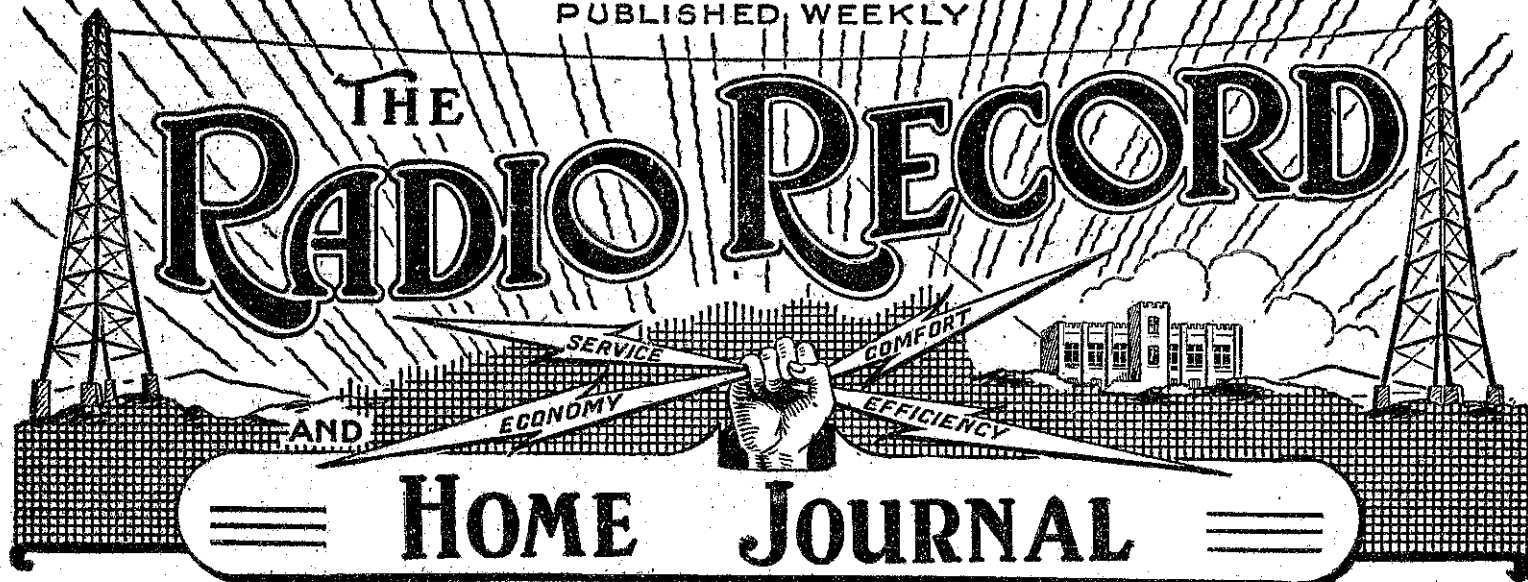


PUBLISHED WEEKLY

THE RADIO RECORD



Vol. V., No. 8.

WELLINGTON, FRIDAY, SEPTEMBER 4, 1931.

Price, 3d.

*Put New Life in
your Radio Set!*

GET NEW VALVES TO-DAY

SENSATIONAL REDUCTIONS

on world-famous

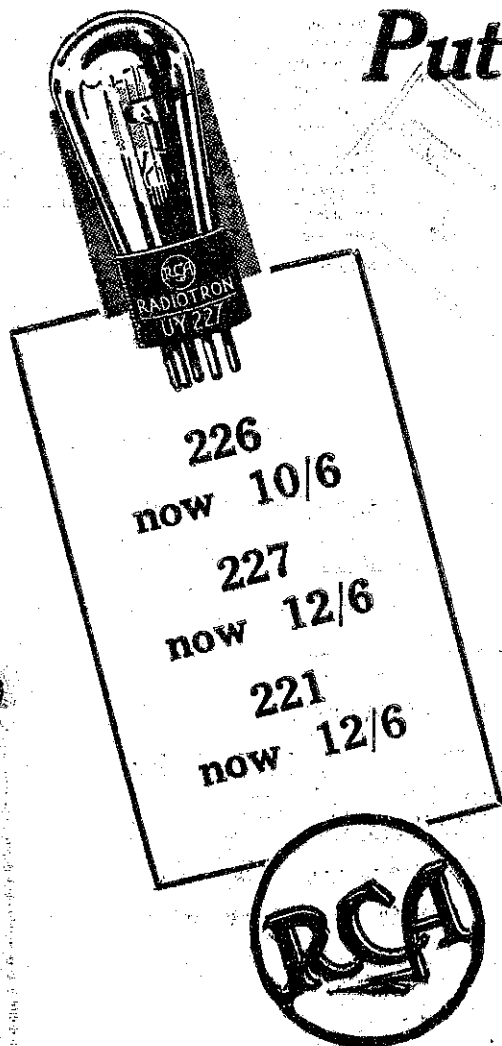
RADIOTRONS

Obtainable from all Radio Dealers

Amalgamated  Wireless
(Asia) Ltd.

P.O. Box 830

Wellington



THE Science Museum at South Kensington, London, has now a new attraction in the form of an automatic guide. This is actually a specially designed electric gramophone. The instrument, which has been installed on the top floor of the main building, gives directions where to find particular exhibits and can also give brief lectures, six to seven minutes in length. It is set in operation by pressing a button.

A TENDENCY to introduce unsavoury political items into the Dutch broadcasts has led to the issue of unusually severe regulations by the Government. The Wireless Control Commission, which has exercised an indulgent authority over all broadcasting in Holland, is now required to stiffen its attitude to the extent of forbidding all criticism of the Government. Talks manuscripts must undergo a rigid censorship, and the law now provides a scale of punishments for any violation of this principle. In extreme cases the power supply may be cut off without notice.

NEW YORK reports the invention by Dr. S. N. Baruch of a device for radio transmission which may revolutionise broadcasting; it being claimed that it creates no side-bands and will, therefore, permit more stations to occupy the ether without interference.

Dr. Baruch has applied to the Federal Radio Commission for authority to test his invention on a working scale. He claims also that his system will give practical impetus to the development of television. It will be



interesting to learn whether Dr. Baruch's invention is more practicable than Dr. Robinson's "Stenode Radiostat," the revolutionary receiver which has been acclaimed by leading radio authorities as the solution of the serious problem of station overcrowding.

EMERGING from the laboratory after many years of development, the visual radio range beacon for the guidance of aeroplanes along given courses by means of visual instrument readings rather than aural signals received through earphones will shortly be placed in daily service in America. The airway selected for the inauguration of the service is the Kansas City-Los Angeles section of the trans-continental air route. The method to be used makes use of direct radio beams along the route on which the planes are required to travel. Any divergence from the straight course is visually indicated by means of a pair of vibrating reeds which show at a glance whether the error is to the right or the left.

A SERIES of programme exchanges has been arranged between Japan and the United States. The second, which took place recently, was very successful. The United States Ambassador in Japan was heard in America, and the Japanese representative in U.S.A. spoke to his compatriots in Japan. The Tokio studio programme lasted 20 minutes, and was followed by 10 minutes of music, including the Japanese anthem. The American National Anthem was played for Japan's benefit, and special native music was rendered by a specially-engaged Japanese band.

A FRENCH musical authority, M. Paul Dermée, says it is absurd to encourage the composition of music especially intended for broadcasting. He contends that for composers to concentrate on the middle register, leaving out low notes and high notes, which do not broadcast so well, would be as harmful as to have given the gramophone a diet of music entirely nasal in its early days. He believes that the engineers must study the composers, and not the composers the engineers.

THREE radio engineers, attached to the American station WGY, have recently been given roving commissions. They carry between them a microphone and amplifying equipment, and, on discovering anything worth broadcasting they connect up to the nearest telephone wire and relay it to the station. WGY is thus able to broadcast a never-ending series of novel and interesting transmissions.

IT is reported that plans are being made for the Marchese Marconi to unveil in the autumn by means of a radio signal from his yacht in mid-Atlantic a huge statue of Christ which is in course of erection on the Corcovado Mountain overlooking Rio de Janeiro. This statue, the largest image of its kind ever made, stands 150 feet high; it is composed of concrete covered with blue tiling, and cost over £34,000. A unique event and a great honour to radio and Marconi.

IN an analysis made of certain types of programmes, the Federal Radio Commission of America early this year obtained responses from 522 out of a total of 605 licensed stations, or an 86 per cent. return. It was found that 10 per cent. of all the time "on the air" was devoted to educational programmes; 2 per cent. to data and announcements provided by the Federal Government; 1 per cent. to data provided by city, county, and State; 2½ per cent. speeches and general character; 17 per cent. to classical music; and 1½ per cent. to appeals for aid, philanthropic work, etc., such as the Red Cross "drive." Thirty-four per cent. of the total broadcasting time was used in the above manner, which left 66 per cent. for jazz, jokes, and advertising.

FERRANTI FIXED CONDENSERS



AVAILABLE IN ALL CAPACITIES from .0001 microfarads, and in all Tests from 500 volts to 2500 volts.

Made by BRITISH WORKMEN, backed by BRITISH KNOWLEDGE, when the Best that can be made are British made, be sure and stipulate—

FERRANTI CONDENSERS

N.Z. AGENTS:

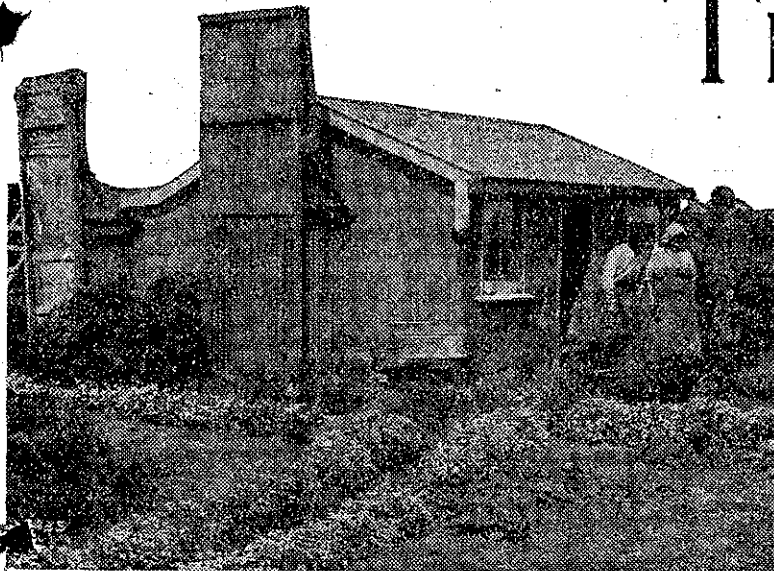
AUCKLAND

ARTHUR D. RILEY & Co. Ltd.

WELLINGTON

THE SIGNAL

PRIZE WINNER IN PLAY COMPETITION



IN making his award, Mr. Victor Lloyd writes: One very striking fact has emerged from a close study of the plays submitted, and that is that there is plenty of material available in the backblocks of New Zealand for the dramatist. Quite an appreciable number of the plays had as a motif the snobbery of the townsfolk as opposed to the inherent gentility of the people who live in the backblocks. Whether this is a state of affairs which exists in fact is, fortunately, no purpose of mine to discover. My particular task was to decide which of the large number of plays submitted was the best play. And a very difficult task it has been.

It has been very well said that if one is to avoid criticism one should state one's opinions, but never give one's reasons. I am going to ignore that most excellent dictum and indicate the features of the various plays which have impressed me most.

Every play, be it a one-act or two or three or four, should have certain qualities, and they are these: Idea (or plot); effective or convincing characterisation; crescendo (or the rapidly increasing pace at which the action moves); quality of dialogue (literary quality if you prefer); sound dramatic construction; and, finally, climax. Added to which there is that elusive quality so hard to define, yet so very easy to recognise, called "actability," meaning that the play will act well. Some plays act well and read poorly, others read well and act badly. The most experienced managers and producers often fail to recognise a good play when they read it; which may be some consolation to those competitors who have failed to secure a prize. I would like to say at this point that quite a number of the plays would have been considerably improved had they been rewritten. Arnold Bennett once told me that he never finished writing a play until the first night of the show itself; he was continually seeing places where it could be improved; and Tolstoy is said to have rewritten "Anna Karenina" thirty times over. So many of the plays submitted had an air of "just being dashed off." However, perhaps I am trespassing on ground on which I have no right, and had better get on with my job.

Having regard, therefore, to the points which I have enumerated above, I have awarded the first prize to "The Signal," by Helen Gordon. In this excellent play a fine sense of theatre and clever characterisation are displayed. The story moves progressively and logically; the dialogue has good literary qualities and is, to me, reminiscent of that great Irish playwright, J. M. Synge. Moreover, the story is worth telling and has been told well; the action does not flag, and the interest is upheld until the climax, which is very dramatic, is reached. I have only one fault to find with it, and that is that the characters of Moira and Clive (who does not appear) are perhaps just a little exaggerated. Moira is, however, Irish, and this is

Recently the "Radio Record" and "Dairy Exporter" offered a prize for a play suitable for broadcasting. Mr. Victor S. Lloyd, the judge, has announced Miss Helen Gordon's "The Signal" as the winning entry.

probably sufficient justification for her hysterical nature, while Clive has been painted rather blacker than was dramatically necessary. But this, of course is hypercriticism. "The Signal" is a very good play, and the author of it may well feel proud of having written it. I hope she will write many more plays equally as good. "The Signal," by the way, is essentially a New Zealand play in setting.

MY second choice is "The Interlude," by Constance Merritt, which is as different from "The Signal" in plot, in feeling, and in construction, as it could be. It is what G. Bernard Shaw would describe as a disquisitory play; that is, a play which has as its object a careful inquiry into any subject by means of dramatised argument. "The Interlude" is a very fine example of this type of play, and it is, if anything, of higher literary quality than any play submitted. Its principal fault lies in the fact that in action it is slow and the individual speeches are rather long. The writer of this play has an unusual ability to present the various viewpoints on a problem through the mouths of the characters. It is a difficult subject she has tackled, but she has come through with flying colours. Her dialogue is forceful, crisp and apt. Her two main characters are very ably outlined and a fine sense of the theatre is shown in the very artistic curtain, which is quite in character with the woman in the play.

Third place has been awarded to "Aunt Lizzie's Friend." This is a clever little farce, and its dialogue is bright, and in places really very funny. It should act splendidly, and would probably be as good fun to act as to see. The characterisation has that touch of caricature without which a farce becomes low in quality. The only fault I have to find is that the plot is not quite novel, but this need not worry the author, for critics of Shakespeare never tire of telling us that his plots were not his own.

"The Impostor" has a typical New Zealand setting and a good plot. It carries a neat surprise at the end, and is certainly well worth rewriting. It would act well in my opinion.

"So This is Earth" is another play which interested me very much. The plot is new and interesting, but it lacks conviction, particularly the volte face of the modern mother and daughter at the end of the play. The dialogue, however, has quite a professional and finished quality.

"Little Paradise" is a charming little fantasy, poetically and rhythmically phrased. It would give amateur producers plenty of scope for demonstrating their ability to stage an artistic production. What it lacks in drama it makes up for in careful and, in places, beautiful writing.

"Better Luck Next Time" is set in London. The plot is good and the writing of the dialogue is well done, but the principal character is not a very pleasant



VICTOR S. LLOYD,
a prominent dramatist and
playwright, who acted as judge
in the play competition.

person. I consider that the author of this play is capable of writing a very good play if she will consider that the audience would prefer to love a stage character rather than dislike it.

"Where There's a Will There's a Way" is an interesting play, which would please an audience. A little more care in characterisation and in writing would have given this play a chance of a prize.

"Purl and Plain" is also interesting. It has as a motif the excellent warning not to judge by appearances.

"Sugar, Mrs. de Fish," contains very sound characterisation and shows a wise observation of types. It presents the woman's point of view very well. The dialogue is good.

"Glitter" sets the problem: What would you do if you suddenly inherited money unexpectedly? It is a good idea, well carried out in places, although the ending is prolonged.

"Anybody Can Act" has a good plot, well worked out, but the action is slow.

"The Signal"

Characters.

Mrs. Rudd, an old woman of nearly seventy, with a gentle face that has known some great sorrow and gnarled hands that have done hard work.

Kate Rudd, her daughter, aged about forty; a little severe in type, but a woman you would trust at the first glance.

Moira Shand, a young woman in the late twenties, carrying the evidence of former beauty, but worn and sad beyond her years.

The scene is the small living-room of a typical backblocks cottage. There is a log fire burning in an open hearth; three "easy" chairs of a primitive type, a few wooden ones, and a centre table. One door leads straight on to the narrow veranda, the other into the rest of the house. There is only one window, with the curtains drawn back to allow the light to enter.

SCENE I.

It is a late winter's afternoon, and old Mrs. Rudd is sitting by the fire knitting. The outside door opens and Moira Shand enters.

Mrs. Rudd: Well, dearie, it's a wild day.

Moira (who speaks with a soft Irish voice): And a wilder night coming. The wind is howling and shrieking and the dead trees do be groaning like lost souls.

Mrs. Rudd: What a girl for fancies! I believe you see spirits abroad sometimes.

Moira (shuddering): I did feel them about me to-night—poor wandering creatures that could find no ease.

Mrs. Rudd: You take little ease yourself. Come now, and draw up to the fire. Take off that wet coat. Is it raining already?

Moira: 'Tis but a wild scatter of drops, with more coming. When the

mists parted for a minute, I did be seeing right over the harbour, all those miles away. The breakers were white upon the bar, a line of angry, tossing foam. What a night for those that be out!

Mrs. Rudd: Come away from that window, child. It's a bleak prospect, and no use looking at it. We'll be

Mrs. Rudd: Nonsense. Beginning for you, more likely. You are so young.

Moira (bitterly): Young, is it? Me young?

Mrs. Rudd (smiling): Oh, no—most ancient. What is it—twenty-seven?

Moira: It is the heart and not the years that do be counting.

"That this Female Freedom is a Farcical Failure"

is the subject of a Debate by the

Victoria University Debating Society

to be broadcast on relay by 2YA on September 11.

Affirmative

Mr. H. R. Bannister

Mr. H. J. Bishop

Chairman .. Mr. W. J. Mountjoy, jun.

Negative

Mr. M. Riske

Mr. A. E. Hurley

fine and cosy inside, in spite of the storm, for Ted left us a fine pile of rata logs. It seems strange without him, even for one night.

Moira: And we women like creatures upon a desert island, with the mist lapping us about! Ah, but it's nonsense I'm talking, for we're safe and snug within our four walls, though we've no neighbour for eight miles. Where's Kate?

Mrs. Rudd: Gone to have a last look at that young calf. It's a night when all young creatures need careful housing.

Moira: I did feed the hens and the dogs. Oh, I do be loving to think of all the creatures warm and happy!

Mrs. Rudd: Yes, it's difficult to rear animals in this high, bleak climate. Hungry land it is, and hard.

Moira: 'Tis ten years you and your son and daughter do be living here, is it not?

Mrs. Rudd (drops knitting and sits thinking): Ten years in August.

Moira: And 'twas the strange, lonesome place for you to be choosing, and you not reared to it.

Mrs. Rudd: I have not been unhappy, child.

Moira (softly): And I have been happier here every day that was passing. I might almost be thinking that joy was come again into the world, for 'tis a happy little house, and all the thoughts, and all the faces that are in it do be kind and peaceful.

Mrs. Rudd: You strange girl, with your quaint talk! It's living here so quietly with us all these years that has kept you so Irish. Sometimes I almost catch myself falling into it.

Moira: They are happy years—but happiness will be passing.

Mrs. Rudd: It's a quiet place for a young woman, and Kate and Ted both entering middle life. But it was a lucky chance that brought you to us in answer to that advertisement for help. I have two daughters now.

Moira (taking her hand): And my heart is gone from me for ever to you.

Mrs. Rudd: Poor little Moira! You were only fifteen when your mother died, weren't you?

Moira: Yes, fifteen, and life not beginning. Five more years, and it ending for ever.

Mrs. Rudd (gently): Dear girl, why do you hug your sorrows to yourself? Can't you trust us yet?

Moira (quickly): Yes, yes, I am trusting you indeed—but hasn't every heart its secret grief?

Mrs. Rudd (wincing and then speaks low): Its secret grief—its secret grief! (Door opens and Kate Rudd enters.) Ah, here comes Kate at last!

Moira: You're wet and cold, dear heart.

Mrs. Rudd: What is it, Kate? You're white as a sheet.

