song" (Davis) (Zonophone 5201).  
 Foxtrot with vocal chorus—Bert Firman's Dance Orchestra, "'Cause I'm in Love" (Donaldson) (Zonophone EE123).  
 Foxtrot with vocal chorus—Jack Hylton's Orchestra, "Forty-seven Ginger-headed Sailors" (Sarony) (H.M.V. EA448).  
 10.45: Tenor solo—Franklyn Baur, "At Dawning" (Cadman) (Zonophone 5204).  
 Foxtrot with vocal chorus—Bert Firman's Orchestra, "I'm a Broken-hearted Blackbird" (Fields) (Zonophone EE123).  
 Foxtrot—All Star Orchestra, "There's a Rainbow 'Round My Shoulder" (Olson) (H.M.V. Record EA436).  
 Waltz with vocal refrain—Arcadians' Dance Orchestra, "Nicolette" (Batten) (Zonophone 5201).  
 11.0: Close down.

## 2YA, WELLINGTON (420 METRES)—SATURDAY, JUNE 8.

- 8.0 p.m.: Chimes of the G.P.O. clock.  
 8.1: Relay description of football match from Athletic Park.  
 5.0: Children's session, conducted by Uncle Toby.  
 6.0: Dinner session:  
 Orchestral—De Groot and Piccadilly Orchestra, (a) "If Only I Had You" (Davies), (b) "Lolita" (Ferrete), (H.M.V. Record B2713).  
 Orchestral—Dajos Bela Orchestra, "Electric Girl" (Helmburgh-Holmes) (Parlophone Record A4009).  
 6.11: Tacet.  
 6.15: Waltz—International Concert Orchestra, "Luxembourg Waltz" (Lehar) (Zonophone Record EF9).  
 Foxtrots—(a) International Orchestra, "Shine on, Harvest Moon" (Norworth), (b) Hamps' Kentucky Serenaders, "Blue Grass" (de Sylva) (H.M.V. Record EA407).  
 6.26: Tacet.  
 6.30: Waltz—Rhythmic Eight, "Momsy" (Yellen).  
 Foxtrot—Rhythmic Eight, "So Tired" (Little) (Zonophone Record EE104).  
 Hawaiian—Queenie and David Kaili, (a) "Hawaiian Love Song"; (b) "O Mi Paloma" (Parlophone Record A2507).  
 6.43: Tacet.  
 6.45: Piano and orchestra—Raie de Costa, (a) "Sweetheart, I'm Dreaming of You" (Carter); (b) "When Day Is Done" (de Sylva) (Parlophone Record A4041).  
 Male quartet—Goodrich Silvertown Quartet, "Old Pals Are The Best Pals After All" (Bates) (Columbia Record 01296).  
 6.56: Tacet.  
 7.0: News session, market reports and sports results.  
 7.40: Lecture—Mr. P. M. Jackson, B.A., "Motives in Actions" (under the auspices of the Workers' Educational Association).  
 8.0: Chimes of the G.P.O. clock.  
 8.1: Relay from the Town Hall of First Concert 1929 season of the Wellington Harmonic Society, assisted by 2YA Orchestra. (Conductor, Mr. H. Temple White).  
 Overture—Orchestra, "Hiawatha" ballet music (Coleridge-Taylor).  
 Song—with orchestral accompaniment, "Waiata Poi" (Alfred Hill).  
 Baritone solo with orchestral accompaniment—Mr. R. R. Orr, "Tangi" (Hill).  
 Maori folk song—Otaki Maori Party.  
 Song with orchestra—"Waiata Maori" (Hill).  
 Haka—  
 Special presentation of Alfred Hill's Cantata, "Hinemoa":  
 Soloists: Hinemoa—Mrs. J. F. Woodward.  
 Tutanekei—Mr. R. R. Orr.  
 Tiki—Mr. E. J. Hill.  
 Tohunga—Mr. C. W. Svensen.  
 Conductor: Mr. H. Temple White.

(Synopsis: There are many versions of the story of Hinemoa, the maiden of Rotorua, and the version chosen as the argument for the present musical setting is merely that which was most suitable for the purposes of a cantata. Necessary alterations and additions had to be made to adapt the legend to its musical setting.

The argument of the Cantata is as follows:

Hinemoa, a maiden of great beauty, was secretly loved by Tutanekei, the younger son of a great chief whose tribe was at war with that of Hinemoa. Tutanekei lived on the island of Mokola in

Rotorua Lake, and Hinemoa dwelt on the shores of the lake. Her lover sent his friend, Tiki, to tell her of his love, and Hinemoa, who had long loved Tutanekei secretly, agreed to escape in a canoe across the lake to him.

Tiki and Tutanekei were accustomed in the evenings to play upon the horn and flute, and their music was wafted across the lake to where Hinemoa lay, and the signal and guide for her in her escape was to be the flute of her lover. But when one night Hinemoa stole away from her tribe, she found that the canoe by which she meant to escape had been drawn up on the beach by her suspicious friends, and her feeble force could not launch it.

Then as she cast herself down in despair, the sound of the flute of her lover came to her across the water, and, encouraged by fairy voices, Hinemoa plunged into the lake and swam safely across to her lover's village, ever having for her guidance the flute song of Tutanekei.

Greatly exhausted, Hinemoa flung herself into a warm pool by the side of the lake, and there Tutanekei, coming to kill the enemy whom he thought was lurking in the pool, found his brave bride, Hinemoa.

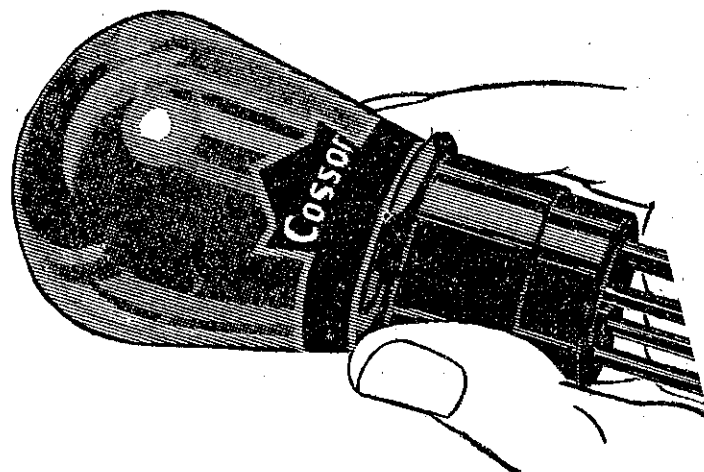
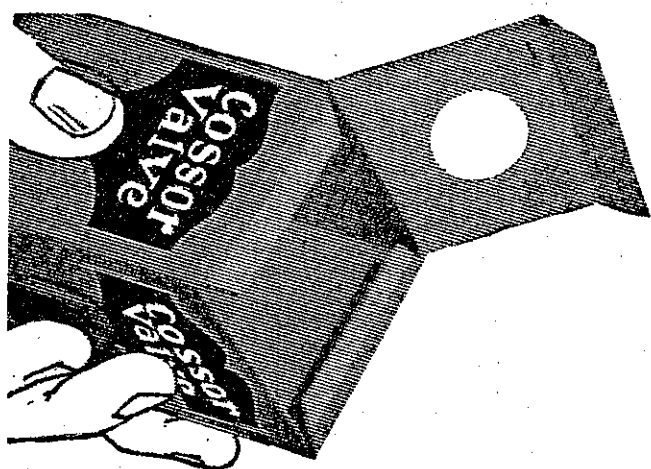
## 10.0 (approx): "His Master's Voice" Dance Programme:

- Foxtrot with vocal refrain—Horace Heidt's Orchestra, "Golden Gate" (Jolson) (H.M.V. Record EA359).  
 Foxtrot—Art Hickman's Orchestra, "Dream House" (Foxe) (H.M.V. Record EA434).  
 Foxtrot with vocal chorus—Horace Heidt's Orchestra, "What a Wonderful Wedding That Will Be" (Kahai), (H.M.V. Record EA359).  
 10.9: Tenor solo—Jno. McCormack, "I Hear You Calling Me" (Marshall) (H.M.V. DA 958).  
 Foxtrot—Victor Arden and Phil Ohman's Orchestra, "Kiddie Kapera" (Shilkret) (H.M.V. Record EA401).  
 Pipe organ, piano, trombone and harp—Shilkret's Rhythm Melodists, "When You're With Somebody Else" (Gilbert), (H.M.V. Record EA336).  
 Foxtrot—Victor Arden and Phil Ohman's Orchestra, "Rag Doll" (Brown) (H.M.V. Record EA401).  
 10.21: Humour—Norman Long, "Under The Bazunka Tree" (Lee), (H.M.V. Record B2454).  
 Hawaiian—Kane's Hawaiians, (a) "Drowsy Waters" (Ailan), (b) "Hilo Hawaiian March" (Zonophone Record 2992).  
 Foxtrot—Rhythmic Eight, "So Tired" (Little) (Zonophone EE104).  
 10.30: Tenor solo—Maurice Gunsky, "With All Her Faults I Love Her Still" (Rosenfeld) (Zonophone Record EES7).  
 Foxtrot—The Troubadours, "Dream Kisses" (Yellen), (H.M.V. Record EA269).  
 Foxtrot—Jack Hylton's Orchestra, "Souvenirs" (Nicholls) (H.M.V. EA297).  
 Waltz—International Novelty Quartet, "Cuckoo" (Jonasson) (Zonophone EE67).  
 10.43: Hawaiian—Hilo Hawaiian Orchestra, "Hawaiian Sunset" (Vandersloot) (H.M.V. Record B2328).  
 Yale Blues—Rio Grande Band, "Every Little Thing I Do" (Hackforth) (H.M.V. Record EA297).  
 Hawaiian—Hilo Hawaiian Orchestra, "Sweet Hawaiian Dreams" (Coleman) (H.M.V. Record B2328).  
 10.52: Male voices—The Revellers, "The Varsity Drag" (de Sylva) (H.M.V. Record EA332).  
 Scottish comedian—Sir Harry Lauder, "The Pirate" (Lauder) (Zonophone Record G075).  
 Vocal trio—Dalhart, Robison and Hood, "Climbin' Up De Golden Stairs" (Golden) (H.M.V. Record EA382).  
 Bass-baritone solo—Peter Dawson, "Follow Me 'Ome" (Ward) (H.M.V. Record C1427).  
 11.0: Close down.

## 3YA, CHRISTCHURCH (306 METRES)—SATURDAY, JUNE 8.

- 3 p.m.: Afternoon session—selected studio items.  
 4.25: Sports results to hand.  
 4.30: Close down.  
 6.0: Children's session, conducted by Aunt Pat and Brother Bill.  
 7.0: News session.  
 7.30: Sports results.  
 8.0: Chimes.  
 8.1: Overture—Grand Symphony Orchestra, "Light Cavalry" (Suppe) (Parlophone Record A4001).  
 8.9: Male voice part-song—Beckenham Male Quartet, "Old Black Joe" (Lincoln Hall).  
 8.14: Piano-accompaniment solo—Guido Deiro, "Toselli's Serenade" (Arrg. Deiro) (Columbia Record 01168).  
 8.17: Popular vocal items—Mr. Charles Lawrence, in popular numbers.  
 8.24: English concertina duet (unaccompanied)—Messrs. Theo. and Frances Gunther, "Ben Hur Charlot Race" (Paul).  
 8.28: Contralto solos—Miss Nellie Lowe, (a) "If I Might Come to You" (Squire); (b) "My Curly Headed Baby" (Clutsam).  
 8.36: Baritone solo—Mr. K. G. Archer, "Why Shouldn't I?" (Russell).  
 8.40: Xylo-rimba Orchestra—"Along Miami Shore" (Waltz), (Warren and Snodgrass) (Regal Record G20328).  
 8.43: Vocal quartet—Beckenham Male Quartet, "Slumber Song" (Lohr).  
 8.47: Humour—Mr. Geo. Titchener will entertain listeners.  
 8.52: Saxophone solo—Rudy Wiedoeft, "Serenade" (Drigo), (Columbia Record 01180).