Kate (quickly): Nothing, nothing. It's going to be a terrible night. I wonder whether Ted bought the bull?

Moira: 'Tis a long ride for him, and the roads cruel.

Mrs. Rudd: Yes, I wish it were possible to ring him up, but they haven't got the telephone. But he'll be safe and warm by now.

Kate: I'll see to tea, Moira. You've been going hard all day.

Moira (jumping up suddenly): The saints forgive me. I did forget to be shutting up the white sow, and she the fiend's self for wandering. I will be running now.

Kate: Nonsense. She's all right. Asleep in her sty, most likely.

Moira: But it was a promise I made to Ted. (Getting down coat.)

Kate: No, no, please don't go, Moira.

Mrs. Rudd: What is it, Kate? You've had a shock. (She has been watching Kate.)

Kate: I tell you it's nothing. I'm silly and fanciful.

Moira: Is it you that is fanciful? Ah, talk sense now.

Kate (trying to be sensible): On a night like this the bush is full of noises.

Moira (half to herself): And voices and dark clutching arms.

Kate (sharply): Don't Moira, don't be so silly. (Recovers herself and takes the girl by the shoulders.) Why, lass, that's not like you to be so sad. It's your wild Irish imagination, and the storm coming.

Moira: It was maybe that, for I was full of fancies this night. I could be swearing there was someone creeping after me, stealing through the mist.

Kate (almost whispering): Moira, did you feel it too?

(At the moment the telephone bell rings sharply—one long and two short. The women give a startled cry and fall apart—then laugh.)

Kate: Well, we're a couple of sillies! Who could there be up here? And, there, the telephone now, to keep us from feeling lonely.

Moira: Yes, indeed, it is wonderful to be talking to the town and it thirty miles away! We do be very safe indeed.

Mrs. Rudd: And splendid to be able to speak to each other, ten families of us, scattered through all those miles of bush and mud. It's a great blessing to the backblocks, this telephone.

Kate: And how long we waited for it! But it seems to have taken our loneliness away. It doesn't matter that we only get our mail and our papers once a week. We can always get the latest news on the telephone. (Telephone rings again. . . . Two short and one long this time.)

Moira: There's our ring now, Kate. (Kate goes to telephone and answers.)

Kate: Yes, Kate Rudd here. . . . Oh, it's you, Mr. Anson. . . . No, my brother is away. . . . No, not till to-morrow night. . . . I don't hear you very well. . . . You don't want to alarm us? What about? . . . Speak more slowly, please. . . . Yes, that's better. . . . An escaped what? . . . Oh. . . . Yes, I see. . . . No, we'll be careful. . . . Thank you very much. . . . No, we shan't worry, but I'm glad you rang. Good-night.

Moira (in a hushed voice): Kate, what is it?

Kate (trying to be very matter-of-fact): Only a fuss about nothing, I expect.

Mrs. Rudd (quietly): You had better tell us, Kate.

Kate (bravely): Of course I'll tell you. It's nothing to make a mystery about. Only a prisoner has escaped and the police seem to think he's making for the West Coast. They want everyone to be warned.

Moira (in a strange voice): Were they saying his name, Kate?

Kate: Mr. Anson didn't know it;

Mullard

THE MASTER VALVE

Embodies all improvements known to Valve Manufacturers.

Pulmonas

PASTILLES for COUGHS and COLDS

he said he'd ring again. (Telephone goes—one long and one short—) There, he's ringing the Grahams now. . . .

Moirra (in the same voice): Did they be saying his crime, Kate?

Kate: I just heard something that sounded like—like manslaughter. The line wasn't good.

Mrs. Rudd (rising and facing her daughter): Are you hiding something from me, Kate? The time has come when we may speak frankly before Moirra. She is one of us.

Moirra (crouching by fire and speaking to herself): I have known it. I have known it. There is no joy, no happy peace. All day I have been feeling it. It is in the cruel wind and in the creaking, moaning trees, and in the black arms the bush stretched out that would be clutching me.

Kate (sharply), bending over her: Moirra, Moirra, wake up; what are you saying?

Moirra (dully): I have brought the fear upon them. . . . I have brought evil and danger to the house that sheltered

Kate: Don't be a silly girl. You want Ted here to tease you and talk Irish to you. Come and set the tea.

Mrs. Rudd: There, child, you're not well. You've looked sadly all day.

Moirra (jumping up and facing them): And would I not be sad with the secret grief that is in my heart? Listen and I will be telling you of it. I am not Moirra Shand at all. I am a wedded wife.

Kate (smiling kindly): Well, there's no crime in that, Moirra. There's many that would like to be that and aren't.

Moirra (passionately): There's no woman in the world would like to be wed to the man that wooed me. There's no man living upon the earth as evil as that man. (Suddenly she pauses and stands trembling, looking at the uncurtained window. Then her whole body stiffens and she raises one arm slowly, pointing at it. The other women turn in terror and follow her gaze, standing rooted to the ground. The silence is broken by a loud scream from Moirra.)

Moirra: And there he is! Merciful Virgin, 'tis he himself that stands there, looking in upon us. (She crouches on the floor in an agony of terror and Mrs. Rudd sinks into her chair, her face in her hands. Kate alone stands facing the window for a long minute, then she turns to her mother and nods.)

Kate: It's him, mother.

Moirra (wildly): 'Tis himself—'tis my husband.

Kate: Don't be a fool—it's Clive Jameson, my brother.

Moirra (desolately): And is it the mad women we are, you talking and I listening, and that without the door? How could it be your brother, Kate

The Orpheus Musical Society

will present a concert from 2YA
on September 10.

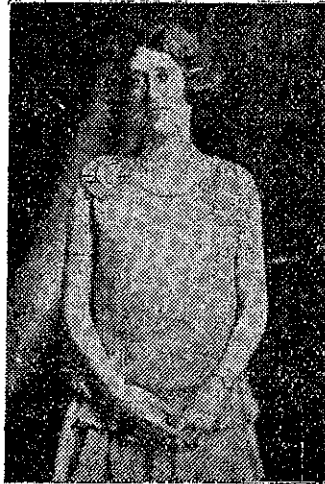
Soloists:

Soprano Jeanette Briggs, L.A.B. Lieschen

Baritone Ray Kemp Schlendrian

Tenor Roy Hill.

Instrumental Solos will be played by Mr. Claude Tanner,
Cellist.



JEANETTE BRIGGS.



ROY HILL.

Rudd? But 'tis Clive Jameson, the man I wedded. (A stealthy tap is heard at the window, and Moirra clings to Kate.)

Kate (quietly): Your husband and my brother—and may God help us both!

(The tap is repeated and Kate moves slowly to the door as the curtain drops on Scene I.)

(Scene 2.)

As before, 11 p.m. on the same evening, Mrs. Rudd is in the same chair by the fire, but her knitting lies unheeded on the floor. Kate and Moirra sit on opposite sides of the table, on which are the remains of a hasty meal, eaten by one person only.

Moirra: God help him! The rain is lashing and the trees are falling everywhere.

Kate (glancing at clock on mantel): He's been gone more than two hours. He should be nearly fifteen miles away. Nugget's a fast horse.

Mrs. Rudd (brokenly): I wish I could have died, Kate, without the memory of that face to haunt me . . . and he was so handsome once!

Moirra (in a whisper): A murderer!

Mrs. Rudd: He did not mean to kill the warder, Moirra—Oh, I know he did not mean to.

Kate: It will be all the same as if he did mean it.

Mrs. Rudd: Not one word of remembrance to us . . . not one tender glance for Moirra . . . just a hunted beast.

two short, three short, one long and one short, one long and two short, go at intervals of a few minutes. . . . After that the telephone is silent till the end.)

Moirra (clutching her throat and speaking in a whisper): What is it? What is it?

Kate (leaning against the wall and speaking with difficulty): They've tracked him in this direction. There are four warders and ten police out, and some of the settlers. . . . They're all armed.

Mrs. Rudd: God have pity on him! Kate (fiercely): But he has had no pity. He . . . he murdered that warder in cold blood. Those were all lies he told us. . . . He had cut the telephone wire . . . That's why we heard nothing till now. But they found the cut and mended it. He is armed now, and they know it.

Moirra: There will be more black deeds done by Clive Jameson this night.

Kate: They're prepared for that. They—they mean to shoot if he offers resistance.

Mrs. Rudd (moaning): He was my little son. . . . Do you remember how bright his hair was, and the pretty laugh he had?

Moirra (bitterly): He was my lover and my husband, and God lets me live to say it.

Kate: They are very anxious. The whole district is up and waiting for news. They are to keep in their houses, but they have arranged a signal . . . that's all the ringing going on now; Mr. Anson is telling them all. If they catch him alive, they will ring two long rings all along the line, that the settlers may know and be at rest.

Moirra: Rest? There is no rest in the world.

Kate (slowly): And if there is a fight and they have to—to kill him, they will ring three long rings.

(Mrs. Rudd groans and covers her face in her hands. Kate comes quickly over to her and takes one of the hands; then she lays her free hand upon Moirra's clenched ones. The girl turns and clutches her hand desperately. They remain so for a minute, then Moirra crosses to the window and parts the curtains, looking out into the night.)

Mrs. Rudd: Listen to that storm! The house feels as if it might go.

Kate: Nonsense, dear. It's quite safe. But it's a terrible night.

Moirra: And terrible doings are abroad. . . . The tall trees are bending in their grief, till their heads be almost sweeping the ground, and the wild clouds do be running in the sky from the sight of man's evil.

Mrs. Rudd (to Kate): Poor child, poor child—her, more than us.

Kate: Would it help you to tell us, Moirra—and then bury it forever?

Moirra (tragically): And what is there to tell, excepting only the way of a bad man with a loving maid? But yes, I will be speaking of it, that our hearts may not break with the dreadful waiting for that bell. It was nine years past, when first my parents brought me to this land. We lived in a little town, and in all the place there was never a gayer or a brighter boy than Clive Jameson.

Mrs. Rudd: Ah Clive—he was so handsome. If he had only said one kind word to me to-night.

Moirra (whispering): But did you be seeing the handsome face of him to-night? Have you dreamed of a fiend's face that was holding all the evil in the world, and it gloating? Have you

WHY LET ACCUMULATORS RUN DOWN?

1/- WEEKLY

Buys a Brand New

BALKITE CHARGER

Which charges from A.C.

mains for a penny or two.

ONLY 5/- DEPOSIT

ORDER NOW

Larger Chargers, Dynamos,
etc., also supplied.

Send for List.

JOHNS LTD.,

BOX 471, AUCKLAND.

wakened sweating and screaming to the Saints for help?

Kate: Hush, Moira, hush! Try to tell us quietly.

Moira (more reasonably): Did you not know, then, that he was wed?

Mrs. Rudd: We have not seen or heard of him for ten years till to-night—ah, if we could never have known what he had become.

Kate: It seems so strange that we could have lived together, and such friends, too, Moira, for all these years, and this dreadful secret between us, and none of us guessing. But his name never passed our lips, and Ted had burnt even the young photographs of him. Of course you never spoke of him either, and so it happened. You see we had changed our name and taken mother's maiden name when we came here. He had disgraced the name so horribly, and we knew that he would disgrace it again. It was a woman, that time, and money as well. We saved him, but it ruined us, and we came here to hide.

Mrs. Rudd: Always it was the same; so handsome, so charming, so hopelessly bad.

Moira: The heart of him was born black and laughing in its evil.

Mrs. Rudd (piteously): Ah, but not when he was tiny. . . . He was a beautiful baby.

Kate (rising and going to window): Poor mother! . . . Why do you stand here, Moira? Come to the fire.

Moira: It is a black night and there is blacker evil flying through it. Oh, Kate, I do be grieving that I brought sorrow to your door.

Kate: That is not so. It was not you that he was following, for he had no idea you were here. But he heard the name Rudd and remembered it was mother's maiden name. He thought it worth following up, and he had been hiding round all afternoon, trying to get a glimpse of Ted. He told me that when we were getting the horse.

Moira: And where will we all be hiding now? There is no place in the world for the likes of me to be finding peace.

Mrs. Rudd: We will find it together, dear child; you belong to us.

Kate: Oh, what a night! Will he get away?

Mrs. Rudd: He was always a fine rider, but there may be slips on the road.

(The telephone rings and they all listen—one short and two long.)

Moira (laughing hysterically and leaving window): And it was to-night that we were calling it a blessing in our loneliness!

Kate: Try to be calm, Moira. If we don't hear soon he will have got through. You will be ill to-morrow.

Moira (dully): And will there be a to-morrow coming?

Kate: Of one thing you may be certain: he will not try to return here.

Moira: And is it not strange to think that the man you were once loving is hunted down in the night with guns and men?

Kate: He is not human, Moira; he was born like that.

Mrs. Rudd: Ah, no, Kate. How I loved him! (To Moira) And you loved him, too.

Moira (fiercely): I loved him? I tell you I would have kissed the ground and him walking on it. I was nineteen when he wooed me, and the people of the town did be saying he was bad. But I was laughing in their faces and thanking the Virgin for sending me my perfect lover.

Changes in N.Z. Broadcasting

B.B.C. AS FUTURE MODEL

Modified State Control Adopted

ACCORDING to a statement made by the Postmaster-General to the daily Press last week the Government has decided that at the expiration of the Radio Broadcasting Company's contract, broadcasting will be placed under the control of an independent board.

It is stated that Cabinet appointed a Committee consisting of the Hons. J. B. Donald, H. Atmore, A. J. Stallworthy, and A. J. Murdoch to go into the question, and this Committee considered the methods in vogue in other countries, and heard evidence from the directors of the present lessee company. It was unanimously decided that the British Broadcasting Corporation was the model which could most readily be adapted to the needs of the Dominion, offering as it did all the advantages of non-political direction with none of the disadvantages attaching to private monopoly of a public utility. Cabinet confirmed the decision of the Committee, and a Bill to give effect to it is now ready for presentation to Parliament.

The proposed board will be vested with the ownership of all stations and equipment, and with entire control of the technical and studio staffs. The Post and Telegraph Department, as at present, will collect license fees and allot wavelengths, etc. The intention is that the board shall consist of a chairman and four others, all appointed by the Government.

State Ownership and Control

WHEN the Government's alternative scheme for the control of broadcasting in New Zealand was referred to Mr. A. R. Harris, general manager of the Radio Broadcasting Company, he remarked:

"In effect the Government proposal means the purchase and nationalisation of the present broadcast service, and a further extension of State ownership in the field of 'public service,'" said Mr. Harris. "The personnel of the board to be appointed by the Government will have no monetary liability in the undertaking; once this is done, all incentive to efficiency is gone. Also, I understand, the intention is to place the board beyond political control, but it remains to be seen how this is to be done without jeopardising the public interest. Such a board, having no monetary obligations, would be subject to some form of political veto. It is not possible to dissociate Government ownership from Government control."

"Two years and a half ago," said Mr. Harris, "the company expressed the opinion that additional radio coverage was required to provide an efficient broadcast service, and recommended to the Government a scheme of relay stations. The company offered to provide these, conditional on its license being extended for a period so that the company would have a reasonable chance of reimbursing itself for additional capital expenditure and operating expenses involved in the wider service. The period was for a total of five years, including the unexpired term under the existing legislation. The Government has now elapsed, and had the proposals been accepted, the additional services would have been well under way with less than three years to complete the whole scheme before the company's extended license expired. The obligations would have been contracted without liability of any kind to the State. As it is, the extensions that are so vitally required are still uninitiated. Under the proposed board there would be no contractual obligations or any guarantee of continuity of any one policy."

"This is what actually happened in Great Britain and Australia," said Mr. Harris. "In one case a plan for regional stations was proposed, and in the other a system of relay stations. In neither case have they been carried out to schedule. There is no doubt that contractual obligations under private enterprise with adequate safeguards to the public is the only sound method for progressive, efficient development."

"The company's figures also show, particularly in the first few years of operation, that had it not adhered to a rigid policy a big deficit would have been carried forward, and as it was losses were made. Only in the last year has it been able to place the service on a sound financial footing."

Kate: He was a devil always, but I was near mad with joy that summer morning—and now it is a winter night and my heart is dead.

Moira: And when I had held firm and he married me, I did think the birds were singing only for Olive, and all the little flowers laughing that day. Mrs. Rudd: Not dead, Moira, only sorely wounded. Moira: Is it only wounded you are

when the world has turned to blackness in a few short days? I tell you, I scarce trod upon the dull earth on that wedding day—and in three months had me broken.

Mrs. Rudd (prays): Father in Heaven, forgive him!

Moira: There was no evil he did not know; there was no cruelty was not his joy, and I a young, innocent girl that loved him.

Kate (fiercely): We know. If only he had died at birth!

Mrs. Rudd: Ah, no. Ah, no. Once he was little and laughing—oh, I am very old.

Moira: I tried to leave him, and he laughed. But I was young and proud, and I would not tell. He nearly killed me, and one thing made me glad. He killed his little child, ere ever it was born. It was very well it died.

Mrs. Rudd: Poor Moira. Poor child.

Kate: And did you stay till the end?

Moira: Yes, and it was not long, for there was the other woman, and he killed her before he quite killed me. Only my heart died and my soul. They took him away to gaol, and my body went on living. (Crosses again to window.) See how it has all fallen quiet of a sudden. The wind has gone, and the moon do be shining on a dead world.

Kate (going to her and taking her hand): Not dead, dear, only asleep. Like your heart, Moira. Evil can't kill a soul. God wouldn't let it.

Moira: I have been finding no God.

Kate: But you will find Him, Moira, and you will find joy, too. You will find it here in the bush with us. We'll work hard together and know the happiness of work well done, and the happiness of sunlight and growing things, and the beasts and all the tiny creatures.

Moira (wondering): Will we be finding all that, Kate?

Mrs. Rudd: Yes, yes—comfort will come, and joy for those that are young.

Moira: Ah, no; ah, no; for some day he will come again, as he came to-day. I was learning how blessed it is to be forgetting—and then there was to-day, and to-night. Always he will be there and I will be finding no rest, no God.

(The telephone rings. One long. The women hold their breath. Two long. They rise silently to their feet. Three long. . . .)

Mrs. Rudd (sinking slowly to her knees): God forgive him.

Kate (kneeling also): And have mercy upon his soul!

Moira (passionately, with arms outstretched): They have killed him. They have killed him. . . . Him that I was loving once as a young girl loves . . .

The Curtain Falls.

Deputation from Radio Dealers

DURING last week a deputation representing the combined radio dealers waited upon the Postmaster-General and advocated a form of control on the basis of the B.B.C. The deputation expressed disapproval of the scheme set out by the R.B.C.

We regret that because of an unusually crowded issue, coupled with the fact that the Minister has recently made a statement that a system, similar to that advocated by the dealers, would be adopted, we are unable to publish in detail the points raised by the deputation.

The New Zealand Radio Record —AND— Home Journal

(Incorporating the "Canterbury Radio Journal.")

P.O. BOX. 1032, WELLINGTON.

Published Weekly. Price 3d. Subscription Post Free in advance, 12s. 6d. per annum.

Literary communications should be addressed: "The Editor"; business communications to "The Manager"; technical communications to "The Technical Editor."

Advertisers are asked to note that alterations of advertisements should be in hand Friday of each week for insertion in the succeeding issue, printed Tuesday, bearing Friday's date. No responsibility is accepted for blocks remaining unclaimed three months after last insertion.

RADIO PUBLISHING COMPANY OF NEW ZEALAND, LTD.,
P.O. Box 1032, WELLINGTON.

WELLINGTON, FRIDAY, SEPTEMBER 4, 1931.

A RADIO BOARD FOR NEW ZEALAND.

ACCORDING to the Postmaster-General's announcement, Cabinet has endorsed the recommendation of the Special Committee on Radio Broadcasting to the effect that control for the future shall be vested in a Radio Board modelled upon the B.B.C. Adaptation to our needs is admitted to be required. Details are not yet available, but they will be embodied in the measure now ready for Parliament's consideration. It is stated, however, that the Board will consist of a chairman and four others, all appointed directly by the Government. This Board will take over the system in its entirety, but the Post Office will function as before in relation to the collection of fees and the allocation of wave-lengths. The Board is to be entirely divorced from political control.

THIS decision, although not altogether unexpected in view of the strong demand made for it by an organised trade and a section of listeners, may be regarded as a little surprising in the present period of economic stringency. Some immediate problems require determination before the Board can adequately function. Money will have to be found to take over the existing stations; more money will be required for the erection of those relay stations mentioned both by the Postmaster-General and by the Radio Broadcasting Company as being necessary for the effective reticulation of the Dominion with radio. Obviously the State must give the Board a flying start with adjusted finance, however much reliance may be placed upon revenue from listeners for maintenance of the service in the future. Therefore the present proposal has a bearing upon the country's immediate finance which must be discussed by Parliament.

THE main ground upon which the transfer has been determined would appear to be that a public utility should not be entrusted to private enterprise and be subject to profit. That point is discussed by the general manager of the Radio Broadcasting Company in a statement he has made. He claims that the personnel of the proposed Board will have no monetary incentive to achieve financial success, and asserts that much is to be said for the system of definite contractual obligations on the part of a financially interested concern. That argument is undoubtedly sound, and it is upon that system that the present standard has been attained. On behalf of the company, it has to be admitted that it has more than fulfilled its contractual obligations. It took a big risk on the inception of the business; it has steadily expanded the service, and given infinitely more than was originally demanded of it. At times it has not felt able to give all that was asked by some sections, and in these refusals apparently has created feeling. The record of its financial transactions, however, shows that the service has been maintained only by rigid economy and careful administration. All things considered, a fair-minded public will give the company definite credit for the part it has played in building up the service. If the proposed Board does not do well, that appreciation will be intensified, and not diminished, in the future. For our part, while we admit the feelings and motives of the trade in their attitude, we await conviction that a general plebiscite of listeners would reveal any keen desire for a change. In equity, such as plebiscite, on full details of what is proposed on both sides, should be taken.

THE Government, however, has made its decision, and it remains to be seen what the attitude of Parliament will be. No magic will attend the mere institution of the Board. That body will find that it is confronted with no easy task. Even with the initial advantage of taking over a going concern with all the spade work done, it will not be able to rest upon the impetus of the service, for the public, on the Minister's own statement, will expect a definite increase both in the number of stations throughout the country and an expansion of the hours of service from the existing stations. Responsibility for fulfilling the Minister's assurance of betterment will rest upon the Board. The constitution of that Board is therefore of prime importance. It should not be regarded as a suitable berth for the superannuated civil servant or the aged business man. Radio embodies the new spirit of the age. Young, vigorous and progressive-minded men, with definite radio attachments, are essential, and a deep obligation will rest upon the Government to exercise wisdom in their choice. From the point of view of reward for past services and capacity to fulfil effectively and efficiently obligations undertaken for the future, much could be said in favour of the company's last-made proposals. Cabinet, however, has decided against that course. In the interests of listeners, whose cause is paramount, we urge now the fullest debate by the House on the whole of the issues before it. If the Board is to come, then even more insistently do we urge the wisest selection of talent and business capacity for the personnel of the Board.

Again Over 60,000 Licenses

Total Steadily Mounting

THE following sets out the number of radio licenses at July 31, 1931.

It will be observed that the number of licenses is now only 3000 smaller than that obtaining in March this year when the renewals fell due:—

District.	Receiving.	Dealers'.	Glass. Trans- mitting and re- ceiving.	Experi- mental and special.	Free
Auckland	17,940	233	89	—	91
Canterbury	9,789	163	82	—	43
Otago	7,400	135	49	2	30
Wellington	24,996	342	139	4	49
	60,125	873	359	6	213

Total: 61,576.

WHY?

Kingsford Smith uses Burgess Batteries. Commander Byrd uses Burgess. More Burgess Batteries are sold in New Zealand than any other make. Why?

BURGESS RADIO BATTERIES

Band Programme.

I WOULD like to congratulate Mr. Geo. Whale, conductor of the Oamaru Mounted Rifles Band, on their fine programme relayed through 3YA and 4YA. It was a real treat, and reception from both stations was perfect. We would like to hear more of this band in the near future.—“Bandsman” (New Plymouth).

Sporting Results.

WHY is it that 2YA has stopped giving the cricket score in the mornings? Listeners have got to turn to B class stations to get information which is of interest to all sports throughout the Dominion. Could you tell me whether 2YA were refused a permit to broadcast wrestling bouts in Wellington this season?—“Backblocks” (Wairarapa).

Tramway Interference.

YOUR correspondent DX480C has certainly opened up a question vital to all radio listeners, and I sincerely hope it will bear fruit in the near future. Tramway interference in the cities of New Zealand is a positive curse to radio owners. I am in the same position, if not worse, than our Dunedin correspondent. I am adjacent to the tram sheds of Christchurch, and the interference resembles gravel being poured down a shoot. I am surrounded with feeders and apparently leaky tram lines, hence the continual life of purgatory for me and my set. I have had the inspector to call on me, and I have visited all radio owners who own sets around me, and they are all in the same boat. My set is capable of getting American and Australian stations, but I have to be content with our local station if I want music without gravel and sand mixed with it. Now, Sir, will ever the number of listeners be increased to such a great extent in the future if this kind of thing is allowed to go on? It will simply spell disaster to radio, and back to gramophones. The Government should be out to protect listeners, as we are paying our 30/- for music. I sympathise with our Dunedin friend, but, alas, there are hundreds like him who have to suffer in this way. My position can be proved to be due to tramway interference, because when, after midnight, when the infernal cars go to bed, I get good reception.—A.B.T. (Christchurch).

I WAS pleased to see your article on noise. We consider we get more than our share in Rotorua. Many of us have made endless complaints about it to the local P.M., so I took round a



While we welcome the expressed views of listeners on topics pertaining to radio, we ask that these communications be kept to minimum length, as heavy demands are made upon space. Mere reiteration of arguments cannot be accepted for publication, and we cannot take responsibility for views expressed. Address communications to the Editor, and sign all correspondence, though a non-de-plume may be used for publication.

petition to the Postmaster-General, and it was signed by over 90 licenseholders. I have a reply from the P.M.G. It has been arranged to carry out special investigations in connection with the trouble, but I understand that there is nothing to stop anyone from using violet rays, which is the chief cause of our annoyance during broadcasting hours, and until this is done I do not see that we can expect much improvement, as there is such a lot of it here, and doctors say it has never done anyone any good, so we look upon it as a terrible nuisance only. It spoils our reception, so I hope that something will be done very soon to eliminate it. Following is a paragraph from the local paper on the subject:—“Interference with wireless reception in Rotorua, which has for some time been excessive, according to leading enthusiasts, is reported to have been growing steadily worse. So bad, indeed, has the position become that licenseholders have promoted a petition to the Postmaster-General praying that ‘an immediate inquiry be made into the causes of the undue interference now existing in Rotorua’ with a view to the provision of a remedy. The petition, which has been signed by no less than 80 holders of wireless licenses in the town, was forwarded to the Postmaster-General to-day.”—R. G. Marsh (Rotorua).

No More New Stations.

REGARDING the proposals of the N.Z.R.B.C. for the future policy of broadcasting in New Zealand, I have no fault to find with the main features, but wish to protest against one. May we be preserved from any serious addition to the number of stations operating on broadcast. Rather

let us keep the number down to a bare minimum, and increase the power output of each. You are organising an attempt now to do away with heterodyning of existing stations, so where would we be with at least 11 extra on the broadcast band? My set is an ordinary five-valve Browning-Drake, yet it efficiently brings in KFI

THE Broadcasting Company has been advised by the British Broadcasting Corporation that a running commentary of the race for the Schneider Cup, which is scheduled for Saturday, September 12, will be broadcast by the shortwave station G5SW. If the race takes place the New Zealand stations will carry out a re-broadcast. The New Zealand time will be 10.45 p.m. on Saturday to 1.45 a.m. Sunday.

without a trace of 4YA; so it is not the set's fault that from about 1000 up to about 1500 k.c. there is practically a continuous howl of stations trying to outblast one another. In this connection I would suggest that we urgently require the co-operation of the A.B.C. The impudence of their starting up the Rockhampton station directly under our 1YA—it would seem as though we in New Zealand are to move meekly out of the way.

A writer in an English magazine says: “If things go on as they are now there will be constant interference of one station's message by another, until the reception of broadcasting becomes a complete farce.” We in Australia and New Zealand are not so badly off as they are, but the time to nip this sort of danger is now, while we have it in the bud.—K.O.P. (Carterton).

Sunday Services.

A CORRESPONDENT, “Transformer,” writes asking that 2YA should switch over promptly at 8.15 on Sunday nights to the band concert. He points out that frequently the services being broadcast by 2YA on that evening extend beyond 8.15, and sometimes

as late as 8.30. This question has been raised in the past, and the attitude of the company made clear. It is that primarily the Sabbath is the Sabbath and church services must have priority. Nothing should be done by a hurried change-over to disturb the atmosphere created by the church services.

The correspondent adds: “Apart from this complaint, I would like, as a listener of long standing, to express my appreciation of the service as a whole. Of course there is room for improvement, but I consider the company has given us the best possible service under existing conditions.”

Seven Points.

MAY I be permitted to comment:

(1) Surely the trash we get from such as 2GB, Sydney, etc., is enough to make all New Zealand frightened of listening to advertising from B stations.

(2) Surely Waipa (Otorohanga) is showing that he does not know good music when he hears it, by the way he condemns the dinner music. It is one of the best parts of the day's programme. I agree with him in this, however, that 9.30 or 10 p.m. is a little late to start a party. One night a week the programme could easily be split up a bit with dance records.

(3) I also would like to urge that the four stations alter their dinner music and news sessions, so that those who get their papers at night can have music right through.

(4) I agree with “Tooth Grinder” about Hollywood.

(5) There cannot be many like DX 150c, surely! It is bad enough when our music is interrupted by racing results. We don't want further such breaks.

(6) With regard to numerous requests for a dance band, surely listeners can see that a dance band would mean poorer and more often repeated programmes than is now the case with recorded items.

(7) I would like to urge more sacred music on Sundays. After all, Sunday is only one day in seven, so surely those who dislike sacred music can put up with two hours thereof once a week.

No matter how perfect a thing is, there are always some grizzlers who want more. My advice to them, when they get something they don't like, is to do as I do and shut it out, or go elsewhere instead of running after a pen and wasting the editor's time.—“Satisfied.”

Trivialities.

IN your issue of August 21 a correspondent signing himself “Screen Grid,” writing in reply to another correspondent concerning the class of music broadcast by YA and B class stations, states that so far as actual listening is concerned he has really no complaints to make. After unburdening himself thus, the remaining portion of his letter consists of nothing else but complaints and criticisms.

ILLUSTRATE Your Goods and SELL Them

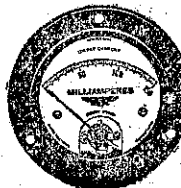
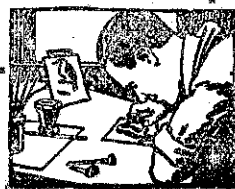
Those who buy for the home, farm, office or factory have one thing in common. They usually buy the things that look best for the price. Whether their buying is influenced by newspaper advertisement or catalogue they purchase the goods pictured and described to the best advantage.

Your product can be successfully pictured if you use “Dominion” illustration blocks. Made by craftsmen who know how to produce the best results for every class of printing, they give unusual satisfaction. Let us help you with your illustration problems.

“The Dominion” Process Engraving Dept.

WELLINGTON

Day and Night Service



There is a JEWELL Measuring Instrument for every type of Radio and Electrical Requirement. If unable to obtain, write direct to—



Factory Representatives for New Zealand:

ABEL, SMEETON, LTD., Customs Street East, Auckland.

Even at the conclusion of his letter he has a fling at one of our congenial announcers. I cannot see what exception can be taken to an announcer bidding "G-o-o-d-night" to his many listeners. If the fact were known the writer in question may have his little peculiarities and many of his friends take no notice of them. Why, then, does he draw such pointed attention to such a triviality through the columns of your valuable and instructive paper?—I am, etc., Observer (Invercargill).

Lighter Dinner Music.

I SHOULD like to join with those asking for lighter and more tuneful dinner music. I can enjoy heavy music at certain times, but dinner-time is not one of them.—"Listener" (Cambridge).

Comprehensive Views.

WE would like to know a little more about the personalities of the announcers from the different stations. Mr. Drummond's photo has been published twice since I have taken the "Radio Record." This week's "Record" mentions Mr. Curry from 3YA. We do not even know the names of the men from 1YA and 4YA. Now these men are more than mere voices from the ether. We look on them as friends and would like to know them in the flesh. Here is an impression of them, how near is it to truth? 1YA, a man similar in build to Mr. Drummond, sharp and quick in his movements. 3YA, a man in the mid-forties, tall and thick set, deliberate in his actions. 4YA, a young man still in his twenties, not very tall, slim and boyish in build.

Now as regards to position, we are situated some 50 miles north-west of Invercargill. As regards reception, 2YA is the only station from which we can get satisfactory results, and even this station has been fading badly of late, say, for the last six weeks. 4YA is out of the question after sundown. Mr. Heavyside comes down very heavily. 3YA fades very badly and unless atmospheric conditions are good one has to open the machine to full capacity to get 1YA, and usually a large bunch of crackles and bangs. The B class stations I do not care about, except 2ZW, which gives some really good recordings. These are absolutely ruined, however, by two Aussie stations, one on either side. 7LA, Launceston, is one of the offenders. On one occasion recently when listening to a recording of 2ZW, one station was explaining the excellencies of ladder-proof stockings, and another of some kind of biscuit. This particular part of the band is a succession of whistles. If I have the time I'll try to sort out the stations and send you a list, as asked for. By the way, I have a seven-valve Steinite receiver, all electric.

Regarding the establishment of relay stations. The same thing applies to the Invercargill stations as to 4YA. After sundown they go porridgy. I think it would be advisable for the company to do some experimental work before deciding on the position of the relay station. This would apply to other places as well. Then, again, is 4YA's transmitting station in the best position, situated near the railway station in the lowest part of the city with high hills surrounding it on all sides, except to the ocean?

There seems to be a good deal of criticism of 2YA using 2FC as a criterion. If my memory is not at fault the population of Sydney alone is at

least two-thirds of that of the whole of New Zealand. That will naturally give their directors a far bigger scope for talent. 2YA is not by any means perfect, but we have to learn to walk before we can run. One thing—as soon as means permit—I would like to see at Wellington, would be two A class stations, even if some of the relay stations had to be held over in the meantime. This would allow both a serious and a light programme being run simultaneously, and might stop a lot of carp-



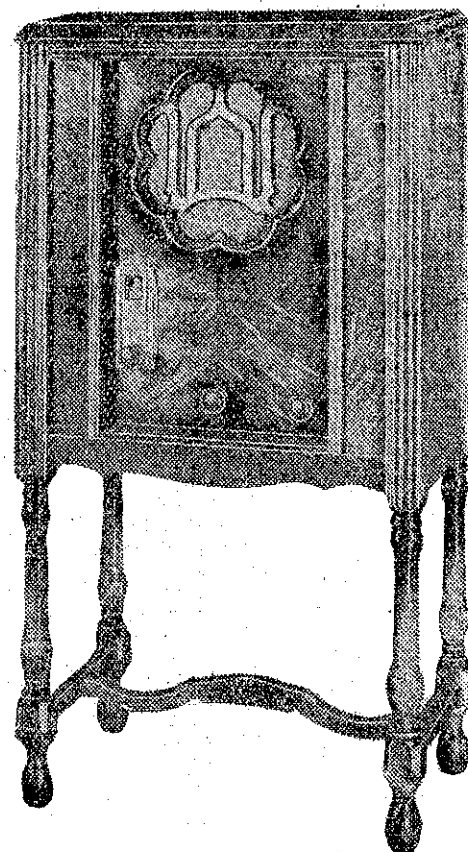
LOTTIE COLVILLE,
a youthful vocalist, who broadcasts
from 3YA regularly.
—S. P. Andrew, photo.

ing. We all know that it is impossible to suit all tastes on any one programme. I would also like to see the dead half-hour between 4.30 and 5 p.m. at 4YA filled with music, preferably lively, from the old quadrilles, etc. I am selfish in this, I own, as I start work early in the morning and usually get home at 4.30 p.m., and in a week or two 2YA will be inaudible till after 5 p.m., and there is nothing like bright and cheery music to back one up after a heavy day. For the love of Mike, none of this doleful jazz—where someone is bleating like a sheep going to the slaughter—it makes one feel like going straight on and doing the slaughtering. In these days we need something of the old Scots' prayer, "Lord gie us a guid conceit o' oorsels."

I must say that what I have heard of the new international programme is miles ahead of the last. Unfortunately I did not get in until the second half. The pure nonsense of the Merry Quakers made me laugh till my sides were sore, and the finishing touch when one brother called on the orchestra to pick up their tempo—was it possible for men to play at the speed? How is it in whispers that the girl has such a harsh voice?

Now, regarding the proposals submitted by the company. They seem to have created a bit of a stir in the Empire City. Perhaps some people have an axe to grind, and others are so used to depending on poor old granny, i.e., the State, that they cannot see

(Concluded on page 28.)



It's Performance and Value that Sells the "Ultimate"

Hear the wonderful performance of this "Ultimate" Consolette Broadcast Receiver—knife-edge selectivity; glorious tone; power and volume that will bring in every broadcast station it is possible to receive. Examine its construction and quality of components—7-Valve Superheterodyne Chassis with the new Arcturus Multi-Mu and Pentode Valves; Local-distance Switch; Tone Control; Static modifier; and a beautiful matched walnut cabinet. Then compare it for value, at its price of £33, with any other receiver on the market, and you will see why performance and value sell the "Ultimate."

"ULTIMATE" Broadcast Superheterodyne CONSOLETTE

Price :
Broadcast model, as
illustrated.

£33

Shortwave and Broad-
cast model

£39/10/-

The "Ultimate" is made in New Zealand, too, to suit New Zealand conditions. You would probably buy a British receiver if it were superior to a foreign-made set; but you would most assuredly decide on a New Zealand-made radio if it were superior to both. We claim that the "Ultimate" IS superior—prove it for yourself by actual test. There is an "Ultimate" Distributor in every part of New Zealand. If any difficulty in arranging a demonstration, communicate with the Manufacturers, C.P.O. Box 1773, Auckland.

WHATEVER SET YOU OWN OR BUY — BE SURE YOU ARE USING

C.M.A.

REGISTERED TRADE MARK NOS. 20529-20530-20531

FLEXIBLES FOR SAFETY AND EFFICIENCY



Copyright
L. B. Atkinson,
Exclusive
Licensees.
• Members of the
C.M.A.

A GOOD SET CAN BE SPOILT BY INFERIOR FLEXIBLES

G.M.A. FLEXIBLES COMPLY WITH THE GOVERNMENT REGULATIONS

Protect yourself and your set by
using C.M.A. for all external
connections and extensions.

Makers of C.M.A. Cables :

The Anchor Cable Co. Ltd.
British Insulated Cables Ltd.
Callender's Cable and Construction Co.
Ltd.
The Craigpark Electric Cable Co. Ltd.
Edison Swan Cables Ltd.
The Enfield Cable Works Ltd.
W. T. Glover & Co. Ltd.
The Greengate and Irwell Rubber Co. Ltd.
W. T. Henley's Telegraph Works Co. Ltd.

The India Rubber, Gutta Percha and Tele-
graph Works Co. Ltd.
Johnson and Phillips Ltd.
Liverpool Electric Cable Co. Ltd.
The London Electric Wire Co. and Smith's
Ltd.
The Macintosh Cable Co. Ltd.
Pirelli-General Cable Works Ltd.
St. Helen's Cable and Rubber Co. Ltd.
Siemens Bros. and Co. Ltd.
Standard Telephones and Cables Ltd.
Union Cable Co. Ltd.

BRITISH AND BEST — MINIMISE FIRE RISKS

The VOICE of MICHAEL

Conducted by "CRITIC"

International Indebtedness

THAT President Hoover's plan to postpone the payment of war debts for one year does not go far enough, is the opinion of Mr. W. Machin, speaking some days ago from 3YA. As he says, let us give all honour to President Hoover and the U.S.A. for going as far as they have—let us hope that America will have cause to see that it is as much to her benefit as to the rest of the world to cause these mountainous debts to be abolished or substantially reduced.

For what is the position? Debts were incurred before the war. Great Britain lent, in the shape of materials for constructive work, hundreds of millions; she was repaid in such raw material as the debtor country was best suited to produce. Such loans were healthy; indeed they were, to all intents and purposes, simply exchange and barter.

During the war, however, credit to an unheard-of figure was blown sky-high in blood, mud and smoke. Fabulous sums of money were spent on destruction and not construction. At the end of the war both victors and vanquished found themselves saddled with enormous interest charges and absolutely dead capital. How can these charges be met? Only by payment of manufactured goods. But the would-be recipients do not desire manufactured goods. Each country has its own factories and foundries to keep occupied.