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- 8.55: Male chorus—"Over There" medley (H.M.V. Record EB33).  
 8.59: Male voice duet—Beckenham Male Duo, "Off In The Stilly Night" (Trdtl.).  
 9.3: Weather report.  
 9.8: Selection—Percival Mackey's Band, "The Vagabond King" (Friml) (Columbia Record 02707).  
 9.16: Humorous Male Voice quartet—Beckenham Quartet, "There Was An Old Woman" (Harris).  
 9.20: Popular vocal items—Mr. Charles Lawrence in a variety of vocal numbers.  
 9.28: English concertina duets—Messrs. Theo. and Frances Gunther, (a) waltz, unaccompanied, "Heliotrope" (Lacoste); (b) waltz, with piano accompaniment, "Jeannine" (Shilkret).  
 9.37: Contralto solo—Miss Nellie Lowe, "The Garden of Sleep" (De Lara).  
 9.41: Humorous song—Mr. E. R. Pitman, "The Rest of the Day's Your Own" (Long).  
 9.46: Hawaiian—Kolomoku's Honoluluans, (a) "Aloha-Oe" (Liliuokalani), (b) "Three O'Clock in the Morning" (Robledo) (Zonophone Record EF23).  
 9.54: Humour—Mr. George Titchener in distinctive humorous numbers.  
 10.4: Male quartet—Beckenham Male Quartet, (a) "A Catastrophe" (Sprague), (b) "Sunkist Hawaii" (Vandersloot).  
 10.10: "His Master's Voice" dance programme:  
 Orchestral—Symphony Orchestra, (a) "Love, The Magician" (De Falla), (b) "Spanish Dance" (De Falla) (H.M.V. Record D1453).  
 Male quartet—Revellers, "Oh, Lucindy!" (Hollingworth) (H.M.V. Record EA430).  
 Foxtrot with vocal refrain, International Orchestra, "Shine On, Harvest Moon" (Norworth) (H.M.V. Record EA407).  
 Waltz with vocal refrain—The Troubadours, "Some Day, Somewhere" (Pollack), (H.M.V. Record EA421).  
 10.27: Male quartet—National Cavaliers, "Beautiful" (Gillespie) (H.M.V. Record EA430).  
 Foxtrot with vocal refrain—Hamps' Kentucky Serenaders, "Blue Grass" (de Sylva) (H.M.V. Record EA407).  
 Foxtrot—Geo. Olsen and His Music, "Who?" (Harbach), (H.M.V. Record EA79).  
 Waltz with vocal refrain—The Troubadours, "Neapolitan Nights" (Kerr), (H.M.V. Record EA421).  
 10.40: Tenor solo—Jno. McCormack, "The Far Away Bells" (Gordon), (H.M.V. Record DA914).  
 Waltz—Hilo Hawaiian Orchestra, "Louisiana Lullaby" (Zoeller) (H.M.V. Record EA374).  
 Hawaiian—Hilo Hawaiian Orchestra, "Hawaiian Nights" (Roberts), (H.M.V. Record EA310).  
 Foxtrot—Hilo Orchestra, "My Bird of Paradise" (Berlin) (H.M.V. Record EA374).  
 Violin and kinema organ—Elsie Southgate, "I Hear You Calling Me" (Marshall) (Zonophone Record 5109).  
 Foxtrot—Statler's Pennsylvanians, "Happy-Go-Lucky Lane" (Lewis), (H.M.V. Record EA353).  
 Foxtrot—Geo. Olsen and His Music, "Sunny" (Harbach), (H.M.V. Record EA79).  
 11.0: Close down.

#### 4YA, DUNEDIN (463 METRES)—SATURDAY, JUNE 8.

- 2.45 p.m.: Relay description of Senior Rugby Football Match from Carisbrook Grounds.  
 5.0: Close down.  
 6.0: Children's session, conducted by Uncle George.  
 7.0: News session.  
 8.0: Rebroadcast of 3YA, Christchurch: (Vaudeville and dance programme).  
 11.0: Close down.

## Sunday June 9

#### 1YA, AUCKLAND (333 METRES)—SUNDAY, JUNE 9.

- 3 p.m.: Selected studio items.  
 3 p.m.: Selected studio items.



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- 4.0: Literary selection by the Announcer.  
 4.8: Studio items.  
 4.30: Close down.  
 6.0: Children's service, conducted by Big Brother George.  
 6.55: Relay of service from St. Andrew's Church—Preacher, Rev. I. E. Bart-ram. Organist, Dr. Neil McDougall.  
 8.30 (approx): Relay of concert by Port Nicholson Band, under the conductor-ship of Mr. J. J. Drew, from Grand Opera House, Wellington.  
 9.30: Studio items:  
 March—Philadelphia Symphony Orchestra, "Rakoczy March" (Berlioz) (H.M.V. Record ED7).  
 Violin solo—Isolde Menges, "Ave Maria" (Schubert), (H.M.V. Record D1313).  
 9.38: Choral—Philadelphia Choir, "Mass in G Major—Kyrie Eleison" (Schu-ber) (H.M.V. Record D1478).  
 9.42: Tenor and bass duet—Caruso and Journet, "Crucifix" (Faure) (H.M.V. Record DB591).  
 9.45: Close down.

#### 2YA, WELLINGTON (420 METRES)—SUNDAY, JUNE 9.

- 3 p.m.: Afternoon session—selected studio items.  
 4.30: Close down.  
 6.0: Children's Sunday service, conducted by Uncle George.  
 7.0: Relay of service from the Vivian Street Baptist Church—Preacher, Rev. F. E. Harry. Organist, Mr. Chas. Collins. Choirmaster, Mr. J. R. Samson.  
 8.15 (approx): Relay from the Grand Opera House, of concert by the Port Nicholson Silver Band, under the conductorship of Mr. J. J. Drew.  
 Close down.

#### 3YA, CHRISTCHURCH (306 METRES)—SUNDAY, JUNE 9.

- 2 p.m.: Afternoon session—selected studio items.  
 4.30: Close down.  
 5.30: Children's song service.  
 6.15: Hymn tunes.  
 6.30: Relay of service from Oxford Terrace Baptist Church—Preacher, Rev. J. Robertson, M.A. Organist, Mr. Melville Lawry. Choir conductor, Mr. O. Murray Jones.  
 8 p.m.: Orchestral—Philadelphia Symphony Orchestra, (a) "Rakoczy March" (Berlioz); (b) "Samson et Delila—Bacchanale" (Saint-Saens) (H.M.V. Record ED7).  
 8.8: Mezzo-soprano solo, Mrs. Hilda Reeve, "My Task" (Ashford).  
 8.12: Violin solos—Jascha Heifetz, (a) "Valse Bluette" (Drigo, arrgd. Auber); (b) "Estrellita" (Ponce, arrgd. Heifetz) (H.M.V. Record DA984).  
 8.18: Baritone solo—Mr. W. H. Inkster, "The Link Divine" (Piccolomini).  
 8.22: Choral—Philharmonic Choir, "Mass in G Major—Kyrie Eleison" (Schu-ber) (H.M.V. Record D1478).  
 8.26: Instrumental—Christchurch Broadcasting Trio, "Trio in A Minor—Allegro Apassionata—Presto" (Lalo).  
 8.38: Soprano solos—Miss Marjory Miller, (a) "Teach Me to Pray" (Gwynn Williams); (b) "Were I" (Jacobs-Bond).  
 8.43: Grand organ solo—Spencer Shaw, "Salut d'Amour" (Elgar) (Zonophone Record 5162).  
 8.46: Mezzo-soprano solos, Mrs. Hilda Reeve, (a) "The Gift" (Behrend); (b) "I Know A Lovely Garden" (d'Hardelot).  
 8.53: Orchestral—New Light Symphony Orchestra, "Peer Gynt Suite, No. 2" (Grieg): 1. Ingrid's Lament. 2. Arabian Dance (H.M.V. Record C1571).  
 9.1: Weather report.  
 9.6: Orchestral—New Light Symphony Orchestra, "Peer Gynt Suite, No. 2" (Grieg): 1. Return of Peer Gynt. 2. Solveig's Song (H.M.V. Record C1572).  
 9.14: Baritone solos—Mr. W. H. Inkster, (a) "Shipmates o' Mine" (Sander-son); (b) "On the Shores of the Aegean Sea" (Marsh Little).  
 9.20: Soprano solo—Miss Marjory Miller, "A Cottage in God's Garden" (Jacobs-Bond) (special introduction by nightingales and church bells).  
 9.28: Close down.

#### 4YA, DUNEDIN (463 METRES)—SUNDAY, JUNE 9.

- 3.0 p.m.: Town Hall chimes.  
 3.1: Selected gramophone items.  
 4.30: Close down.  
 5.30: Children's song service, conducted by Big Brother Bill.  
 6.30: Relay of service from St. Paul's Cathedral:  
 Preacher: Canon Nevill.  
 Organist: Mr. E. Heywood, F.R.C.  
 8.5: Relay from His Majesty's Theatre of concert by the Dunedin Tramways' Band.  
 Close down.

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# Our Mail Bag

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## Dinner Session Valued.

THE dinner-hour music session at 2YA has arrived, and is affording us the greatest pleasure. The company can consider suspending this session only at its own risk.—"S." (Invercargill).

## Invercargill Carnival.

I have been a subscriber to your excellent paper since its publication, and wish to congratulate you on its usefulness. I would also like to thank the R.B.C. for its good choice of programmes—they give us the opportunity also of hearing everything of interest, but here I must add a protest with regard to the Invercargill relays, both on Thursday and Saturday evenings. That kind of thing may be all right to look at, but it was disgusting to have to listen to, and we would have preferred gramophone selections from 4YA instead. However, this is my only growl. The Wellington band concerts are a treat and are eagerly awaited here on Sunday evenings. We also enjoy the 2YA dinner music; it fills in an otherwise quiet hour.—E.B. (Macandrew Bay).

## Dinner Session and Stops.

JUST a line to say that I for one very much appreciate your dinner session programmes. I think the items have been well selected. I notice that your correspondent B. W. Ferris objects to the ten-minute stops. I say, keep up the quality of the music, and

I do not object to the stops. I quite recognise that it is impossible for you radio people to please everybody, but I think it your duty to make sure that the performer can really give a creditable performance. I happened to be listening in recently and heard two items on the piano. It was the most excruciating experience I have had for a long time and no credit to 2YA.—C. R. Caverhill (Hinakura).

## To Help the Country Listeners.

BEING a constant reader of your valuable paper, I am always intensely interested in the various opinions expressed via "Our Mail-Bag." Though not a farmer, I am essentially a country dweller, and therefore look at radio broadcasting from the "way-back" point of view.

As the news and information session is most valuable to country dwellers, I should like to suggest a slight alteration in delivery. I will take it for granted that all country people, especially the "waybacks," are interested in the daily news, but there must be a large proportion who are not in any way concerned with the market reports, which I fancy could be condensed. Under the present system these reports are usually sandwiched between the British and New Zealand news.

Would it be possible for the R.B.C. to give all the news immediately after the shipping and weather report? If so, then when the market reports commenced, those not interested could switch off with the knowledge that all the news for that evening had been given. I think the dinner music session a very fine one, but would like to see the intervals shortened to about 2 minutes. Where we are dependent on batteries, spending 1½ to 2 hours a week on silence is rather much to waste. The novelty type of programmes on Saturday nights are much appreciated and a welcome change from the usual weekly ones, and I hope the R.B.C. keep them going. To the town dweller who gets his paper nightly and can go out to any entertainment he fancies, the above suggestions are as nothing, but to the country dweller they count a good deal.—L. Rapley (Puponga).

## Finishing Lectures.

WHEN an audience is addressed by a speaker, in a hall, or in a public place, the attitude of the performer generally shows when the end is reached, and rarely is it necessary to wish the meeting good-night, but it is very different over the air.

Might I suggest that all lecturers, as well as announcers, say "Good night," "Good afternoon," as the case might be when leaving the microphone. —"Too Nice" (Rangataua).

## Football Broadcast.

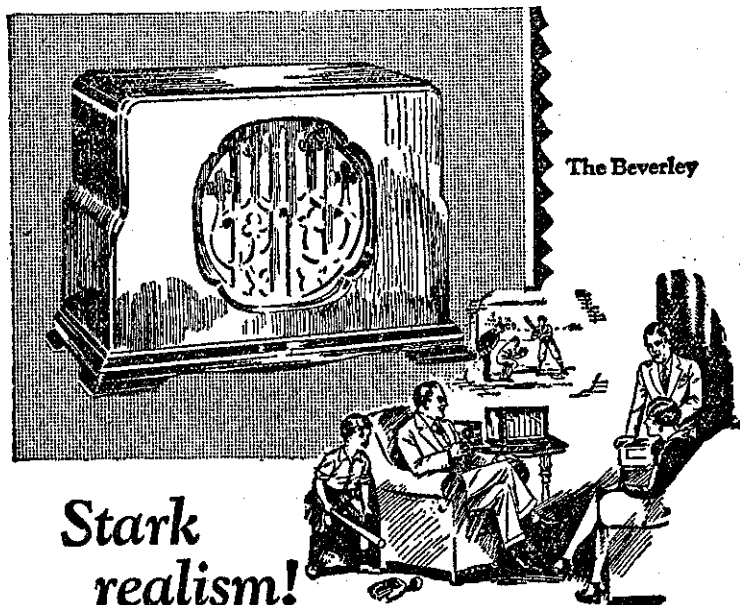
I WOULD like to protest against the broadcasting of football during the

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(Continued on Page 29.)