The feverish increase of production which is now taking place all over the world is an effort to reduce production costs to reach the depleted spending power of the people. But as the sale price of goods becomes lower and lower, so the standard of living creeps down and down, and the last position of the manufacturer is worse than the first.

The breach between the spending power of the buyer and the production costs of the maker becomes ever wider; unemployment grows and grows; with primary products being destroyed to avoid glutting the market still further, there are yet millions of hungry people in the world. The cause of this absurd paradox is purely artificial and purely man-made. Perhaps mankind will see, before it is too late, that though he has woven a Gordian knot around his own throat, no magic sword is necessary to cleave it; common sense and facing the facts as they really are will dispel the gloom and rid the world of its self-imposed incubus.

On Mesopotamia

WE have to thank Mr. W. M. Hamilton, of Christchurch, for an entertaining talk on Mesopotamia. An able

Evening Talks Worth Hearing.

Sept. 7, 3YA, 9.3 p.m.	Mr. F. E. Sutton	"Lyttelton Past and Present."
Sept. 7, 4YA, 7.40 p.m.	Mr. L. Malcolm	"The Stock Exchange."
Sept. 7, 4YA, 9.0 p.m.	Rev. Herbert Davies, (About) M.A.	"China."
Sept. 8, 1YA, 7.40 p.m.	Mr. N. M. Richmond B.A.	"Plato Looks at the World To-day—Wealth and Poverty."
Sept. 8, 1YA, 9.0 p.m.	Dr. E. P. Neale (About)	"Some Aspects of International Trade."
Sept. 9, 1YA, 7.40 p.m.	Dr. A. Henderson	"What to do Till the Doctor Comes."
Sept. 9, 1YA, 9.26 p.m.	Mr. H. Hollinrake, Mus.Bac., M.A.	"The Instruments of the Orchestra — Violin and Viola."
Sept. 9, 2YA, 7.40 p.m.	Mr. Burton Mabin	"The Bay of Islands."
Sept. 9, 2YA, 9.0 p.m.	Dr. Guy Scholefield, O.B.E.	International Talk.
Sept. 10, 2YA, 7.40 p.m.	Johannes C. Andersen	"Maori Folk Lore."
Sept. 10, 3YA, 7.30 p.m.	H. J. Geddes	"Some Cultivation Problems."
Sept. 10, 3YA, 9.0 p.m.	L. R. R. Denny, (About) M.A., F.R.H.S.	"Java."
Sept. 11, 2YA, 7.0 p.m.	R. L. Page	"Students' Social Service."
Sept. 11, 3YA, 9.4 p.m.	E. Iveagh Lord	"Kumara and Richard John Seddon."
Sept. 11, 4YA, 7.30 p.m.	Captain H. M. McKay	"Aerial Exploration in the Southern Alps."
Sept. 12, 1YA, 7.40 p.m.	F. Mickleborough	"The Transmission of Speech."

For the best 300-word critical commentary upon any one of the Talks listed above, a weekly prize of 6/8 will be given; others used paid for at space rates. Comments should indicate speaker's view, treatment, manner of presentation and appeal to listeners, with sympathetic suggestions for improvement, if any. The object is to direct attention to the wealth of valuable matter made available in these talks and record outstanding deliverances, thus increasing usefulness of this means of community culture. Black type in the list means that that talk is suggested as specially suitable for treatment, either because of the speaker being new, or the interest of the subject. MSS. must reach "Critic," "Radio Record," Box 1032, Wellington, for Sunday's clearance.

verbal picture of this most ancient of civilised lands, which is perhaps as little known as any land, must have held the interest of all listeners. Some conception of the age of Mesopotamia may be gauged from the ruins of cities and of palaces which are constantly unearthed by ardent excavators.

There are ample records of the Flood and other historical occurrences chronicled in the Old Testament, but of all the interesting facts recounted for us by Mr. Hamilton, following a recent visit, perhaps the most striking was his tribute to the British officials who are responsible for Mesopotamia's safety.

It will be remembered that when General Maude captured Bagdad he issued a proclamation explaining that he came not as a conqueror, but as a liberator; he invited the people to join in the effort to restore to Mesopotamia some of its ancient power and glory. The invitation has been accepted, but it remains to be seen what the effect of the removal of British influence will have in 1932 when the mandate ends.

After dozing away the centuries Bagdad has been reawakened and finds itself to-day a most important centre for aerial communications. Both the R.A.F. and Imperial Airways maintain modern and all-important aerodromes. It seems

strange to hear of all this modern activity proceeding alongside history and tradition of the oldest order.

According to the speaker, the natives are almost completely apathetic towards modern transport and mechanics. For them the little donkey and the four-wheeled gharry, generally drawn by white horses, still find favour. There is a fair proportion of motor-car traffic, but, on the whole, the natives make poor mechanics. I was greatly entertained by all of this talk, and it has whetted my curiosity to the extent that I should like to visit the place for myself. Should others be considering the inclusion of Mesopotamia in an overseas itinerary, it would be well to remember two hints that we were given: firstly, remember to pick the right season of the year to avoid the extreme heat and cold of summer and winter, and secondly, remember that the safety enjoyed by all travellers to-day is due to the establishment of an efficient native police force by Britain.

Flightless Birds

HAS it ever occurred to you to ask yourself why some birds are flightless? Prof. R. Speight, speaking from 3YA, ascribes the reason to the absence of ground enemies, which causes birds to have less and less need for taking to the air; nature gradually adapts herself to the change in the order of things and wings become more and more abbreviated until the time comes when they are insufficient to raise the bulk of the bird in flight.

New Zealand for centuries must have been a bird paradise. It seems obvious that while she was once, perhaps, attached to the continent of Australia, this must have been countless ages ago, for while we are in possession of certain native Australian birds, not one of Australia's native animals, such as the kangaroo, remains with us. Nor were there any natural enemies; we are without snakes; vermin, such as rats, and weasels and stoats, only made their appearance with man, so that for countless ages birds must have lived a charmed life here in New Zealand.

Professor Speight made an able plea that we should do all in our power to restore to the birds that feeling of security; gradually even such timid denizens of the feathered world as the tui and the bell-bird are learning that man is their friend—let us all help to foster that belief.

Gardening Hints

NO attempt at oratory is made by Mr. Jackson in his periodical talks from 2YA, but, nevertheless, his lectures (Concluded on page 17.)

SHREWD BUYERS

Send for our AUXILIARY LIST just printed, offering dozens of bargains in new and used ELECTRIC and BATTERY SETS, ACCUMULATORS, BATTERY CHARGERS, ELIMINATORS, AMPLIFIERS, PICK-UPS, GRAMOPHONE MOTORS, LATHES, DYNAMOS, MOTORS, etc. Send at Once.

JOHNS LTD., Box 471, Auckland.

News and Views of the D.X. Club

Answers to Correspondents

"Audio" (Blenheim): Your earth is quite efficient as it is. Distant stations would be much easier to tune if a geared dial were used. Your log is fair.

DX9MC (Christchurch): "Stickers" for envelopes will shortly be made available to members of the DX Club. Your reception table was not received early enough for inclusion in last week's issue.

DX48W (Masterton): Your log, especially of American stations, is excellent for the set you are using.

"Marama" (Colac Bay): Radio transmissions are always accompanied by what might be called "secondary waves" or harmonics. Wavelengths of these are equal to $\frac{1}{2}$, $\frac{1}{4}$, $1\frac{1}{2}$, etc., that of the original transmission. These are known as the first, second, third, etc., harmonics. Thus in the case of Wellington, which operates on 417 metres, the first harmonic on 208.5 metres may be found at the bottom end of the tuning dial. If

your set would tune low enough and were sensitive enough you could calculate and thus locate the second, third, fourth, etc., harmonics.

DX650C (Waimate): The latest issue of the "Radio Log" contains the DX Cup winner's log.

"Hydro" (Hawke's Bay): Full particulars of 3ZE (Greymouth) appeared in last week's issue. Reports were asked for.

DX6NW (Westport): A list of European stations, giving powers and frequencies, appears in this week's issue. Further lists have also appeared in the last two issues.

"Searcher" (Mania): The "Radio Log" is published on the first Tuesday following the 20th of each month. We expect you have received the latest one by now. If not, let us know.

DX28HB (Gisborne): Your log is certainly worth entering for the Ellis Cup. Full particulars of the sets used by the winners in the last competition are published in this month's "Radio Log." Particulars of the station you require iden-

tified will be published in this issue, and your report forwarded in due course.

DX9A (Onehunga): All logs to be entered for the current DX competition should reach our offices not later than December 31, 1931.

"Nuke" (Waitara): KGO is located at San Francisco. Your suggestion concerning a cup for the best DX'er under 13 is quite good, but where is the cup com-

ing Co., Chicago, Illinois; WBBM, The Atlas Co. Inc., Chicago, Illinois; KGER, C. Merwin Dobyns, Long Beach California; WLW, Crosley Radio Corporation, Cincinnati, Ohio.

To Several Inquirers: 3HA, Western Victoria Broadcasting Co., 1 Gray Street, Hamilton, Victoria; 2KO, Newcastle Broadcasting Co., 57 Hunter Street, Newcastle.—"Static" (Nelson).

American Reception Table

Below are shown the relative strengths of several of the main American stations (R1-10), heard between 5.0 and 5.30 p.m. on August 17—"Clarity" (Bay of Plenty.)

KFI, Los Angeles	9
KHJ, Los Angeles	9
WTAM, Cleveland	9
KFWB, Hollywood	9
KMOX, St. Louis	8
KOA, Denver	8
WFAA, Dallas, Texas	7
KNX, Hollywood	7
KGO, Oakland	6
KPO, San Francisco	6
KGMB, Honolulu	4
KFOX, Long Beach, Calif.	3
WLW, Cincinnati	2
WOAI, San Antonio	1

Identification Wanted

JAPANESE stations heard at dial readings 55, 58, and 63.3. Known stations 2BL, 53; 3ZR, 56; 3LO, 60; and 4QG, 66.—"Audio" (Blenheim).

SHORTLY after 5.15 p.m. on August 23, two Americans were heard, one on 55 (2YA) and the other on 59. Both were broadcasting dance programmes, but 2YA came on the air before any announcements were made. Also station just below 2BL, call being heard as W—R—DX650C.

AT 11.50 a.m. on August 23, station heard on 1140 kc. (263 m.), broadcasting a church service.—DX260C (Dunedin).

[The only explanation we can offer for your hearing the Dunedin B station on 890 kc. (337 m.), instead of 1080 kc. (278 m.) is that some other station must have been relaying their programme.—Ed.]

AT 1.30 a.m. on August 17, the announcement, "now a request item, 'Happy Days and Lonely Nights,' will be played," was heard. After this number the call was given as "GIM, the Breath of America." They signed off at 1.35 a.m., saying, "We will be back on the air tomorrow night, whether you like it or not." The station was almost on top of 3SH, Swan Hill, Victoria. Wavelength approx. 277 m. (1080 kc.). Strength R9.—"Tiny" (Palmerston North).
[Thanks for remarks re DX notes. Despite its age your set appears to be still very efficient.—Ed.]

STATION heard on 363 m. approx. (825 kc.) on the morning of August 24. Items and times were: 7.16 a.m., orchestral medley. "Lily of Laguna" was one of the numbers recognised. 7.20 and 7.25 a.m., orchestral items. 7.30 Man and woman talking. English was spoken, but was not clear enough to follow. Announcements were unreadable and sounded as if they were not English. I hear the sta-

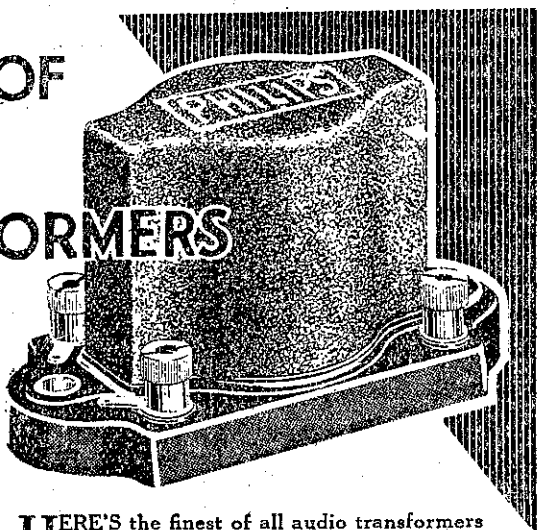
Addresses and Addresses Wanted

F.J.H. (Ross): KPO, The Chronicle Publishing Co., San Francisco, California; WENR, Great Lakes Broadcast-

Are YOU a Member of the DX Club?

If not, post your application to the DX Editor, Box 1032, Wellington, enclosing 2/6 to cover cost of badge and certificate (post free). Subscription to the "Radio Log"—the DXer's own magazine—is 6/6 per annum, post free. Book your order now and receive the latest in DX news.

FINEST OF AUDIO TRANSFORMERS



HERE'S the finest of all audio transformers capable of reproducing every frequency correctly. Compact, yet worth its weight in gold. Just couple it up in place of your present unit and note the difference!

Special Alloy Core; pure silver primary; nickel secondary; completely shielded; handy terminals; the audio transformer used in the world-famous Philips Radio-Players.

From all Radio Dealers

PHILIPS

WSER

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

tion often, but strength is always about the same. Transmissions generally weakened after 7.30 a.m.—C.G. (Gisborne).

AMERICAN station, which heterodynes 7ZL, Hobart, heard testing from 7.30 p.m. to 8 p.m. on August 17. Also, what American is on exactly the same frequency as JOHK?—DX9A (Onehunga).

STRANGER on approx. 490 m. (612 kc.), dial reading 84 (3AR, 77; 7ZL, 89). Much foreign talk and only one orchestral number has been heard. He may be heard about 11 p.m. any night. Some time ago one DX'er suggested XOL, Tientsin, but the call book gives the latter's wavelength as 480 m. Also a station on approx. 350 m. (855 kc.), which can be heard when 2BL closes down. Weird music is played and I heard an announcer say in very bad English, "We are now broadcasting on a special programme of European music. The Band of the Bodyguard of Prince — playing a march." This sounded like a tin-whistle medley. Time was 3 a.m.—K.M. (Dunedin).

STATION heard on about 860 kc (349 m.), under 2BL on August 18. Several numbers were heard at good strength between 7.15 and 7.40 p.m. On 870 kc. (345 m.), on August 23 another station was heard from 6 to 6.20 p.m. (between 1YA and 2BL). Mostly orchestral items and no announcements. Also a station heard broadcasting classical records at 11 to 11.40 p.m. on 1000 kc. (300 m.), on August 9. English announcer. Station was between 6ML and 3BO.—"Southlander" (Invercargill).

AT 6.15 p.m. on August 23, American station was heard on approx. 234 m. (1285 kc.). Static bad, fading noticeable. Items heard: (1) "Mother Machree," (2) at 6.18 p.m., "The End of a Perfect Day." Call sounded like KVOO or KVOA. A request item, "Pal of My Cradle Days," was also heard.—W.T.C. (Heathcote Valley).

STATION heard on 960 k.c. (312 m.) at 2.30 a.m. on August 25. A man with a deep voice was slowly counting from one to four, after which two orchestral numbers were played. Station closed down at 3.15 a.m., but could not catch call owing to static.—J.H.S. (Dunedin).

AMERICAN on dial reading 47 (4RK 45), heard at 5.25 p.m. on August 26 broadcasting a drama. One line was: "There goes one of your Fokkers out of control." R2, QRN very bad. Who heterodynes 2ZP, Wairoa.—"Audio" (Blenheim).

STATION operating on approximately 825 k.c. (363 m.), heard on August 4 between 1.30 a.m. and 2.45 a.m., when he closed down. Orchestral music and speech—which sounded Indian—was heard. VUB was operating on 840 k.c. (357 m.), and VUC on 8.10 k.c. (370 m.). Also foreigner, not JODK, operating on 6WF, Perth's, frequency after he had closed. This was a good night to receive XOL, Tientsin (on 585 k.c., 512 metres), as JOAK's twin station was not on the air.—R.A.S. (Mamaku).

Stations Identified

"NIGHT BIRD" (Dunedin): 3SH, Swan Hill. DX12HB: HSPI, Radio Bangkok, Siam. "Ground" (Wanganui): XEW, Mexico, and KMTR, Hollywood. "E.J.M." (Oamaru): KMPC, R. S. McMillan, Beverley Hills, Cal.; and JOLK, Fukuoka, Japan. J.H. (Wellington): JOIK, Sapporo, Japan. DX5HB (Napier): KMOX, St. Louis, Montana. "Static" (Nelson): KGM, Honolulu. "Digger" (Hamilton): JOLK, as above. J.P.C. (Palmerston North).

[Thanks for list of Japanese stations. Space considerations preclude its publication in this issue, but it will appear next week.—Ed.]

Some Additional Europeans.

The accompanying list may prove of interest to DX enthusiasts of the "early bird" variety.—D.T.H. Timaru:—

Czechoslovakia

Location	k.w.	Metres	k.es.
Praha	5.5	486	617
Brno	28	341	878
Bratislava ...	14	278	1076
Kosice	2.6	293	1022
Moravska Ostrava ...	11	263	1139

Germany

Location	k.w.	Metres	k.es.
Berlin	17	419	696
Frankfurt	17	390	770
Hamburg	17	372	806
Langenberg ...	17	472	635
Stuttgart	75	360	833

Other Europeans

Location	k.w.	Metres	k.es.
Vienna	20	516	581
Warszawa ...	185	1412	212
Paris, P.T.T.	8	447	671
Budapest ..	23	550	545
Stockholm ...	75	435	689

DX Topics

News of WLS.

FOLLOWING are particulars of station WLS, "The Voice of Agriculture," Chicago, taken from a recently received verification: Frequency 370 kc. (344.5 m.), power 5 kilowatts. Address, Agriculture Broadcasting Company, 1230 West Washington Boulevard, Chicago. They also forwarded an Ekko stamp. Latest loggings are: XEW, Mexico, 926 kc. (325 m.); KECA, 1430 kc. (210 m.); and WKBF, Indiana, 1400 kc. (214 m.).—DXSHB (Napier).

2YA's Transmission.

I NOTICE in the "Radio Record" that the 2YA's faulty transmission has been laid at the door of WGN, Chicago, which operates on the same frequency. Surely there is some error in diagnosis here. WGN used central standard time, and usually closes down at 5.30 New Zealand standard time, which agrees with midnight in Illinois. Now, as far as reception of 2YA here is concerned, I find it to be quite OK during the day and late afternoon, and during the dinner music session, i.e., on recorded items. It is not until the studio numbers begin that the trouble is noticeable. On occasional nights now, however, a decided improvement in transmission has been noticed.—J.C.

DX-ing With the "Outspan Five."

THE following stations have been received on my "Outspan Five": 30 New Zealand, 24 Australian, 5 Japanese, 16 American, HSPI, Saigon, and XOL, China, as well as about half a dozen unidentified stations. How does this compare with other DX-ers using the same type of receiver? Following are brief details of my installation: Aerial is 90ft. long and 45ft. high, and the earth consists of a buried radiator, and six pipes rang-

ing from 6 to 12ft. in length, driven in 4ft. apart. The circuit of the receiver is identical with that published in the "Radio Record," but I have added a few gadgets of my own. The aerial consists of 30 turns tapped at 30, 25 and 20. A tone control consisting of a .002 mfd. condenser and a 0-10 megohm potentiometer has been fitted across the secondary of the second transformer. A pentode has been incorporated in the last audio stage. The second and third tuning condensers are ganged with a trimmer in the r.f. stage. One of the good points about the "Outspan" is its knife-edged selectivity. I find that two stations, providing that they are not heterodyning, can be separately tuned in.—DX46A (Cambridge).

[We are pleased you are getting such good results with the "Outspan Five." One correspondent states that he has logged over 60 American stations with this set, but his locality is probably a little better than usual. We note with interest that you have succeeded in ganging the second and third tuning condensers. You evidently find it necessary to use a trimmer, however, so the number of controls is really not reduced, although tuning would be a little easier.—Ed.]

What About 4ZF?

DX24HB in a recent issue asks if any DX'er in his locality has logged 4ZR or 4ZF. At 9 p.m. on the 20th inst. 4ZF was heard with good volume, but there is interference from certain of the Australian B stations, at least so far as I am concerned.—"Hydro" (Hawke's Bay).

XEW Coming in Well.

I RECENTLY logged 3SH, Swan Hill, on approx. 278m. (1080 k.c.); strength and tone were excellent. The operator announced that 3KU had been demolished, and the B class station 3SH had taken its place. He also said that on August 29, from 8 to 12 p.m., a grand dance programme would be broadcast by

the Shell Company, in aid of the hospitals. 3UZ, 3BO, 3WH, and 3SH would all broadcast this programme. A number of dances were being arranged, and all proceeds from them would go to charity. I recently logged and have written to XED and XEW (Mexico). The latter was on about 330m. (910 k.c.). I enjoyed the music for nearly an hour before he gave the call "XEW, the Voice of Latin America." XEW broadcast a number of old Mexican songs rendered by a tenor, accompanied by a piano and sometimes a guitar. An occasional item was given by a "senorita." I have noticed recently late in the evening a slight heterodyne whistle under 2FC. After 2FC had closed down on the 16th August, the stranger was found to be another Jap. I also logged a Chinese station on approx. 806m. (980 k.c.). It was very clear. Would it perhaps be XGAH, Shanghai?—DX24A (Taumarunui).

Recent Loggings.

DURING the past fortnight I have received verifications from KFI, Los Angeles, 640 kc. (468m.); 3TR, Trafalgar, which operates on 1280 kc. (234m.), power 50 watts aerial input; 2WL, Wollongong, 1435 k.c. (209m.), and 5KA, Adelaide, 1200 k.c. (250m.). Recent loggings are 2HD (Newcastle), 270m. (110 k.c.), and 2UW (Sydney), 1120 k.c. (267 m.). The Americans have been coming in very well lately, and my latest loggings are KMOX, Louis, 275m. (1090 k.c.), and KST, 205m. (1460 k.c.).—"Searcher" (Manana).

DX News.

BY this week's mail I received a verification from station XEX, Mexico City. No frequency is given, but it was



It has the **SECRET of SUCCESS** at its fingers' ends.

CLASP IT NOW, and take the I.C.S. "Lift" to the Top. DON'T SAY YOU NEVER HAD A CHANCE! The I.C.S. Illustration Method makes home study practical.

International Correspondence Schools (NEW ZEALAND) LIMITED
1327 Wakefield St., Wellington.

Sis.—Please send me free prospectus giving full particulars of all branches of the profession or occupation before which I have marked X (If your subject is not on this list, write it here).....

—Architect, —General Bookkeeper,
—Mech. Draughtsman, —Station Bookkeeper,
—Structural Eng'r, —Salesman (any branch),
—Concrete Contractor, —Show Card Writer,
—Building Contractor, —Advert. (any branch),
—Carpenter, —Com. Illustrator,
—Plan Drawer, —Journ. 'tel (any branch),
—Shire Engineer, —General Education,
—Shire Overseer, —Language (G'phone),
—Motor Engineer, —Special Examinations,
—Motor Mechanic, —Accountant (Inst. Ex),
—Electrical Engineer, —Matriculation,
—Elec. Mech. Exams., —Intermediate,
—Mechanical Engin'r, —Dental Practm.,
—Mine Electrician, —Public Service,
—Aeroplane Engin'r, —Special Women's Dept.,
—Aeroplane Rigger, —Dressmaking,
—Textile Expert, —Millinery,
—Plumber, —Shorthand-Typing,
—Talkie Operator, —Bus. Correspondence
(There are over 4,200,000 I.C.S. Students, over 26,000 of these being in New Zealand).
ENQUIRIES COST NOTHING—POST NOW

Name.....
Age.....Occupation.....
Address.....

DUBILIER CONDENSERS for "KESTREL 3"

GIVE BETTER RESULTS!

.0001 Mica Condenser and Clips,
2/- each.
.0002 Mica Condenser and Clips,
2/- each.
.5mf.l. Mansbridge Condenser, 2/9
2 and 10 meg. Leaks, 1/6 each.
Radio Fey. Choke, 5/6.
.00015 Differential Condenser, 6/6

30 ohm Rheo., 3/-.
Ebonite Tube, 4in. x 2in., 1/-.
.0003 Var. Condenser, 9/6.
.0003 Var. Condenser, with 200-1
Vernier, 15/-.
400 ohm. Potentiometer, 5/-.
All Other Parts Stocked.

A. E. STRANGE

404 WORCESTER STREET, CHRISTCHURCH.

logged on 910 k.c. (330 m.), during July. They conclude: "We shall be very glad if you favour us with a new information for the futures receptions you can get." This station can be heard nearly every night. I see some DX-ers have heard the call as XEW. They may have changed frequencies. A verification was also received from KWKH, Shreveport, operated by the "Hello World" Broadcasting Corporation. They also operate KWEA, Chreaveport. Following are some DX notes taken from American letters. Station WABC (New York) has recently increased its power from 5 to 50 kilowatts. They are using a 600ft. vertical aerial. This is the reason why WABC is coming in so well now. A new station coming on the air soon will be WRHT, Manchester, New Hampshire, on 1430 k.c. (210 m.), using one kilowatt power. A request by KMTR (Hollywood) to have its power increased to 1 kilowatt was recently refused by the Federal Radio Commission. Following are particulars of station VK3RI, Melbourne, taken from a recent verification. Frequency 1350 k.c. (22.8 m.), power 25 watts. Address: Victorian Railways Institute Wireless Club, Railway Buildings, Flinders Street, Melbourne, C.I. Transmitter, coupled Hartley. I received them on an indoor aerial, and they remarked they were congratulating themselves on the efficiency of their transmitter. The following is an extract from a verification recently received from the Czechoslovakian station operating at Praha: "There is no doubt that you heard our station, and we feel very glad that it was heard so far in the world. You picked up our branch establishment of Bratislava which is working on 278.8 m. (1076 kilocycles). We thank you also very much for your telling us something about Masterton, and wish you a good receiving further on." They also apologise for not answering sooner owing to the huge

number of requests for verifications they have received.—N. Jenkins (Masterton).

Particulars of 7HO.

HAVE just received a card from 7HO, Hobart, particulars of which are as follow: Address, Commercial Broadcasters' Pty., Hobart. Input P.W.R. to amplified 200 watts. Antenna and counterpoise system; wavelength, 337 metres (890 k.c.). Sessions: 9.30-11.30 a.m.; 2-3.30 p.m.; 8.12 midnight, N.Z.S.T. Mondays to Saturdays. DXing has been a little better during the last fortnight. Recent loggins are KGU, Honolulu; HSPI, Siam; 5AD, Adelaide; 2WL, Wollongong; and 2XL, Broken Hill. 3SH, Swan Hill, was heard at R5, giving a test programme till after 2 a.m. on the 24th.—DX46A (Cambridge).

Open Letters.

"DX, 37W" (Wellington).—Sorry, but station JOAK should have read JQAK. JOHK comes in about 10 k.c. above 40G, so I think JQAK is the culprit, as he operates on 760 kc. (395m.). By the way, DXers, if you send verifications to N.Z. stations, write your report on DX paper, put a penny stamp on the envelope, and leave it open. It will get there. I think the seals would be better as these should be much cheaper than the envelopes.—DX7W (Marton).

Particulars of 3TR.

PARTICULARS of 3TR, Trafalgar, are as follow:—Aerial input power, 50 watts. Height of masts, 100 feet. Crystal controlled. Wavelength, 234 metres (1280 k.c.). Address may be found in "The Radio Guide," 1931. With reference to the remarks made by several DXers in regard to "B" stations not answering reports. I, too, have several offenders, namely: 4BC, 7LA, 3WR, and 7HO. Are DXers wearing their badges? I have not seen one member yet.—"Bob" (Wellington).

Another Ship Station.

ON August 26, at 6.32 p.m., I picked up a "new" ship calling 2ME. The call was VJMS, and location was given as "Just a little north of Norfolk Island." I have heard and had verified three ships working with VK2ME and VIM (Melbourne), but this is the first time I have picked up VJMS.—DXIT (New Plymouth).

4EM Now on the Air.

4EM, Charleville, Queensland, is now transmitting on a wavelength of approx. 250 metres (1200 kc.), with an aerial rating of 15 to 20 watts. Schedule is as follows:—Saturday, 4.30 to 5.30 p.m. Sundays, 11.30 a.m. to 1.30 p.m. and 4.30 to 5.30 p.m. Wednesdays, some times broadcasts from 6.30 p.m. on 210 metres (1430 kc.) approx. (N.Z. S.T.). Th's station is only experimenting at present.—"Static" (Nelson).

KTNT Closed Down.

HAS any listener heard JQAK or JFAK lately? I heard KTNT, Iowa, on June 12, 1931, on 1170 kc. (256 m.), and sent him a report. I received a reply recently stating that station KTNT was closed down on June 12 by order of the Federal Radio Commission, and as they have lost run of their programme for that night they couldn't verify. I also received a slip of paper from WGN verifying my report, and they stated that they have ceased sending out station cards. On August 26, KFBI, Milford, Kansas, was on the air at 8.30 p.m., N.Z. time, with a DX programme for Alaskan, Australian and New Zealand listeners. They were asking for reports and request items. They will be on the air again at this time on September 9. At 8.40 p.m. they played an item, "When Your Hair has Turned to Silver" for a listener in Hawke's Bay. Several listeners remark they hear KGL or KPL after KTM closes down. One

night recently I heard KTM close, and he said that KGLW would follow immediately.—R.A.S. (Mamaku).

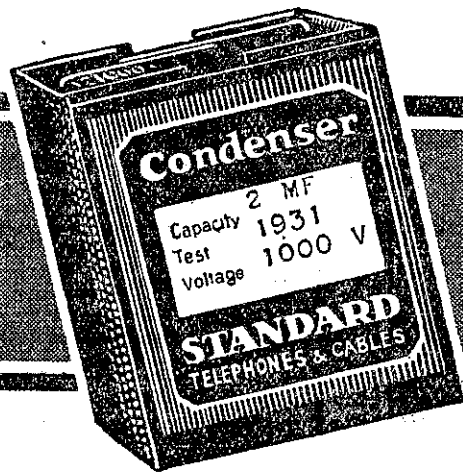
Voice of Michael

(Continued from page 9.)

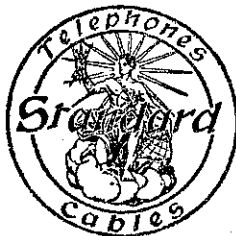
are invaluable to the ardent amateur gardener. One of the most valuable hints offered to listeners in his last talk concerned the eradication of the grass grub. Many of us have had experience of this devastating pest.

The grub will lie dormant for long periods underground; then comes the work of wholesale destruction. If allowed to proceed unchecked the insects will bare every blade of grass in a lawn by gnawing at the shoots just below the surface of the ground. Nor are the ravages confined to grass, for green vegetables, and even the roots of trees, suffer equally as much from its depredations.

Mr. Jackson recommends a thorough soaking of the affected lawn with water charged with gas-lime. Constant application of a heavy roller, particularly after rain, will check the pest, as the weight of the roller crushes those grubs near the surface. If the pest has been allowed to get too firm a hold there is nothing for it but to fork over the surface of the lawn and put all your hens on. They will clean the grub out. Then have a crop of potatoes, working the ground well, and re-lay your lawn. Many more valuable tips to gardeners were contributed, including information on the correct method of putting down a lawn. For instructive interest these talks may be recommended.



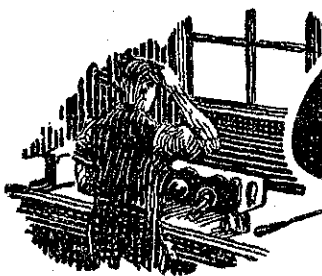
NOT "FLASH" TESTED



- Q The unfailing reliability of Standard Simplex Condensers has inspired the highest praise from technical experts and users alike the world over.
- Q In order that Standard Simplex Condensers shall be unmatched for accuracy and dependability, every single unit is subjected—not merely to the ordinary "Flash" Test, but to the standard testing voltage of 1000 volt D.C. over a period of actually from 3 to 5 minutes duration.
- Q Official Laboratory Tests show that Standard Simplex Condensers have stood this exacting test even after having been stored from 4 up to 12 days at 80 per cent. humidity.
- Q This is only one of the many efficiency and reliability factors that distinguish Standard Simplex Condensers from any other make on the world's markets to-day, and make them the approved Fixed Condenser for the largest Radio Stations, as well as the amateur Set Builder.

Advt. of Standard Telephones & Cables (A/sia), Ltd. Head Office: G.P.O. Box 638, Wellington. Auckland: P.O. Box 1897. South Island: L. B. Scott, Ltd., Christchurch.

Standard Simplex Condensers



Questions and Answers



STARTAGAIN (Napier): Can a .0005 variable condenser be used for the detector stage of the "Kestrel Three?"

A.: Yes; take about 15 turns off the secondary coil and you will find that this combination will keep in resonance with the .00035 used in the r.f.

2. I have a resistance capacity coupler. Where should this be placed?

A.: Use the transformer as specified if you want the best results, otherwise use the unit in place of the first audio transformer.

3. I have a differential condenser of .00013. Would this do for the "Kestrel Three?"

A.: Yes, but add about ten more turns on to your reaction coil.

4. Will there be a blueprint for the "Kestrel Three?"

A.: In all probability, yes.

ANXIOUS (Devonport):—Will the direction of an aerial make any difference to shortwave reception?

A.: No, you need not worry about obtaining direction effect with an ordinary shortwave aerial.

2. I cannot get good results on shortwave stations. I am using a well-known and proved circuit.

A.: Apart from experimenting with different eclector valves, grid-leaks, and detector voltage, we can suggest very little. Are you quite certain you have a good pair of phones?

3. Which set of plates do I connect to the aerial when a .0005 variable condenser is used between the aerial and the set?

A.: It is really immaterial, although it is usual to connect the fixed plates to the aerial and the moving plates to the set.

M.C.B. (Christchurch):—I wish to make a gramophone amplifier comprising one stage of audio followed by

two pentodes in push-pull. I have a "B" eliminator to supply 300 volts up to 120 mills, and a transformer with fixed terminals arranged so that variation in transformer ratio can be obtained by different combinations of primary and secondary taps. Can this transformer be used in the push-pull outfit, and how?

A.: As the transformer does not appear to be centre tapped, it can be used only in the preceding stage.

2. Is OP6 (c) suitable?—Yes.

3. Is the diagram correct?
A.: It may be necessary to use decoupling resistances between the two screens to prevent interaction. Note: You quite fail to note our limit of three questions.

R.J.S. (Hastings):—Would you advise me to use an aerial shorter than 40 feet at one end and 60 feet at the set end?

A.: No, your aerial is quite satisfactory. Leave it alone.

SPARKS (Christchurch):—Would the enclosed circuit of a one-valve set be satisfactory? If not, in what book would I find a better one?

A.: The set would not be equal to the "Sparrow Hawk One" described in the 1931 "Radio Guide."

2. I am using a six-valve all-electric set, and I can bring in the New Zealand stations and the Australians faintly. What is wrong?

A.: As there are many things that could be wrong we cannot help you very much. Quite possibly your valves need renewing or the condensers may be out of alignment.

3. My aerial is 40 feet long at one end and 30 feet at the other. It crosses the roof nearly all the way. Would the aerial be improved if I shortened it to 10 or 15 feet and avoided the roof?

A.: You are very unfortunate, because your aerial is particularly poor and this may account for your poor results. If you have to cross the roof we should advise you to do this rather than shorten your aerial. Raise it very much higher, 40, 50 or even 60 would not be out of the way in a case such as yours.

WAYBACK (Hawke's Bay): Could I charge the "B" accumulator as described in the 1930 "Guide" with a six-volt battery, providing the "B" accumulator has first been paralleled?

A.: Yes. Keep your charging rate fairly low, however.

2. Do you think the making of such an accumulator would be a wise investment? The set takes 180 volts at about 30 mamps.

A.: If you are a long way back you would find difficulty in charging the "B" battery. You could not take it round in a lorry as you do your "A" battery because it would not stand the treatment.

3. How many amps would the first and second charge take?

A.: You could not measure the amount of current that the battery would take in amps. It is not safe to charge a single "B" cell at a greater rate than 60 mamps, but if you arranged the cells in series parallel with from six to ten cells in each bank, you could charge them at one or two amps. The resistance you would use would depend entirely upon the rate at which you intend to charge the battery and voltage delivered by the charger.

NEW CHUM (Christchurch): How could I alter my set so that the frequency marked on the dial would correspond with the frequency of the station? All my readings are below what they should be.

A.: Examine the back of your set, noting how the drum is fastened to the condenser shaft. Then tune to a station on a known frequency and slacken the small screw that holds the drum to the shaft. Rotate the drum until the frequency of the station transmitting and the frequency on your dial corresponds. Then tighten up the screw and you will find that the readings will be more or less correct in future. Be careful that the condensers themselves do not slip, otherwise they will be out of alignment, and are rather difficult to line up again.

HOOK-UP (Matamata): Would .25 mds. condensers be satisfactory for by-passing the plate and s.g. valves in the Outspan Five using one condenser in each lead?

A.: In all probability, yes. .25 are usually quite satisfactory for by-passing purposes.

2. I am using .0003 tuning condensers, but there is a dead spot between 275 and 225 metres, the condenser having to be turned out of the mesh to 0 on the dial to obtain resonance with the incoming signal. From 225 to 200 metres the con-

denser has to be turned back about 15 degrees to obtain resonance.

A.: You have not made your meaning quite clear. Probably it is a very difficult thing to describe. Are your dials acting in conjunction with your condensers properly?

3. Can you give me the specifications for an 80 m.h. r.f. choke?

A.: See page 119 of the 1931 "Radio Guide."

G.W.C. (Kurov): We think your proposed aerial will be quite satisfactory. It is no doubt an improvement on the first one.

PROCTOR (Wellington): We regret we cannot supply you with the information you require concerning metal rectifiers. The formula for this is held by a commercial company who, we understand, will not agree to its being made public.

CAMERA (Hastings): I cannot get good results with the Daniels Cells. When the zincs are inserted in the sulphuric acid they fizz and will barely light up a 2.5 torch bulb. The copper strip in the bluestone changed colour.

A.: It seems as though there are impurities in the zinc, and the sulphuric solution is too strong. You must have

*Mr. Radio Fan
Puzzled. Want the latest?
"Tune in" on these publications at*

N.Z.'S OWN RADIO BOOKSHOP

THE TE ARO BOOK DEPOT, WELLINGTON.

New stocks every overseas mail.

"Cosaro" Radio Indicator and Key, 875 stations, 3/1.

"Radio Log," August issue, 7d.

"Break-in" (N.Z.), 4d.

"Short Waves," by Leitz and Gable, 14/-.

First exclusive book on S-W. Invaluable.

"Radio Manual," latest printing. Sterling and Kruse, 26/-.

"Modern Sets, 1931" (2-3-4-Valve Battery and A.C. Sets, L-W Amplifier and special S-W. Set, 1/8 (N.Z. conditions).

"Radio Physics Course," by Ghirardi, 14/8.

"Radio: A Study of First Principles," by Burns, 13/2.

"Practical Radio Testing Systems" (Rider), 6/6.

1001 Radio Questions and Answers, 1930. "Radio News," 2/9. D.C. to A.C., etc.

"Cameron's Sound Motion Pictures Encyclopedia," 18/6.

"Wireless: The Magic Carpet," 5/- (Technical Editor "Radio Record" says no set owner should be without it.)

"Practical Radio Repairing Hints," by Rider, 13/- (Don't miss it.)

"101 Hook-ups" ("Radio News" Staff), 2/6.

"Mathematics of Radio," by Rider, 11/2.

Practical Radio Testing Systems (Rider), 6/6.

"Radio Amateur Handbook" (Handy's) 8th edition, 5/3.

"Radio Amateur Call Book" (June, 1931), 5/3.

"A.R.R.L. Log of Amateur Stations," 2/-.

"Radio Log" (N.Z. monthly), 7d. per copy.

"Theory of Radio Communication," by Filgate, 12/-.

"Principles of Radio Communication," by Morecroft, 41/6.

"Elements of Radio Communication," by Morecroft, 19/-.

"Direction Finding," by Keen, 27/-.

"Radio Engineering" (a monthly issue), 21/- per annum.

ALL RADIO MAGAZINES STOCKED.
PRICES QUOTED INCLUDE POSTAGE.
WRITE US NOW.

TE ARO BOOK DEPOT

64 COURTENAY PLACE, WELLINGTON.

CORRESPONDENTS must attach this coupon to all queries sent to the Technical Editor (Box 1032, Wellington). Limit three questions, unless letter is accompanied by 1/- fee.