# Notes and Comments

By  
"SWITCH"

AN Island Bay listener reports to "Switch" that his receiving set picks up a considerable amount of interference from the trolley pole wheel of passing trams. The sparking of the wheel as it vibrates along the overhead wire reproduces loud clicks in his speaker. The trouble cannot be eliminated.

MR. G. ROBERTSON, general manager for New Zealand for Amalgamated Wireless, Ltd., returned to Wellington recently after a month's visit to Australia. He is a great believer in the future of broadcasting in Australia.

THE need for broadcast stations of much greater power than the present big stations in Australia was Mr. Robertson's impression. The Commonwealth is a vast continent with great distances to be reached by radio, and the range of the existing stations is insufficient. The Australian Government intends to erect relay stations up-country,

but even then greater power should be employed than at present.

THE first annual report of the Indian Broadcasting Co., Ltd., shows a loss of £12,500 odd. The debit balance is attributed mainly to the inevitable expenses incurred during the initial unproductive stages of the company's existence. "Piracy" is admitted to have seriously affected the revenue.

A MELBOURNE writer says: "You often hear it mentioned that many artists repeat themselves from 3LO, Melbourne. Unfortunately this is inevitable. When one realises that every baritone and every soprano and contralto have respectively the same songs, and that successful broadcasting singers must have about 150 numbers in their repertoire, the problem is understandable. Nearly every budding soprano who appears for a test at 3LO sings the same numbers as the thousands who have been through the same ordeal before, and in most cases when a suitable voice is selected the singer has only half a dozen of the more or less popular songs to his or her credit, all of which have been sung so many times over the air that listeners are tired of the repetition. So there you are. Admittedly the problem is acute, and the hunt by singers for 'unsung' numbers goes on in perpetuity." If a city like Melbourne with nearly a million inhabitants is up against this difficulty one can realise the problem which confronts our New Zealand directors.

IN many countries abroad greater power is being used for broadcasting than was thought to be possible only a few years ago. While there were some critics who found fault with the Radio Broadcasting Co. of New Zealand for erecting a 5000-watt aerial power station at Wellington on the plea that its power was too great, the tendency all over the world is for still greater power. The Swedish Government has now let a contract for a 60,000-watt aerial energy broadcasting transmitter at Stockholm.

A FRIEND 'phoned "Switch" the other night to know the mathematical relationship between wavelength (metres) and frequency (kilocycles). Nearly all the latest receiving sets have their tuning dials marked with a scale of kilocycles, and some beginners are experiencing difficulty in locating distant stations, although they know their wavelengths. To convert wavelengths (in metres) into frequency (in kilocycles) divide the metres into 3,000,000, and the results will be the frequency in kilocycles with the last figure as the decimal figure. To ascertain the wavelength from the kilocycles marked on the tuning dial, divide the kilocycles into 3,000,000, and the result will be the wavelength in metres.

TO illustrate the above formula, an example will be cited: A listener hears a station at a point on his tuning dial marked "940." He should divide 3,000,000 by 940, and the result will be a shade over 319 metres. To reverse the procedure, a listener knows that the wavelength of a station is 319 metres, but he cannot find it on his tuning dial. He should divide 3,000,000 by 319, and the result will be kilocycles, which are marked on his dial. Some factory-built sets are not adjusted quite accurately, but the tuning dial will prove to be close enough for all practical purposes. Some overseas stations, also, are not exactly on their allotted wavelengths, but the difference is not great.

THE intercolonial 'Varsity football match was splendidly "covered" by 2YA, Wellington. One circumstance,

however, was pointed out to "Switch" which the announcer might bear in mind for future occasions. He occasionally referred to the "white" or "green" (alluding to the colours worn by the respective teams). Those who were late in tuning-in missed his mention of the colours worn by the teams, and when he said "White has got the ball" or "The Greens are now doing well in the scrums" many listeners were mystified. A good plan is to abstain from mentioning the colours of the teams while the game is in progress. Still, these remarks do not detract from the able description of the game.

AN Australian writer, when referring to the world's record of listeners per head of population in Victoria, claims that it is entirely due to the good broadcasting services by 3LO and 3AR, Melbourne. "Switch," however, submits that there may be other contributory factors such as the greater congestion of the population in Victoria as compared with New South Wales. The area of Victoria is 87,884 square miles, and that of New South Wales 310,700 square miles. Victoria is almost exactly the size of England, Scotland and Wales combined, while New South Wales is five times the size of England alone. And none of the big Australian stations employ more than a third of the power of 2YA, Wellington.

THERE is another possible factor that places Victoria with such a high ratio of listeners per head of its population, and that may be the greater prosperity of the people as compared with New South Wales. Further, New South Wales with a milder winter climate and more numerous seaside resorts and greater opportunity for yachting and boating offers greater allurements to the public to spend more of their time away from their homes. "Switch" is inclined to believe that Victoria's world record of 8.17 quota of listeners per 100 of population cannot definitely be attributed to the merit of the Melbourne broadcast service unless all of the possible contributory factors mentioned by "Switch" can be definitely disproved.

"ADVENTURE" (Wellington City) suggests to "Switch" that the 2YA, Wellington, director may be able to dig up someone who can relate some interesting adventures which are authen-

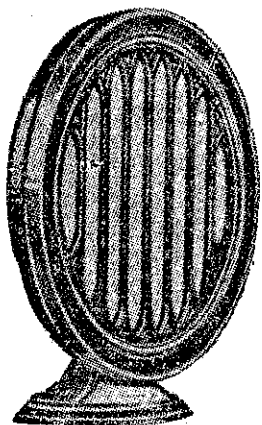
tic, as is done frequently by the Australian stations. One man in Melbourne, he says, relates some narratives of actual pirates in days gone by, and another man has been giving some most interesting descriptions from 2FC, Sydney, of his experiences with an exploration party in the vast, unknown wild north-west of Australia. He says: "We would all sit up and listen to stuff like that from 2YA, Wellington."

A FAULTY 'phone jack caused a Kilbirnie listener endless worry until he located the seat of the trouble. The jack was examined by "Switch," and it was obviously a "cheap" line. The metal leaves were made of soft material, which had very little spring in it. Moral: Never economise in purchasing parts which have a critical function to perform.

WE had a try, some time ago, in New Zealand to get the educational authorities to introduce broadcasting into the primary schools as a medium for instruction; but as the test was carried out only with 2YA, Wellington, during the daytime, the authorities were disappointed because reception at far-distant schools was marred by static. The test should have included all four stations. According to the latest news from Home, the co-operation between the educational authorities in Great Britain and the British Broadcasting Corporation has grown to such a degree that the B.B.C. has found it necessary to establish a department under full control of its educational officers. In the U.S.A. the broadcasting companies have also broken down the departmental opposition, and in almost every State regular periods in each day's school hours are given up to lessons by wireless.

THERE was a big laugh from 2FC, Sydney, on a recent night. It appears that when a relay was being carried out from the Sydney Town Hall, Cec. Morrison, the dance band conductor, finding his seat too low, annexed the detachable seat of the chair used by the announcer, Mr. Halbert. The latter returned hurriedly to the stage, and failed to notice that the bottom had been removed from his chair. He sat down suddenly, and fell through the seat of his chair, his legs sticking up in the air. The Town Hall rocked with laughter as Mr. Halbert was pulled out of his awkward predicament by two members of the band.

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UNITS ready to instal into Cabinets, or on a baffle-board. To work off 230 power. £12/15/-

UNIT to work from A Battery. £8/15/-



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63 WILLIS STREET, WELLINGTON.

'Phone 41-466.



(Continued from page 27.)

whole of Saturday afternoons. Many of the matches are of purely local interest, such as third-class matches and matches between local schools, etc. I think of the 15,000 listeners around Auckland district not 10 per cent. listen to the minor matches. A proportion of music on Saturday afternoons would, I think, be only a fair thing. I know it would be much appreciated by many whose only opportunity of hearing afternoon music is on Saturday.—"Edenite" (Auckland).

#### Radio on Great Barrier Island.

SITUATED as we farmers are 50 miles north-east of Auckland, on the east coast of Great Barrier Island, with only a weekly mail, radio is, to say the least, a God-send. We are pleased to have this opportunity of commending the Broadcasting Company on the splendid programmes broadcast. Having no church on the island, and rarely a visiting minister, the advent of radio has "filled the bill." Sunday broadcasts we appreciate most of all. 1YA is in a class by itself for the programmes of sacred music after the church services, and we sincerely hope this high standard will be maintained; the sacred music makes a fitting finish, after the beautiful services which are broadcast.—B.L.M. ("Moss Vale").

#### Billingsgate.

I HAVE read the letter in last week's "Radio Record" from Mr. Montague. The words in the play I referred to were "Oh, hell!" repeated several times. It being the first time that I have heard an expression of that kind from any of the YA stations, I was rather surprised. Mr. Montague has shown that the play has the sanction of a rev. minister and other prominent people, including himself. Further, we look to our ministers as our teachers and guides to the better things in life, so I take it from them that the language of the play is parliamentary. (In my letter I stated that it was rather unparliamentary.) Mr.

Montague makes good use of the word "Billingsgate."

My letter should have been more explicit: I wrote in a hurry. I was referring to the future when I wrote that "Billingsgate" could be left out. Mr. Montague says that obviously I do not know what the word means. I don't use a word, either in writing or speaking, unless I know the meaning. "Billingsgate" is a very common expression, and I think that the definition of it will be known to most readers, as it has been very much in vogue on the political platform. I should be sorry if any of the members of our radio family have confused the word with the language reported to be used by the frequenters of the "Billingsgate" fish market. The definition of the word as I know it is "having a freedom to use extravagant speech."

As a lover of children, as with many of our radio family, we are anxious that our children should have the very best. And our radio aunts and uncles are doing a great work amongst the children, helping them to the best. In my younger days most of my time was spent in trying to teach the children. I learned to love them. Now I can sit down and listen to the grand teaching the children get from the studios. It must be a great power for the pleasure, also a lasting benefit to the children, by the influence they receive through radio. When they grow to man and womanhood to take our places they will make better men and women than their parents were because of the instruction that they get over the air.—George Nicholls (Collingwood).

#### A Man with a Grievance.

MIGHT I encroach on your valuable space to ventilate a few grievances held by myself and to my knowledge many others, as to the programmes of 2YA? To put it mildly, the programmes lately have been a disgrace, the talent and items both being very poor. Last Saturday night's vaudeville fare was about the worst I have listened to. The dinner session has proved a great disappointment. It started

off as a dinner session should be, consisting of light orchestral music only. Now it has descended to a mixture of jazz and singing, of both of which listeners get a surfeit at the other sessions, and even these records are old and stale. Why not copy the dinner session put on by 2BL, which consists only of orchestral music played by a quartet? It also appears that the supply of new music for the orchestra has run out, as we are continually getting the old tunes repeated at frequent intervals, viz., "Poet and Peasant," "In a Monastery Garden," "In a Clock Store," "The Voice of the Bells," "Carmen," "The Blue Danube," and many others. It is high time that the company gave listeners a good return for their money, and to do this it will have to buy new orchestral music and new gramophone records.—"Fed Up" (Panama Street, Wellington).

[Unnecessarily severe language, with unwarranted implications, has been excised from this letter.—Ed.]

#### Programmes Appreciated.

WE are enjoying 2YA programmes very much. We send our thanks and appreciation to the management, the orchestra, and all the artists who entertain us, not omitting Mr. Announcer, who seems a personal friend. Wishing you all success.—J.T.R. (Featherston).

#### Southland Radio.

THE reason for there being so few radio licenses in Southland has been exercising the minds of many of your correspondents, and they attribute this sad state of affairs to the poor quality of the service and incidental reception. A trip through Southland makes the real reason obvious—the aeriads that one sees installed down there would frighten the radio frequencies for miles around. The populace being mostly connected with dairying down there will be well familiar with the maxim that "feed is half the breed." They would do well to learn another, "That the aerial is half the set."—"Diogenes" (Cromwell).

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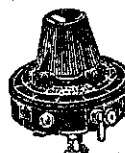
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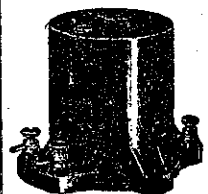
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Lissen Neutralising  
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### Power of 2YA.

I WAS pleased to read in your "Mail-bag" of this week the letter over the initials G.C.C., of Nelson. I agree with him that the transmitting power coming from 2YA has greatly deteriorated lately, whether accidentally or intentionally I don't know. Twelve months ago, no matter how much static troubled us on other stations, the superior power of 2YA enabled the listener to either defuse or cut down, and so cut out the static, whilst for some time past static is very nearly as prominent on 2YA as on the other YA's and Australian stations. Many other listeners in this locality complain in the same strain, and I would be glad to learn of any other reason save that of decreased power from 2YA. On several nights during the last few months, I have closed down, as static absolutely prevented reception of 2YA, which occurrence never happened last winter, or until, say, four months ago. The rating of 2YA does not come into the argument; comparison between reception at the present time with that of a year ago is the only bone of contention. If 2YA has not decreased its power, the efficiency thereof has greatly lessened.—V.A.S. (Wanganui).