Name of set

Number of valves

Name

Address

.....

.....

Nom de plume

To be kept in subsequent inquiries.

Date

Please Note:—

(1) Be specific and brief, tabulating, if possible.

(2) Write legibly, and on one side of the paper.

(3) We do not design circuits, but accept suggestions for feature articles.

Solving trouble, as different from advice, is difficult by correspondence and while letters are given every consideration, answers are not necessarily correct—they are only our opinion based on the matter supplied which may be quite inadequate. Intricate and involved specifications cannot be supplied without a specialist's fee.

pure zinc, and if the sulphuric acid is of the right density, as described in the "Record," it will work satisfactorily. Are you quite certain your zincs are amalgamated?

J. H. (Gisborne): Should my aerial come in directly from a 30-foot pole to the window, or would it be better to be guyed out from the chimney?

A.: We think it would be better guyed out from the chimney.

2. The set works nearly as well without an earth. Would the Pierce earth system improve results?

A.: Probably not. Many a.c. sets work better without an earth than with one.

3. Would the addition of galvanised iron pipes go satisfactorily with my present copper plate earth? I was told that they would not agree.

A.: We think their domestic troubles would not worry you. So far as we know copper and galvanised iron do not come to grief very often.

LYDITE (Tolaga Bay): You have not made your question at all clear and we cannot grasp your meaning. Sketch out for us the coil about which you are doubtful and indicate exactly what coil you want us to tell you the number of turns which are wrong there. We cannot grasp exactly what you want.

K. NEDY (Weston): Will you give me your opinion of the valves in my set?

A.: They appear quite satisfactory until we come to the last two valves which, although in push-pull, are of different makes. It is always preferable to have two valves of the same make in the last stage, and preferable that they be tested before they are put in the set. Usually this is done, and if you have not replaced them it is possible that the two valves, which are exactly of the same type, were matched before being placed in the set, but then valves of different makes age differently, so that it is not a wise plan to put two different makes in push-pull. Use the same type of valves throughout for best results. The type that you have most of is an excellent one and will be quite satisfactory.

2. Is this set subject to hum? What is the cause of it?

A.: As far as we know your set is not subject to hum, but if it is we should certainly advise you to get in touch with the agents who sold it to you. Try reversing the connection to the a.c. mains.

3. Is it necessary for a beverage aerial to follow the contour of the ground?—No.

4. What is the optimum length of a beverage aerial?

A.: That was very fully explained in an article which was published in the "Radio Record" of October 3, 1930.

5. Could my set pick up the hum radiated by an electric sub-station?

A.: It is quite possible that this hum is a form of interference. A filter such as described recently placed between the main and the set would minimise high-frequency hum. It appears, however, that the hum is in your set.

6. I have been troubled with a certain amount of noise on wet nights, but was told nothing could be done.

A.: Something can be done. If you are getting noise on wet nights it certainly shows that there is a defective insulator, and it is in the company's power and their interest to rectify this error, as power is being wasted in wet weather.

X. Y. Z. (Whangarei): With reference to connecting phones to an a.c. set as described in the "Radio Record," is it necessary to disconnect the moving-coil speaker when the phones are being operated?

A.: If you want quietness you can disconnect your speaker, but you must note that it is necessary to do more than pull out the plug connecting the set and speaker, for in nine cases out of ten the field coil is connected in that plug and you would be pulling it out preventing your set from operating.

2. Is any hum produced in the phones when the set used has a slight hum on the speaker?

DX Notepaper

DX'ers! Write for that verification on D.X. notepaper and avoid missing out important details. Takes a quarter of the time to write out, too. Obtainable from P.O. Box 1032, Wellington, in two-dozen lots (minimum order), price 1/6, or six dozen for 4/-, post free. Special paper for club members.

A.: Yes, it would be magnified on the phones.

3. Is there any danger if instructions are carried out carefully?

A.: No. The whole point to note is that the piece of brass that is slipped under the plate of the power valve does not touch the metal chassis. If it does you will short circuit one of the power pack, and cause it to burn out. If this precaution is observed there will be no danger.

TETRODE (Christchurch):—Would a tone control be of any use for DX work to clear up blurry stations?

A.: A tone control will certainly cut out some of the noise, but we would not go so far as say that it would improve DX work. Sometimes, when conditions are bad, it makes listening more pleasant.

2. Is my circuit suitable for DX work?

A.: Yes. You should get good results.

G. F. (Ohura):—Where are the "harmonics" of 2YA and 4YA nowadays? Do they come in anywhere in New Zealand?

A.: The tendency is in foreign transmitters to suppress the harmonics as they represent waste energy and also congest the ether. Every now and again improved filters are placed in the output circuit of transmitters and the harmonics suppressed. The harmonics of 2YA and 4YA can still be heard fairly close to the transmitters themselves.

DXT (Stratford):—If I increase the height of my aerial by 30 feet, and brought the lead in insulated through a pipe earth at both ends, would my reception be improved?

A.: You will probably improve your reception by raising your aerial, but it is a bad practice to bring it in through a pipe earthed at both ends.

2. Would my set operate as successfully with that amount of lead in (90ft.), or could you suggest a better way?

A.: It would be better to take your lead in direct to your house without it going near the ground level; in fact, it would

probably be better to do so than to take it through the pipe.

A. LADDIN (Auckland):—I have a 5-valve battery set. What are the correct valves?

A.: Four 221 and one B605 if you wish to use a 6-volt accumulator. If you are using a 4-volt valve those you have in at present are as good as any.

2. I have constructed the "Sparrow Hawk" adapter, but the set oscillates on only 20 points of the dial using the 80-metre coil.

A.: You need more turns on the reaction coil on the 80-metre coil. Add, say, another 3.

3. I wish to experiment with coils. Generally speaking, what is the ratio of the secondary to primary coil, or where can I get coil information?

A.: An article dealing with this subject appeared in the "Radio Record" not very long ago. Generally speaking, the following formula can be used on a rough basis, where:

$$P = \frac{T}{\sqrt{\frac{200,000}{R}}}$$

where P = primary turns, T = sec. turns, R = valve impedance.

RAIL (Huntly): When I switch on my set it works perfectly for a few minutes and then gradually decreases in volume until it reaches about half its ordinary volume; then it will not oscillate on the short-wave coils.

A.: Are you quite certain your battery is in good condition? To us it sounds very much like a defective accumulator. You should have told us more about your batteries, because it appears that the trouble lies in this quarter. It may be one of your valves, possibly the detector.

LEARNER (Lower Hutt): I have built a "Differential One," and have had good results, but 2ZW, instead of being below 2YA, is above it.

A.: Are you quite certain your dial is not back to front, or is not in harmony with the condenser?

2. Is the type of choke I mention suitable for both broadcast and short-wave?—A.: Yes.

3. Is A609 or 201A suitable for the "Differential One"? I notice no difference.

A.: Both these valves are quite sufficient and will do the job equally well. They would both do for the "Diff." too.

(You note that we have a limit of three questions.)

RIFLE (Enfield): Will a long aerial give better results than a short one with my five-valve set?

A.: If you are well away from interference and interfering stations the longer the aerial the better.

2. About what would be the correct length for such an aerial?

A.: As long and as high as you can get it, say 150ft. in all.

3. Can the lead-in be taken from any part of the aerial or must it be taken from one end?

A.: It is preferable to take it from the end nearer the set. It could be taken from the exact centre, but then the effective length would be that of the lead-in, half the length of the aerial.

S. O. S. (Dunedin): Which is the better set, the Differential One or the Sparrow Hawk One, and why?

A.: There is really no difference, as they both employ almost the same circuit. The Differential One was described in

such a manner that if it is built up it can be added to at a later date. The Sparrow Hawk is a complete one-valve set.

2. How long would a 45 a.h. 2-volt "A" battery last on a one-valve set?

A.: Six or eight weeks without being charged.

3. Why is the rheostat used in the Differential One?

A.: To control the filament voltage. It can also be used as a switch, for most rheostats are arranged so that the circuit can be broken when they are turned to their minimum reading. Many valves can operate better when the filament voltage is a little below the manufacturer's recommendation. For this reason a rheostat is incorporated in most sets.

SHORT-WAVE (Wellington): The output transformer is marked B+ and plate. Which one goes to the positive and which to the negative of the output terminals on the set?

A.: We cannot get the strength of your question. Your best plan would be to take your transformer into a dealer and ask him how to connect it.

DX600C: Why do we get more static from 900 k.c. upward than we do from that number downward?

A.: Because most sets are more sensitive as the higher frequencies are reached and consequently they bring in more static.

2. Are English valves good ones to substitute for the American ones now in my a.c. set?

A.: Yes, they are entirely satisfactory.

NOT SURE (Huntville): I am contemplating building the Kestrel three, and would like to be cleared up on the following points:

1. Which screen grid valve is the most suitable, U.X.232 or P.M.12?

A.: There is very little difference between the two valves. You must remember, of course, that the positions of the terminals is different in those valves, for in P.M.12 the plate is at the top, whereas in 232 the grid is at the top.

2. Is the three ohm. rheostat suitable for control of volume?

A.: In a set such as this with a valve taking a very small filament current, three ohms is not sufficient. A 30-ohm. would be better, and it will then act as a very suitable volume control.

3. Will it damage a B eliminator if the high voltage terminal is not used?—No.

E. D. G. (Christchurch): Why can we not get America on our set?

A.: Getting America very much depends upon your locality, and we think (Concluded on page 29.)

A. J. PARK & SON

Patent Attorneys

Routh's Buildings,
Featherston Street,

WELLINGTON

"The Valve With the

TRAIL BLAZER OF



Life-like Tone."

THE INDUSTRY

Specially selected by
Manufacturers because

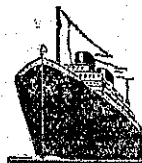
America's Leading Set
of their reliability.

OBTAINABLE AT ALL GOOD RADIO DEALERS.

**JOHNSON'S WIRELESS
AND RADIO SCHOOL**

There is remunerative employment for qualified radio men on shore and ship. The up-to-date methods of instruction and modern equipment provided at the school enable the student to obtain a most thorough and practical course. All papers connected with the Correspondence Course are promptly corrected in New Zealand.

Day and night classes for Professional Certificates. Correspondence Classes for Professional Certificates. Correspondence Classes for Amateurs and others. Write for Particulars to Department A.
JOHNSON'S WIRELESS & RADIO SCHOOL,
St. George Buildings,
8-10 Brandon Street,
Wellington.



A Dual Wavetrapp

Will Keep Both 2YA and 2ZW from Spreading

SINCE "B" class stations have commenced to operate in the cities owners of unselective sets have been troubled with not only the separation of those stations, but also with the clearing of them from the remainder of the dial. It has been found that a simple wave trap will reject one station and allow the alternative programme to be listened to without interference. But owners of three and four-valve sets have found the blotting of a large portion

Parts List for the "Dual" Trap

2 type G Formodensers
2 terminals
Four inches of 3in. former
1lb. 26 d.s.c. wire.
Switch (single)
Panel, 7in. x 4in.
Three-ply base board, 7in. x 4in.

of the dial by the untrapped station a serious handicap to D.X. work. The function of the dual wave trap is to cut out both stations simultaneously.

Simplicity of control and cheapness have been attained by the use of semi-variable condensers, or, as they are better known, Formodensers. Once these are adjusted, the wave trap is set for all time, conditional upon the aerial and the set remaining unchanged. It can be used in conjunction with any set, and it is easily made and quite inexpensive.

It will be noticed that there are two coils and two condensers, the function of each circuit being to reject one station.

Constructing the Trap.

WE shall first deal with the construction of the wave trap and then explain how it is to be worked. The parts necessary for the standard trap are shown in a panel.

First build up the coil by taking about four inches of three-inch dia-

Special Notice to COUNTRY LISTENERS

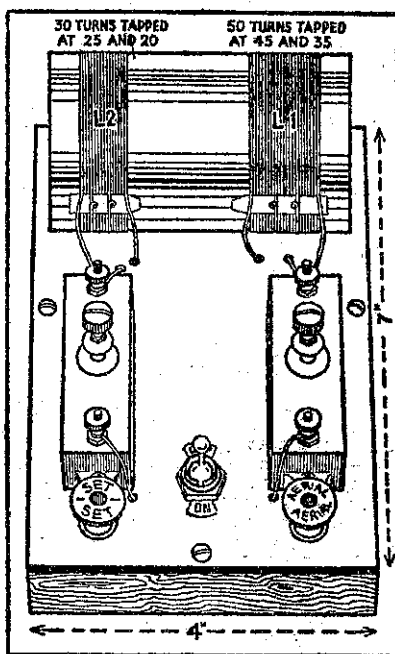
The C.A.S. (Country Accessories Supply) aims to remove the disability of the Country Listener. Why pay more and get what you don't require when you can get exactly what you want at city prices from the C.A.S.?

All our stocks are guaranteed—we know you will be satisfied if you try us.

We specialize in "Radio Record" sets. Write us for information.

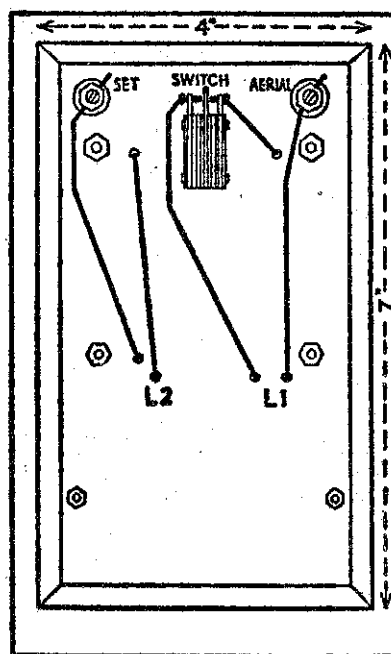
—THE—
C. A. S.

29 VENTNOR STREET, SEATOUN,



The layout plan.

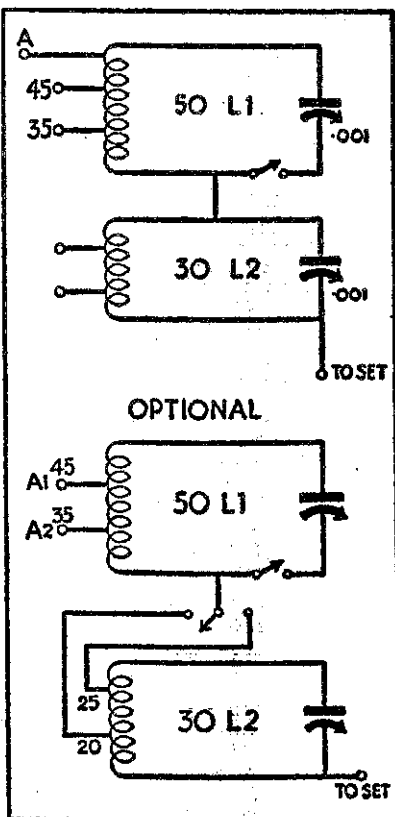
meter former and winding upon it the two coils. Use 26 d.s.c. wire. L1, for trapping out 2YA, consists of 50 turns tapped at the 45th and 35th turns, while the smaller coil L2 consists of 30 turns tapped at the twentieth and twenty-fifth turns. It is not altogether neces-



Wiring from underneath baseboard.

sary to put in these taps for the numbers of turns given have been arrived at after a great deal of experimenting and are correct for 2YA and 2ZW. Taps can be put in and connected up as shown in the optional circuit when conditions demand some deviation from the standard. This arrangement will be of use in cities other than Wellington.

It is necessary to separate the coils by a matter of some two inches or so, the exact distance not being critical.



Theoretical sketch.

Taps may be made by twisting portion of the wire on the desired turn and afterward cleaning and soldering it, or by slipping a piece of non-inflammable material under the desired turns when the job is finished, cleaning the portion of the wire and soldering on the leads, using heavier wire for the purpose.

The coil is to be mounted horizontally, and in order to keep the wire off the baseboard, two separators must be made to fit between it and the coil. A couple of fair-sized nuts will do splendidly for this purpose. Small separa-

Coil Specifications

Former 3in. diameter wire 26 d.s.c.
L1 50 turns tapped at 45th and 35th turns.
L2 30 turns tapped at 20th and 25th turns

Most effective results on 2YA and 2ZW have been obtained by using the whole of both coils.

tors of wood could be pressed into service.

Layout and Wiring.

THE layout of the remainder of the components should present no difficulty, as all positions are shown clearly in the diagrams. Wiring is a simple operation, but it must be noted that a considerable amount of it goes underneath the baseboard, which is held from resting on the ground by either slats of wood or by a suitable frame. The latter makes the neater job.

(Concluded on page 30.)

A Marvellous Improvement

is noticed when you change your OLD VALVES for a set of Triads.

TRIAD VALVES

are manufactured in U.S.A. under full RCA Patent License.

Six Months Guarantee

Although low-priced, Triad Valves are fully guaranteed. We test every TRIAD we sell on a SUPREME TESTER, and give our OWN SIX MONTHS' GUARANTEE on a proportional basis on EVERY VALVE WE SELL.

These are the Prices of Triad Valves:

224.....23/-	280 15/-
227.....12/-	247 Pentode ... 22/-
245.....15/-	551 Variable Mu 26/-

POST FREE—SAFE DELIVERY GUARANTEED.
All other types in stock—Send for List.

Renew Your Valves Now!

SPECIAL OFFER.—Where a full set of not less than 5 valves is ordered, a special discount of 10% will be made. Orders of 5 or more valves are obtainable on EASY TERMS—one-third cash with order.

JOHNS LTD.,
CHANCERY STREET, AUCKLAND.



Our Guarantee!!

If any goods prove unsuitable they can be returned to us within seven days, and your money will be refunded in full. Postages must be included with all orders under £1.

5/6 Marconi Valves 5/6
Less than half price.

Type DEH 410 H.F. and
Detector 4-volt VALVE.
Only consumes .1 amp. UX
base. Listed at 13/6.

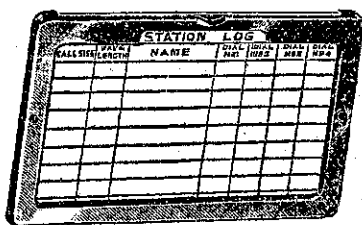
Now 5/6
Type DEL 410 are special
LF valves—4-volt, .1 amp.
UX base. Listed at 13/6.

Now 5/6
Other Special Valve Values
Include:

Cosmos 2-Volt General
purpose valves—UX or
Eng. base. 2/6 each
Radio Micro, 3 to 4-volt
.06 amp. General purpose
valves, U.V. 2/6 each
Philips type C507 (201A)
6-volt, with Eng. bases.
3/6, and we throw a valve
socket into the bargain.
Philips D type valves,
with UV bases. These
types are only recom-
mended for experimenting.
6d. each

Electron UV199 — Only
suitable for sets using
small UV sockets 3 to
4-volt. 3/6 each
A limited number of
Speed AC valves adver-
tised last week are still
available.

Radio Accessories



SECKOREN

Station Log Cards—Neat cards for keep-
ing a log of stations received. Complete
with brown bakelite frame. 2/6 each
Midget Single Circuit Jacks— 9d. each
Phone Plugs— 10 1/2d. each
Miniature Double-throw Double Pole
Switches— 9d. each
Philips Audio Transformers, replacement
type. Usually 21/- . Now 15/- each
Freshman Variable Grid Leaks— 1/2 to 5
meg. Now 6d. each
Muter .00025 and .0005 Fixed Conden-
sers— 6d. each
Collet's Assorted Lugs, in packets—

1/- packet
Miniature Porcelain Holders, for Torch
Lamps— 9d. each
Variable 2-Coil Holders— 1/- each
5 ohm. De Forest Rheostats— 6d. each
O.C. Panel Brackets, 6in. x 6in.— 1/- pair
Pilot Panel Lamp Brackets— 6d. each
Resin Cord Solder, in 36 inch coils— 6d. coil

Assorted N.P. Angle Brackets. Sizes vary
from 3-8in. x 3-8in. to 7-8in. x 7-8in.
1/- dozen

Lewcos Frame or indoor Aerial Wire.
Silk insulated and flexible. 100ft. coils.
3/6 each

Davon 1/2 Meg Resistors (or grid leaks)—
1/- each

5-Wire Battery Cables, each 5ft. long,
complete with lugs. 2/3 each

7-Wire, ditto— 2/6 each
Lur .0001 Double Spaced Short Wave
Variable Condensers. Were 10/6.