### Oliver Twist's Appetite.

THE promised relay of 3YA, from Invercargill on Saturday night, May 18 (after being assured by the announcer of the above station that it

was a unique occasion, etc.) was, to call it at its best, a dismal failure. From 7.57 to 8.5 p.m. the only things that came over the air were squeaks and "Are you there's?" At 8.20 p.m. another break; at 8.30: "Just stand by, we are having trouble with the line." Then at 8.33 for a period of about two seconds—music out of all modulation; then a break and some more "Are you there's?" Then we were assured by 3YA that it was only an experiment. What I would like to know is why not carry out these experiments at other times, instead of at the usual broadcasting hours. We do not spend our money a year for the Broadcasting Company to experiment with. The experiment still being in progress, I switched over to 2FC, Sydney, and enjoyed a really excellent programme. Just in passing, I would like to compliment Mr. Ball on his very fine description of May Fair on Wednesday afternoon, which I heard from 4YA, Dunedin. Unfortunately for listeners this station is only receivable in daylight. Might I suggest that the Radio Broadcasting Company put on a record, or records, to fill in the time instead of closing down for five or ten minutes before commencing the evening session at 8 o'clock. At this time, I am sure, records would be better than nothing, but nevertheless, I feel that I voice the opinion of all listeners that fewer gramophone records be used during

programmes. For example, take 4YA's programme for May 22, from 8 p.m. until 9.30 p.m., and note the number of records being used. What we want is more variety by better artists. The dinner music session is not before time. But it would be more acceptable if supplied by the 2YA Orchestra instead of the records. How much longer is "tacet" to be inflicted upon us?—"Disgusted" (Invercargill).

### The Shepherd's Dog?

IT often strikes me very forcibly when reading the "Record" that the broadcasting station is in very much the same position as the shepherd's dog (with apology to Jack London). When you do wrong (imaginary or otherwise) you receive a kick. When you do right—your reward is a kick withheld. I have been in this district for two years now and it is very rarely that I go away from 2YA unless it is for a special item on one of the other programmes. I built "Megohm's" five-shielded B.D., the only difference being that I fitted condenser controlled reaction and instead of bottom of reaction coil going to plate I reversed them, top to plate, bottom to transformer, through condenser, of course, and a better working set and sweeter toned nobody could ask for. Selectivity is ideal, from my point of view. Here is an instance. I have no trouble sorting 1YA, JOAK, 2BL, without losing any side bands. I am not a DX hunter, but I can pick up 50 watt stations in Australia, and, of course, anything I go after in New Zealand. I wonder would it be any

advantage to give particulars of valves used. There are so many who have trouble neutralising. R.F. stages, two 630's "B," 90V; detector, 201A B, not over 45 volts; five audio, 609—90 volts, 43V. "C"; power valve, 171A, 135V, "C" 25V. A good cone speaker, primary windings according to impedance of valves; reaction coil 20; and I have just fitted R.F. choke between plate and transformer, but the machine was working so perfectly before that it is hard to say whether it is an improvement or not.—A. H. Probert.

### Football on Saturdays.

AS a licensed listener, I presume I have a small claim on your kind attention, and I take this opportunity to express the feelings of myself and many other listeners of my acquaintance, regarding the description of football matches from 1YA on Saturday afternoons. Football is all right once in a while, but to have to endure it week after week is—well, constant dropping wears away the stone, you know. How about the farmer's family away up north? Do they want the results of a football match droning through the loudspeaker? No, sir, give us some real lively music, as you did before, and we'll raise your praises to the sky. While I am here, I hand you my thanks for the splendid services given in the seven months I have been a wireless fiend.—C. Russell (Auckland).

### For Sale or Exchange.

See page 32 for column of casual advertisements.

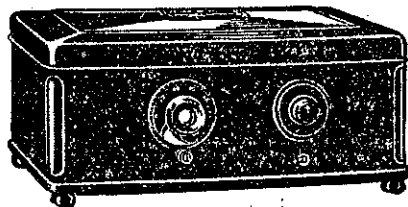
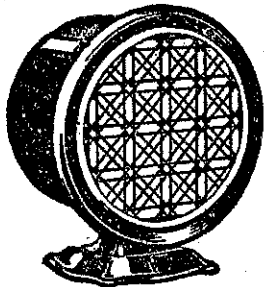
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RADIO LIMITED has introduced a new line of receivers into this country—the All-Electric "Steinite." Of these, there are five distinct models ranging from a small table outfit to a Console model comprising a combined gramophone and wireless receiver.

The "Steinite" table model comprises 6 valves and a rectifier. It is very compact, yet does not lose any of its efficiency through this. There is one dial only, and that the tuning dial.

Model 40 is a console type of 8 valves, including the rectifier. This model compares very favourably with high-class radio sets, combining a beauty of tone with great power. A built-in electro-dynamic speaker reproduces the entire musical and vocal range with great fidelity. Type 227 valves, that is the cathode type, are used throughout with the exception of two 171 power valves in push-pull for the final stage. This marks the modern tendency with all electric receivers—the tendency to use the indirectly-heated filament valves to replace the directly heated. The manufacturers of this line claim that this has eliminated all hum.

Model 45 is an 8-valve receiver, having the radio frequency coils, double-copper shielded, otherwise it is similar to model 40.

Model 50 is an advance on the other two in that the new 250 valves are used

in the last stage in push-pull. This arrangement is capable of reproducing tremendous volume without distortion.

The zenith of perfection is reached in model 102, the combined radio and phonograph. The chassis is most artistically designed and substantially constructed. The same valve combination is used as with model 50—three 226, two 227, two 250 in push-pull in the final stage and two 281 rectifiers enable the set to handle the greatest possible volume without distortion. A noiseless electric motor has an automatic stop and speed control, thus ensuring flawless reproduction from the records.

This is undoubtedly a very fine line of receivers, and it is very likely that this season will see their very wide use in New Zealand. A sample range will be on exhibit at the Express Company's sample rooms at Christchurch from June 4 to 8, and in Dunedin from June 11 to 15 approximately.

**Bandoeng to Relay PHI**

NOTICE has been received from Philips Lamps (N.Z.), Ltd. that Bandoeng, Java, is relaying PHI. on 37.5 metres, on May 30, at 11.30 p.m. to 1.30 a.m.