Now 8/6 each

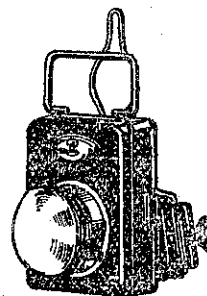
Useful Electrical Novelties



BEDSIDE LAMP— This
dainty bedside lamp is a
most useful night light
or sick room lamp. Light
is supplied from a torch
battery in the base.

Only 4/11 Complete.
Spare Batteries 6d. each.

CYCLE LAMP—You get
a really strong bright
light from this cycle
lamp, which is supplied
complete with bracket.
Price 3/11 Complete.
Spare Batteries 6d. each.



FOUNTAIN PEN TOR-
CHES—No larger than an
ordinary pen, yet ever so
handy on a dark night,
and it shows a bright
beam of light.

Now 3/6 complete.
Spare Batteries 9d. each



BELLS, Etc.—

Iron cased Bells, with 2 1/2
in. gong. Were 4/6.

Now 2/11

Iron cased Buzzers. Were
4/6. Now 2/11

Wood Bell Pushes. Were
1/3. Now 9d.

Bakelite Bell Pushes.
Were 1/6. Now 1/-

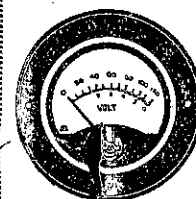
Bell Staples (insulated).
1/6 pkt. of 100

I.R. and D.C.C. Bell Wire
(100yd. coils). Were 7/6.
Now 4/11



Ray-O-Vac Torches

Electric Lamps



X-MIT SPECIALS.
Moving Coil Meters.
The following rang-
es are available:
0 to 100 volts, 0 to
1 mil. amps., 0 to 5
mil. amps. and 0 to
30 mil. amps. These
meters are guaran-
teed accurate.
Panel mounting
2 1/2 in. diameter. Us-
ually 27/6.
Yours for 22/6 each
4in. Glazed Porce-
lain stand-off In-
sulators .2/3 each
5in. ditto, 9/8 each

RCA 103

These mag-
netic
Speakers are
valued at 9/-
one at 63/-,
not miles
your pres-
ent return it and
fund your m-

Philips Type 3002

Amplion AC9

B Batte-
ries are
slightly
them g-
price of
carry 1
volts a
allow y
Speaker
case.
are un-

THE ELECTRIC LAMP HOUSE

32 Courtenay Place

27 MANNERS ST., WELLINGTON

Burlingame

e-organisation

need not prevent you from participating in our genuine and complete
ation Sale, now in full swing! There's £5000 worth of Radio and Elec-
ds being sacrificed below pre-war prices. Scan these lists—select what
then pop your letter-order into the mail box. Such low Sale Prices as
too good to miss!

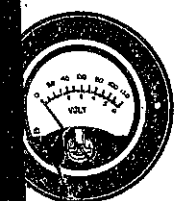
Ray-O-Vac Torches

Electric Lamps

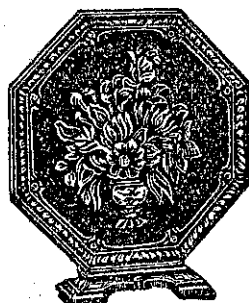
300ft. range focusing torches. These three-cell nickel plated torches focus a beam of light for 300 feet. This is the greatest torch value we have ever offered. Usually 12/6.

Now 5/11 complete. 75 watt, $\frac{1}{2}$ watt Electric Lamps. You obtain 120 candle power of light from these $\frac{1}{2}$ watt lamps, yet they only consume 75 watts. If you want a really good light and a low cost, mail your order now. Listed at 4/3.

Now 2/11 each.

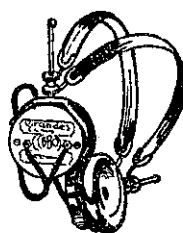


IT SPECIALS.
ing Coil Meters,
following rang-
are available:
100 volts, 0 to
11. amps., 0 to 5
amps., and 0 to
11. amps. These
ers are guaran-
accurate.
nel mounting
diameter. Us-
y 27/6.
rs for 22/6 each
Glazed Porce-
stand-off In-
tors .2/3 each
ditto, 9/8 each



ROA 103

These magnetic Cone Speakers are usually re-
talled at £7/7/-. Try
one at 63/-. and if it is
not miles better than
your present speaker,
return it and we will re-
fund your money in full.



BRANDES—

Yes, still a few
left. Brandes 4000
ohm. matched
Headphones.

Usually 15/-.

Sale Price 10/9 pr.

Philips Type 3002

Amplion AC9

B Battery Eliminators.—Because two of these
are slightly shop soiled we are prepared to let
them go at £6/15/- each, instead of the usual
price of £8/10/-. They are brand new, and
carry 12 months' guarantee. Will supply 150
volts at 30 milliamperes. Six B+ tapings
allow you fine adjustment.
Speakers, in beautiful polished mahogany wood
case. For tone and sensitivity these speakers
are unequalled.

Reduced from £5/5/- to 50/-



Portable Gramophone and Free Records

We have not only reduced the price from £7/7/-
to £5/5/-, but we are also giving 6 records away
free with every portable bought during this sale—
Here are the specifications:—

CASE—Exceptionally strong. Length 15 3/8 in.
Width 11 3/8 in. Height 8 3/8 in. Covered with
finest quality Waterproof Grained Cloth. Fitted
with patent hinges. Two strong Spring Clips with
locks and key complete. Corners fitted with steel
protectors, and bottom corners fitted with rubber
cushions. Record Flap in lid will carry six re-
cords. Swan Necked Tone Arm. Patent Ball Cup
Needle Holder. Strong Carrying Handle.

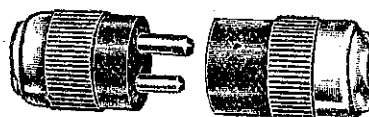
IMPROVED TYPE Metal Sound Box.
MOTOR—Finest British. Silent winding and run-
ning. Fitted with Unit Plate and
Automatic Stop. 10-inch Turn-
table.

COLOURS—Can be supplied in
Black, Maroon or Dark Blue.
Net Weight—15lb.

Only £5/5/-



Sundry Parts



Two piece Cord Con-
nectors— 1/6 pair

12in. Folding Steel

Rules— 6d. each

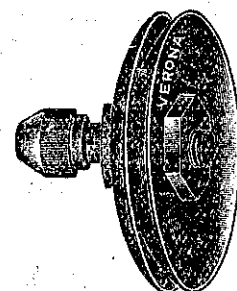
60ft. hanks Special

Treated Aerial Rope—

3/- hank

Black Pointer Knobs

(1/4 in. holes)— 6d. each



Cone Washers. 1/- set

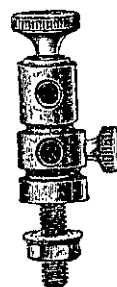
1, 2. and 3 meg. Grid

Leaks— 9d. each

100ft. Coils 7/32 En-

amelled Aerial Wire—

4/6 each



Double hole Telephone
Terminals NP (illus.)
4d. each



N.P. Single Panel
Switches— 1/3 each
N.P. Double (with two
Switches), ditto—

2/3 each



Insulated Spade Term-
inals (illus.)— 3d. ea.

MP HOUSE

Burlington Arcade, Cuba St.

FEATURE PEEPS

... at ...

FUTURE PROGRAMMES

SUNDAY From Auckland

DURING the afternoon listeners will hear some of the numbers to be played by Mr. Maughan Barnett, city organist, in the Auckland Town Hall. The divine service from St. Matthew's Church will be relayed at 7 p.m., the preacher being Canon Grant Cowan, and the organist and choirmaster Mr. J. H. Philippott. After the service a studio concert will be presented, during which two quartets will appear, the Savoy Male Quartet and the Whisker Instrumental Quartet. Both these combinations are already well known for their artistic performances.

Notes from Wellington

THE evening service in the Vivian Street Church of Christ will be relayed. The preacher will be Pastor W. G. Carpenter, and the organist Miss Hazel Hunter. At 8.15 p.m. a concert by the Royal Naval Volunteer Reserve Band, under the conductorship of Mr. Harry Baker, will be relayed from the de Luxe Theatre.

3YA Items

THE service in Durham Street Methodist Church will be broadcast, the preacher being the Rev. P. N. Knight, the choirmaster and organist Mr. A. Wellbrook, L.A.B. 4YA's studio concert will be broadcast at the conclusion of the service.

Dunedin Notes

THE service to be conducted in the Central Mission (Methodist) will be on the air, the preacher being the Rev. L. B. Neale, and the organist Mr. Mortley Peake. The after-church studio concert will be provided by well-

known 4YA artists. A quintet conducted by Mr. A. H. Pettitt will provide the instrumental music.

MONDAY 1YA Features

THE station will be on the air to broadcast the Walker v. Buresh wrestling match.

Notes from Wellington

The "Musical Portrait" series at 2YA will be continued by Bernard Page, who, with Leon de Mauny, will present Leken's "Sonata in G Major" (for piano and violin), a work of singular beauty.

Leken was born in 1870 and died at the early age of twenty-four. Listeners are assured of an outstanding performance in the rendition of this work. Merle Miller, mezzo-soprano from Christchurch, will be heard in the beautiful "Agnus Dei" and "In the Silence of the Night," as well as in two of Schubert's songs. Ernest Short's numbers will include Schubert's "Erl King" and Homer's rather gruesome song, "The Pauper's Drive."

3YA Programme

TO-NIGHT will be "Port Lyttelton Night," an entertainment entirely of a nautical nature.

During the evening the station will switch over to the Lyttelton Borough Council table, where the Mayor, Mr. F. E. Sutton, will be presiding at a meeting. The meeting will be interrupted while Mr. Sutton addresses radio listeners on "Port Lyttelton—Past and Present." One of the contributors to the musical programme will be Myra Sutton, daughter of the Mayor.

Dunedin Topics

A TALK on "The Stock Exchange" will be broadcast by Mr. L. Malcolm, a member of the Dunedin Stock Exchange. The speaker for the International Programme will be the Rev. H. Davies, M.A., speaking on "China and her international relations." Mr Davies is a missionary who has spent many years in China and is at present on furlough.

TUESDAY 1YA Items

THE speaker on the international programme at 1YA will be Dr. E. P. Neale, secretary of the Auckland Chamber of Commerce. His subject is "Some Aspects of International Trade."

Notes from 2YA

THE concert will be of the popular type. The Melodie Four will delight listeners with an excellent selection of solos and quartets, outstanding among which will be two solos by Sam Duncan, tenor, "Macushla" and "Passing By." Wally Marshall will be heard in "Rocked in the Cradle of the Deep." The quartet numbers will include "Timbuctoo," "Little Alabama Coon," "Last Night," and "I Love You Truly." Featured on the programme will be Merle Miller, who will be heard in four songs with orchestral accompaniment: "Angel's Serenade," "Coming Home," "The Garden of Your Heart" and "My Hero." The Salon Orchestra will supply the incidental music and selected electrical recordings will be included in the programme.

4YA Selections

UNDER the auspices of the W.E.A., Mr. Lloyd Ross will speak from 4YA on "The Passion Play."

Handel's famous oratorio "Judas Maccabaeus," which is to be presented in the Dunedin Town Hall by the Dunedin Choral Society, will be broadcast.

The soloists will be Winnie Fraser, Molly Vickers, R. A. Mitchell, and F.



MRS. VICTOR MACKAY,
President and Founder of N.Z. League of Penwomen, who have broadcast special concerts from 1YA.

Featurettes

"Port Lyttelton Night"

3YA, Monday.

"Judas Maccabaeus"

4YA, Tuesday.

Orchestral Instruments

1YA, Wednesday.

Orpheus Musical Society

2YA, Thursday.

University Debate

2YA, Friday.

"Songs of Other Days"

4YA, Friday.

WEDNESDAY

Notes from Auckland

THE community-singing will be relayed from the Auckland Town Hall at 12.30 p.m. Under the auspices of the Department of Health, Dr. A. Henderson will speak from 1YA, the subject being, "What to do till the Doctor Comes."

Two new artists on 1YA's programme, Mrs. J. S. Smith, a very fine soprano with English training, and W. H. Harvey, bass, a former member of the Christchurch Cathedral Choir. Sid Sly, the new trombonist of the 1YA Orchestra, will play, with orchestral accompaniment, Schubert's beautiful song, "Am Meer."

Recently, the 1YA Musical and Dramatic Advisory Committee recommended the broadcasting of a series of illustrated musical lectures, and on this programme Mr. H. Hollinrake, Mus. Bach, M.A., Director of Music at the Auckland Training College, and of the W.E.A., will talk on the instruments of the orchestra, taking the violin and the viola.

These talks are designed for those who wish to enjoy to the full this particular branch of entertainment. Instrumental items will be given by the 1YA Orchestra, under the direction of Harold Baxter.

Selections from 2YA

IN the afternoon the Australia v. Maoris' match will be relayed from Palmerston North.

Dr. Guy H. Scholefield, O.B.E., will be the lecturer on the 2YA international programme.

Selections from 3YA

CONCERTED, solos and vocal numbers will be broadcast by the Salon Quartet. Lucy Fullwood will contribute pianoforte solos and the remainder of the instrumental portion of the programme will be provided by the Studio Octet, under Harold Beck.

4YA Notes

A NEW combination of artists from the studio of G. W. Johnstone, one of Dunedin's leading tutors, is scheduled to appear.

MAKE RECORDS OF YOUR VOICE WITH THE "CAIRMOR" HOME-RECORDING ATTACHMENT.

Just Landed from England.

The Outfit Includes:

Microphone, transformer and battery, recording pick-up, tracking device, Sapphire stylus, blank aluminium records, packet fibre needles and full instructions.

"Cairmor," used in conjunction with a gramophone (ordinary or electric) and a wireless set, is capable of making perfect records of voice singing, wireless programmes, etc. Price £27/17/6.

Direct from

RADIO HOUSE,
BOX 7, HAMILTON.
The Home of 12H.

Mr. Johnstone, who possesses a beautiful baritone voice of exceptional quality, and interpret his songs with splendid effect, will sing Schubert and Schumann songs, and in addition will be heard in a duet, "Twilight," with Beatrice Sproston. Rona Thompson, pianist, will present "Concert Study in D Flat," by Liszt. This work is a difficult composition which requires artistry on the part of the pianist. The remainder of the instrumental portion of the programme will be left in the capable hands of the Wallace, Baker, Moffatt trio. Those who appreciate Mr. Johnstone's outstanding work in musical circles in Dunedin will look forward with great pleasure to this evening's entertainment, presented as it is by such talented and accomplished artists.

THURSDAY

Winter Tonics

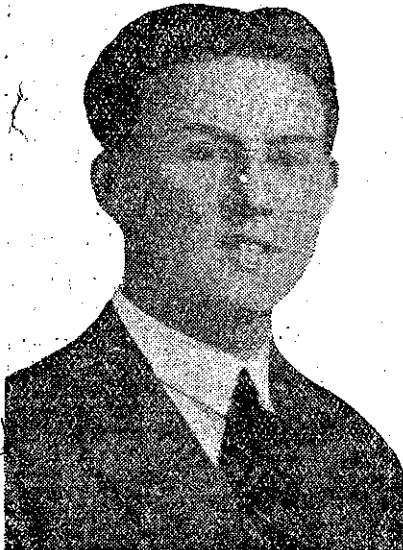
THE home science talk from 1YA, 2YA and 3YA, prepared by the Home Science Extension Department of Otago University, will be on "Winter Tonics."

Auckland Features

THE programme will be given by the Auckland Society of Musicians, whose previous performances at this station have attained a high standard. Instrumental items will be given by a trio consisting of Jean Allen, Marjorie Marks and Margot St. Lawrence Jones, and by Gladys Searell, who will be heard in pianoforte solos. Barry Coney, the well-known artistic baritone, will render several numbers, including "Vision Fugitive" (from Massenet's "Herodiade") and, with Len Barnes, the duet, "The Lord is a Man of War," from "Israel of Egypt" (by Handel). Mr. A. B. Chappell, M.A., will resume his Topical Talks, which have always proved so popular and informative.

Items from Wellington

AT 7.40 p.m. Mr. Johannes Andersen will continue his series of lectures on "Maori Folk Lore."



TERENCE O'BREIN.

tenor. A well-known broadcaster from 2YA.

The station will relay from the Blue Triangle Hall a concert to be given by the Orpheus Musical Society, under the direction of Mr. Harison Cook. This will take the form of the presentation of two small cantatas, "Tubalkain" (by Dunhill) and "The Coffee Cantata" (by Bach).

The soloists will be Jeanette Briggs (soprano), Ray Kemp (baritone) and Roy Hill (tenor). Instrumental solos will be given by Claude Tanner (cellist).

Selections from 3YA

THE lecturer for the international programme will be Mr. L. R. R. Denny, M.A., F.R.H.S., of Christchurch Technical College. He will speak on "Java," on which island Mr. Denny spent some time last year. He also attended the Students' International Conference in Geneva.

FRIDAY

Jottings from Auckland

INCLUDED in the studio programme will be "Lee Fore Brace," who, because of his sea stories, has become very popular at 1YA. To-night he talks on "The Limbo of Lost Ships." The 1YA Orchestra will play several selections, including the overture, "Peter Schmolli," "A Lover in Damascus," and the suite, "Three Famous Pictures."

Items from 2YA

THE programme will be devoted to the relay from the Victoria University College of a debate by the Victoria University Debating Society entitled "That this Female Freedom is a Farcical Failure."

The affirmative will be taken by Messrs. H. R. Bannister and H. J. Bishop; the negative by Messrs. M. Riske and A. E. Hurley. The chairman for the evening will be Mr. W. J. Mountjoy, junior.

Christchurch Programme

NANCY BISHOP, a well-known Ashburton soprano singer and reciter, who was heard on the air on the occasion of the recent Sunday evening relay, will make her debut from the studio. Baritone songs will be contributed by Mr. Chas. Dewhurst, old favourites being sung. S. G. Hoskins, pianist, will play two pieces, one of Chopin's and one of his own composition, "Thoughts." During the evening E. Iveagh Lord will deliver one of his series of talks on "The Story of the Golden Coast," on this occasion dealing with Kumara and Richard John Seddon.

Dunedin Topics

CAPTAIN H. M. McKAY, who, with Lieutenant White, recently achieved a very fine performance by flying to the Haast and back over the Alps to Dunedin, will speak at 7.30 on "Aerial Exploration in the Southern Alps."

The ever-popular Dagg's Band will be at the studio once again this evening. Assisted by the Selected Four and Bert Rawlinson, they will present an old-time programme entitled "Songs of Other Days."



CATHLEEN MULQUEEN,

who will take the role of Nerubudda in the "Legend of Nerubudda," to be broadcast from 1YA this Thursday.

New old-time songs will be performed this evening, a few of the items being "I've Rings on My Fingers," "Maggie Murphy's Home," "Sister Mary Walked Like That," "Where Did You Get That Hat?" and "Ship Ahoy!"

SATURDAY

Auckland Features

FROM the Auckland Town Hall the concert of the Auckland Municipal Choir, under the direction of Mr. Maughan Barnett, city organist, will be relayed.

2YA Features

THE evening session will be a relay from the Concert Chamber of the Wellington Town Hall of a concert by the Wellington Travelers and Warehousemen's Association Male Voice Choir.

From 3YA and 4YA

THE Phillips Sisters—a novelty duo—will prove a clever and entertaining couple, for they are accomplished in singing and playing the piano, and trumpet. The young lady who plays the trumpet is only fifteen, but her performance rivals many brass band soloists. These sisters will present popular melodies, interpreting them in a novel manner. E. J. Mee, a new radio artist, will sing "A Bachelor Gay," "Gipsy Love Song," and "When Irish Eyes are Smiling." Mr. Mee has had a very wide experience in front of the footlights, and has an exceptionally fine voice, capable of "putting across" any character of song, whether it be operatic or popular vocal.

Betty Hamilton will make her reappearance after an absence of some considerable time, and will sing, in addition to other numbers, "You Will Remember Vienna" (from "Viennese Nights") and "Along the Road of Dreams" (from "One Heavenly Night"), both very tuneful and delightful songs. Another artist who has not appeared at 4YA for some years is Ted Heaney, who will play popular selections on the piano-accordeon. Mr. Heaney is an outstanding artist with this instrument.