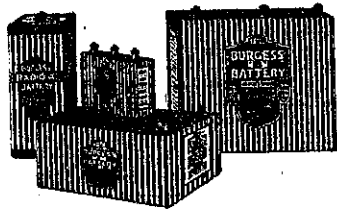
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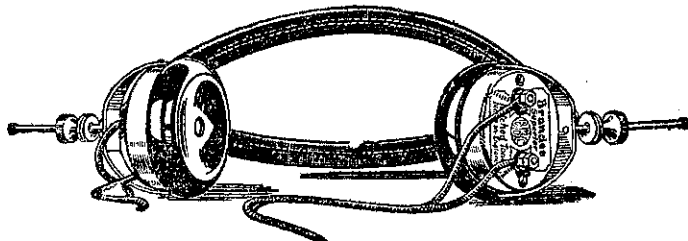
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## Hawke's Bay Notes

(By "X.Y.Z.")

**A**NOTHER quite enthusiastic meeting of the Hawke's Bay Radio Society was held in Hastings on Tuesday, the 21st. The attendance numbered 33, which was good for a very cold night, and was presided over by the Rev. R. B. Waugh, in the absence of the president, His Lordship The Bishop of Aotea Roa.

It was reported at the meeting that arrangements were being made to have the relay concert from Hastings, put over the air about the middle of August, as by that time, the Bishop will have completed his tour of New Zealand, and will be able to settle down to arrange the Maori portion of the entertainment. Fuller details will, of course, be made known later.

A good part of the evening was given over to a discussion on interference by "whistling willies" (several of which have lately come into our midst), and three members offered to go on a crusade with the idea of assisting the local radio inspector. In regard to power line leaks, a sub-committee is to wait on the Hawke's Bay Power Board at an early date.

**I**T was pleasing to see half a dozen ladies at the meeting, and the manner in which they entered some of the discussions, suggests that they had quite an enjoyable evening. It is a fine thing to get the ladies interested, and it is hoped that future meetings will gradually find the numbers increasing.

**WORKING** through 2BE, Hastings, Mr. H. Roberts gave an interesting short-wave demonstration, but this was not as successful as it might have been, on account of the close proximity of the transmitting station. It was literally in the next door section, and of course justice could not be done.

**A** SUDDEN falling off in the strength of the Sydney stations was noted last Saturday and Sunday nights. The writer tuned into 2BL for the Grime-Shack boxing contest, but even with five valves very poor reception was obtained. Strangely enough, at the same time, 3LO, Melbourne, was received with splendid volume. The New Zealand stations were also on their best behaviour. The recent long spell of static seems to have departed, and conditions generally are very much improved.

**T**HE Hawke's Bay Radio Society is making a big effort to make its meetings more popular, and the latest move is the inauguration of a suggestion box with the idea of getting members to make suggestions for future meetings. The move did not take on too well at first, but at the last meeting a hat full of suggestions were received. These will all be acted on as far as possible.

**WHILST** all listeners are full of appreciation of the dinner music session from 2YA, from opinions versed locally, it would seem as if there is plenty of room for improvement in running these. For instance, it is suggested that it is a mistake to start the music simultaneously with the clock chimes. Many also hold that it is a mistake for the station call to be given during the music, and suggest that this might easily be done with better effect just before or after the intervals. These intervals, by the way are not popular either, and a programme carried right on would prove much more enjoyable.

**I**F you take "B" current from the mains do not imagine that because the ordinary lighting switch is off it is impossible for there to be high voltages inside the set. It often happens that there is, so the best way is to disconnect the flexible lead's plug from the mains before tampering with the inside of the receiver.

## Gisborne's Plight

(To the Editor.)

**M**ANY thanks for your publication of my letter re Gisborne and the position of licensees owning short-range receivers. You attach an editorial footnote that calls for further comment, on account of the logic you advance.

Certainly no one is "compelled" to purchase a short-range receiver, but the fact remains that should a person of limited means (for any reason whatever) purchase such apparatus, that person "is compelled" by law to take out a license, and 25s. is collected on behalf of the R.B.C., the other 5s. being retained by the Government to pay expenses of administering the law, etc.

The R.B.C. are not a licensing authority, and therefore the 25s. they receive cannot be claimed under that head. Upon this argument it becomes apparent that the 5s. retained by the Government covers "the privilege" of a licensee owning radio receiving apparatus of any status. This fact is borne out by the number of ultra-short-wave receivers, etc., that cannot receive R.B.C. transmissions, but still have to be licensed. Included in this category I place all crystal receivers outside the radius of, say, 40 miles from a R.B.C. station, and in Gisborne I must include many short-range valve receivers, owing to distance. It does not seem good business ethics to suggest that these poor outtraged receiver owners should be "compelled" to keep on paying out 25s. per annum to the coffers of the R.B.C. until that body collects enough to instal some supply to fill the void. It may be for years or it may be for ever. Allow me to show by close analogy how the present system would apply in other forms of business.

Let us, for illustration, take a supposition case, in the motor and petrol business. The "Carpetro Company" vision a unified supply of petrol to licensed motor-vehicle owners, and to that end offer the Government a contract to supply petrol to such licensees, providing the Government add £25 per annum to the annual license fee. Presuming the Government were idiotic enough to accept such conditions, your argument would favour only supply to Rolls Royce's, etc., while Ford owners would only be allowed to receive a

charitable "present" of petrol now and again, from some garage proprietor, or benevolent citizen. The analogy may not be exact, but the principle in business ethics is the same. The theory of a firm building extensions from profits may be correct, but those profits should be made upon goods delivered for cash received.

When one considers the relationship between company, shareholders, and customers added to capital expenditure and profit expenditure to increase business, the glaring injustice of the present system of licensing becomes apparent. Speaking for Gisborne, I may state we are willing to pay full fees if immediate steps are taken to give a supply by the R.B.C.—Sam J. Pearson, 14 Parau Street, Gisborne.

[We will have to agree to differ with our correspondent on the question of what is and what is not logic. We retain our view that it is both illogical and impracticable to expect any broadcasting authority (Government or company) under present conditions to guarantee reception to crystal or short-range users in any part of New Zealand that they establish themselves. Naturally the governing authority will provide service to meet demand, but there is an obvious limit to the rate at which it will pay to invest capital and expand service. Such investment must have relation to the prospective return.—Ed.]

**I**F condenser-controlled reaction is used, and the reaction condenser is not connected in series with another condenser, but is joined direct to the plate of the valve, it is a good plan to insert a spare fixed condenser of, say, .001 m.f.d. between these points. It will not affect the reaction results, but will protect against a high-tension short-circuit.

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