Another exceptional combination on the programme will be the Trumpet and Bugle Band of the 1st Battalion of the Otago Regiment under Lieut. L. Napier. Under excellent direction of Lieut. Napier, this band has reached a peak of excellence during the past three or four years. It is over forty strong, and each member is a capable trumpeter and bugler. It is really an inspiring experience to hear this brilliant band play such well known Army calls as the "Reveille" and "The Last Post." The arrangement of these calls, which has been left in the hands of Lieut. Napier, is most original, and the effect of the drums crescendoing up to forzado notes is excellent.

Miss Holland will present humorous items on this occasion, whilst a very able trio, consisting of Monsieur B. de Rose, Messrs. Pettitt, and L. Hunter, will play selections from "The Desert Song" as well as light intermezzos and gavottes.

"Radio Record and Home Journal"?

12/6 in Advance.

P.O. Box 1032, Wellington.

EVERY
HAM
NEEDS
ONE

Only
14/6
Each

Postage 1/-

Just Arrived—new high-grade Electric Soldering Irons, 230 volts, English manufacture, sturdily built, well balanced and does not over heat.

An Electric Iron simplifies soldering and is much quicker, handier and more economical than the old fashion solder iron.

GET YOURS NOW

L. B. SCOTT LTD.

THE BIG RADIO STORE,
Manchester and Worcester Sts., Christchurch.

Full Programmes for Next

[Copyright.—These programmes are copyright, but individual daily programmes may be published on day of performance.]

Sunday, September 6

1YA, AUCKLAND (875 KILOCYCLES)—SUNDAY, SEPTEMBER 6.

- 3.0 : Chimes. Selected recordings and relay of portion of organ recital from the Auckland Town Hall by the City Organist, Mr. Maughan Barnett.
- 6.0 : Children's session, conducted by Uncle Bert.
- 7.0 : Divine Service from St. Matthew's Church. Preacher: Canon Grant Cowen. Organist and choir-master: Mr. J. H. Philpott.
- 8.30 (approx.): Overture—Berlin State Opera Orchestra, "The Magic Flute" (Mozart) (Parlo. A5011).
- Vocal—Savoy Quartet, "In the Gloaming" (Harrison).
- Tenor—Mr. Bert Skeels, (a) "If I Might Only Come to You" (Squire); (b) "Birth of Morn" (Leoni).
- Baritone—Mr. Arthur Gally, (a) "Eleanore" (Coleridge-Taylor); (b) "When Swallows Homeward Fly" (White).
- Instrumental—Whisker Quartet, (a) "Turkish March" (Beethoven); (b) "Berceuse" (Gounod); (c) "Melody in F" (Rubenstein).
- Evening weather forecast and announcements.
- Selection—Band of H.M. Coldstream Guards, "Aida" (Verdi); "Introduction and Moorish Ballet" (H.M.V. C1339).
- Tenor—Mr. Frank Campbell, (a) "When You Come Home" (Squire); (b) "Passing By" (Purcell).
- Piano—Mr. Cyril Towsey, "Nocturne in B Major" (Chopin).
- Vocal—Savoy Quartet, "Cornfields Medley" (Parks).
- Cello—Gasper Cassado, (a) "Butterflies" (Hartz); (b) "Serenata Napolitana" (Sgambati) (Col. LO4).
- Bass—Mr. Sid Hislop, "Travellers All" (Loughborough).
- Instrumental—Whisker Quartet, (a) "Romance in E Flat" (Rubenstein); (b) "Barcarolle" (Offenbach); (c) "Chanson Triste."
- Vocal—Savoy Quartet, "Until" (Sanderson).
- Band—H.M. Coldstream Guards, "Aida" (Verdi); "Grand March and Finale" (H.M.V. C1339).
- God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, SEPTEMBER 6.

- 3.0 : Afternoon session of selected gramophone recordings.
- 6.0 : Children's song service, conducted by Uncle George, and assisted by the Children's Choir from St. James' Presbyterian Church.
- 7.0 : Relay of evening service from the Vivian Street Church of Christ. Preacher, Pastor W. G. Carpenter. Organist, Miss Hazel Hunter.
- 8.15 (approx.): Relay of concert by the Royal Naval Volunteer Reserve Band from the De Luxe Theatre (Conductor, Mr. Harry Baker).
- God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, SEPTEMBER 6.

- 3.0 : Gramophone recital.
- 5.30 : Children's song service by children from Methodist Sunday Schools.
- 6.15 : Chimes from studio.
- 6.30 : Relay of evening service from Durham Street Methodist Church. Preacher, Rev. P. N. Knight. Organist and Choirmaster, Mr. A. Wellbrock, L.A.B.
- 7.45 : Musical recordings from studio.
- 8.15 (approx.): Relay of evening programme from 4YA, Dunedin.
- 10.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, SEPTEMBER 6.

- 3.0 : Selected recordings.
- 5.30 : Children's song service, conducted by Big Brother Bill.
- 6.15 : Instrumental recordings.
- 6.30 : Relay of evening service from Central Mission (Methodist), Dunedin. Preacher, Rev. L. B. Neale. Choirmaster, Mortley Peake.
- 7.45 : Selected recordings.
- 8.15 : Studio concert. Selection—Instrumental Quintet (under A. H. Pettitt), "Gressenhal Suite" (for strings and piano) (Woods).
- 8.27 : Tenor and baritone—Messrs. John T. Leech and Wm. Ruffell, (a) "A Streamlet of Flowers," (b) "From Far Away" (Caracciolo).
- Contralto—Miss Dorothy L. Stentiford, "When All Was Young."
- 8.37 : Cello—Cedric Sharpe, (a) "Consolation" (Liszt—arr. Sharpe); (b) "Chant Sans Paroles" (Tschalkowsky) (H.M.V. B2487).
- 8.43 : Selection—The Quintet, "Three Norwegian Dances" (Mullen).
- 8.54 : Baritone—Mr. Wm. Ruffell, with orchestral accompaniment, (a) "Drake Goes West" (Sanderson); (b) "Village Blacksmith."
- 9.0 : Evening weather report and station notices.
- 9.2 : Orchestral—Berlin State Opera Orchestra, "Schwanda, the Bagpipe Player" (Weinberger) (Parlo. A4285).
- 9.10 : Contralto—Miss Dorothy L. Stentiford, (a) "Big Lady Moon" (Coleridge-Taylor); (b) "A Dedication" (Franz).

- 9.17 : Selection—The Quintet, "Nuits Algerienne" (Chapellier).
- 9.29 : Duet (tenor and baritone)—Messrs. John T. Leech and Wm. Ruffell, (a) "A Flight of Clouds," (b) "Nearest and Dearest" (Caracciolo).
- 9.35 : Chorus—Light Opera Company, (a) "Songs of England," (b) "Songs of Wales" (H.M.V. C2040).
- 9.43 : Intermezzo—The Quintet, "Chanson Russe" (Krein).
- 9.49 : Tenor—Mr. John T. Leech, "Flower Song" (from "Carmen") (Bizet).
- 9.53 : Selection—The Quintet, (a) "Old Vienna" (Drdla); (b) "Hungarian Dance No. 1" (Brahms).
- 10.1 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, SEPTEMBER 6.

- 6.0 to 6.45 : Children's Sunday Service.
- 8.15 to 10.0 p.m. : Concert programme.

Monday, September 7

1YA, AUCKLAND (875 KILOCYCLES)—MONDAY, SEPTEMBER 7.

- 8.0 : Relay from Town Hall, description of Wrestling Match—Walker v. Buresh.
- God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—MONDAY, SEPTEMBER 7.

- 10.0 : Chimes. Selected gramophone recordings.
- 11.12 : Lecturette—"Cooking."
- 11.37 : Lecturette—"Health Hints or First Aid."
- 12.0 : Lunch hour music.
- 2.0 : Selected recordings.
- 3.30 and 4.30 : Sporting results to hand.
- 5.0 : Children's session, conducted by Uncle Jeff.
- 6.0 : Dinner music session (H.M.V.)—Royal Opera Orchestra, "Sylvia" Ballet—Pizzicato and Procession of Bacchus (Delibes) (C1418).
- Marek Weber's Orchestra, "Coeur Brise" (Gillet) (B3026).
- Organ—Charles W. Saxby, "Les Millions D'Arlequin" Serenade.
- Mandoline Concert Society, "Echoes of the Volga" (Ritter) (C1936).
- Marek Weber and His Orchestra, "The Beggar Student" (Millocker).
- H.M. Coldstream Guards Band, "Faust" Selection (Gounod) (C1877).
- The London Orchestra, "Valse Memories" (arr. Somers) (Zono. 5257).
- Organ—Chas. W. Saxby, (a) "Spring Song"; (b) "Bees Wedding."
- Marek Weber and His Orchestra, "Menuett No. 1" (Paderewski).
- Piccadilly Orchestra, "The Waltz Dream" (Strauss) (B2684).
- 7.0 : News, market reports and sports results.
- 8.0 : Chimes. Orchestral—Berlin State Opera House Orchestra, "Preciosa" Overture (Weber) (Parlo. A4076).
- 8.8 : Baritone—Mr. Ernest Short, with orchestral accompaniment, (a) "The Erl King" (Schubert); (b) "Three" (Aylward).
- 8.13 : Soprano—Mrs. M. J. Goodson, Aria and Rondo from "La Sonnambula" (with orchestral accompaniment) (Bellini), (a) "Ah non Credea"; (b) "Ah non Guingue."
- 8.18 : Musical Portrait series—Recital by Mr. Bernard Page (piano) and Mr. Leon de Mauny (violin) "Sonata in G Major" (Lekeu).
- 8.48 : Mezzo-soprano—Miss Merle Miller with cello and organ accompaniment—"Agnus Dei" (Bizet), with orchestral accompaniment, "In the Silence of the Night" (Rachmaninoff).
- 8.54 : Instrumental—2YA Orchestra (Conductor Signor A. P. Truda) "March Heroique" (Saint-Saens).
- 9.0 : Evening weather report and station notices.
- 9.3 : Piano—Ethel Leginska, "Impromptu No. 3 in B Flat Op. 142."
- 9.11 : Soprano—Mrs. M. J. Goodson, "Song Cycle—Summer-time" (Landon Ronald) (cello obbligato by Miss Kathleen Goodson).
- 9.20 : Baritone—Mr. Ernest Short, with orchestral accompaniment, (a) "The Curfew" (Gould), (b) "The Pauper's Drive" (Homer), (c) "The Crown of the Year" (Basthope-Martin).
- 9.29 : Instrumental—2YA Orchestra, "Polonaise" (from "Christmas Eve.")
- 9.35 : Mezzo-soprano—Miss Merle Miller, with orchestral accompaniment, (a) "To Music"; (b) "Who Is Sylvia?" (Schubert).
- 9.40 : Cello—Maurice Marechal, "Elegie" (Faure) (Col. DOX46).
- 9.45 : Spanish Gypsy Song—2YA Orchestra, (a) "L'Agitana" (Kreisler); (b) "The End" (Schumann).
- 10.0 : Dance programme (Polydor)—
- Foxtrots—Marimba Original Excelsior de Guatemala, "Hula Tropical" (21902); Iija Livschakoff's Dance Orchestra, "I Am So Happy" (May) (23537); Paul Godwin's Orchestra, "Just Such a Girl."
- 10.9 : Waltz—Paul Godwin's Dance Orchestra, "Pardon Madame" (Abraham)
- 10.12 : Foxtrots—Marimba Original Excelsior de Guatemala, "Llorando" (21902); Paul Godwin's Orchestra, "Victoria and Her Hussar" (Abraham) (23399); "The Broken Record" (Howalt) (23176).

Week-all Stations-to Sep. 13

[Copyright.—These programmes are copyright, but individual daily programmes may be published on day of performance.]

- 10.21: Vocal—Don and Ken, "Sunny Days" (Jason) (Parlo. A3106).
 10.24: Tangos—Ilja Livschakoff's Dance Orchestra, "O Miss Daisy" (Llossas) (23698); Paul Godwin's Dance Orchestra, "Poor Little Mannequin" (Rosen); Ilja Livschakoff's Dance Orchestra, "Queen of Dreams."
 10.33: Waltzes—Paul Godwin's Dance Orchestra, "Under the Roofs of Paris" (Moretti) (23644); "Good Night!" (Abraham) (23398).
 10.39: Vocal—Don and Ken, "Roamin' Thru' the Roses" (O'Flynn).
 10.42: Foxtrots—Ben Berlin and His Orchestra, "Fairy on the Clock" (Myers) (23055); Paul Godwin's Dance Orchestra, "Mickey Mouse" (Carlton) (23176); Ben Berlin and His Orchestra, "Clown Dolly" (Rust) (23055).
 10.51: Tangos—Ilja Livschakoff's Dance Orchestra, "Don't You Want a Friend Little Madam?" (Meisel) (23334); Paul Godwin's Dance Orchestra, "Thus Spoke the Knowing Marabu" (Egen) (23397); "A Sweetheart As Sweet As You Are" (Meisel) (23334).
 11.0: God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—MONDAY, SEPTEMBER 7.

- 3.0: Gramophone recital.
 4.25: Sports results.
 5.0: Children's hour.
 6.0: Dinner music session (Polydor)—
 Paul Godwin's Orchestra, "Potpourri of German Folk Songs" (arr. Hannemann) (19424); "The Girl of the Black Forest" (Jessell).
 Mandoline and Lute Orchestra, "Minuet in G" (Beethoven) (21622).

- Paul Godwin's Orchestra, "Suite Orientale" (Poppy). (1) Les Bajaderes; (2) Au Bord du Gange; (3) Les Almees; (4) Patrouille.
 Herman Finck and His Orchestra, "Waldteufel Memories" (arr. Finck).
 Mandoline and Lute Orchestra, "Norwegian Dance" (Grieg) (21622).
 The Opera Orchestra, Berlin, "Hungarian March in C Minor."
 Paul Godwin's Dance Orchestra, "From Ear to Ear" (Morena).
 7.0: News session.
 7.30: Talk—Mr. R. W. Marshall (Government Tourist Department), "Tourist Resorts on the West Coast."
 8.0: Chimes. Port Lyttelton Night.
 March—Derry's Military Band, "The Anchor's Aweigh" (Zimmermann).
 Trombone—Bandsman C. Barsby, "The Death of Nelson" (Brahms).
 8.11: Bass—Mr. W. J. Richards, "A Sail in a Piping Breeze" (Petrie); with trio accompaniment, "The Skipper" (Jude).
 8.18: New Queen's Hall Light Symphony Orchestra, "Britannia" Overture.
 8.24: Humour in song and story—Mr. Geo. Titchener, (a) "The Cruise of the Ancient Lights" (Hastings); (b) "Wait Till I Finish My Orange" (Seyler).
 8.34: Selection—Christchurch Broadcasting Trio, "Over the Waves" Waltz.
 8.39: Contralto—Miss Myra Sutton, with trio accompaniment, (a) "My Ships" (Barratt); (b) "The Glory of the Sea" (Sanderson).
 8.45: Sea shanties—Branscombe's Westminster Glee Singers, (a) "Billy Boy"; (b) "Fire Down Below" (Trdlt.) (Parlo. A3002).
 8.49: Fantasia—Derry's Military Band, "Songs of the Sea" (Douglas).
 9.1: Evening weather forecast and station notices.
 9.3: Relay from the Lyttelton Borough Council Chambers of a Talk by His Worship the Mayor of Lyttelton, Mr. F. E. Sutton, on "Port Lyttelton Past and Present."
 9.18: Patrol—Derry's Military Band, "Our Blue Jackets" (Scott), illustrating the approach, passing by, and disappearance in the distance of a naval patrol.
 9.24: Bass—Mr. W. J. Richards, (a) "The Sailors' Paradise" (Richards); (b) "Three for Jack" (Squire).
 9.30: Instrumental—The London Palladium Orchestra, "Nautical Moments."
 9.38: Humour in song and story—Mr. Geo. Titchener, "It's Lovely to Be in Love" (Mayne).
 9.43: Dance—Christchurch Broadcasting Trio, "Hornpipe" (Bridge).
 9.48: Contralto—Miss Myra Sutton, (a) "Ships That Pass in the Night" (Stephenson); (b) "Hame" (Davies).
 9.52: Sea shanties—John Goss and Cathedral Male Quartet, (a) "One More Day"; (b) "On the Banks of the Sacramento" (arr. Harris); (c) "A Dollar and a Half a Day"; (d) "The Hog's Eye Man."
 9.58: Band—Derry's Military Band, "The Middy" (Alford).
 God save the King.

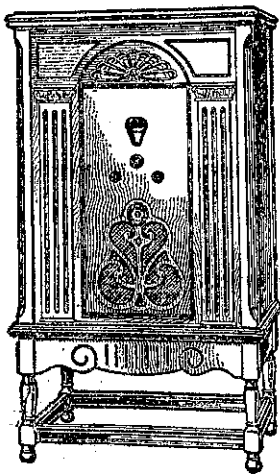
4YA, DUNEDIN (650 KILOCYCLES)—MONDAY, SEPTEMBER 7.

- 3.0: Afternoon session.
 5.0: Children's hour, conducted by Uncle Jack and Uncle Pete.
 6.0: Dinner music session (Polydor)—
 Paul Godwin's Dance Orchestra, "Medley of Popular Student Songs."
 Paul Godwin's Quintet with harp, "Extase" Reverie (Ganne) (19928).
 Paul Godwin's Orchestra, "Poranek" Waltz Intermezzo (Lindsay).
 Organ—Leo Stin, "Chanson Hindoue" (Rimsky-Korsakoff) (23165).
 Polydor Orchestra, "Coucou" Imitative Waltz (Jonasson) (23563).
 Paul Godwin's Orchestra, "In the Rosary" (Bialecki) (21005); "Tin Soldiers' Parade" (Jessell) (19659).
 Berlin State Opera House Orchestra, "Introductions Acts 1, 2 and 3" (from "Carmen") (Bizet) (27190).
 Paul Godwin's Quintet, with harp, (a) "Popular Song," (b) "Tale."
 Paul Godwin's Orchestra, "La Serenade" Waltz (Metra) (22872).
 Organ—Leo Stin, "Werther" (Massenet) (23165).
 Paul Godwin's Orchestra "Fairy Doll Waltz" (Bayer) (21005).
 Paul Godwin's Dance Orchestra, "Siamese Parade" Fantasy (Lincke).
 Polydor Orchestra, "Valse Poudree" (Poppy) (23563).
 7.0: News session.
 7.40: Talk—Mr. L. Malcolm (Member of Dunedin Stock Exchange), "The Stock Exchange."
 8.0: Chimes. Specially recorded international programme—
 Vitaphone Orchestra.
 The Radio Sweethearts.
 Forget-me-not.
 Weather report.
 International talk—Rev. Herbert Davies, M.A., a resident of China.
 "China and Her International Relations."
 The Irresistible Imps.
 Whispers.
 God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—MONDAY, SEPT. 7.

8.0 to 10.0 p.m.: Concert programme.

EVEN SOLOMON IN ALL HIS GLORY WAS NOT EQUIPPED WITH ONE OF THESE.



No. 5 Repeater
Combination Radio-
Gramophone.

HIS misfortune—but Stewart-Warner Radios are available to-day and are being installed in all fine homes the world over. TO-NIGHT—when you're wondering what to do or where to go—how would you like a new experience? How would you like to roll up the curtain of the theatre of the air, and bring forth a host of entertainers to amuse you? A dance orchestra? Perhaps a good quartet? Just twirl the dial and there you are. And with each twirl of the dial—something new. It may be a talk on gardening or golf. You may find yourself at the ringside as a champion strives to defend his title. The wonderful selectivity and efficiency of the new Stewart-Warner Radio enables you to select your programme with ease, and hear it reproduced with amazing clear tone. Super-sensitizing—that's the secret. With Stewart-Warner Radio, you have the world at your command. Let your dealer bring you this experience to-night by installing a Stewart-Warner Radio to-day.

KNOWN THE WORLD OVER AND SOLD IN NEW ZEALAND BY A HUNDRED DEALERS

STEWART-WARNER RADIO

Radio *Hope Gibbons Ltd.* Division

AUCKLAND — CHRISTCHURCH — WELLINGTON,

Tuesday, September 8

1YA, AUCKLAND (875 KILOCYCLES)—TUESDAY, SEPTEMBER 8.

- 3.0 : Chimes. Selected recordings.
 5.0 : Children's session, conducted by Uncle Dave.
 6.0 : Dinner music session (Polydor)—
 The Polydor String Orchestra, "La Muette de Portici" Overture.
 Paul Godwin's Orchestra, "Talkative" (Ellenberg) (19341); "Les Patineurs" (Waldteufel) (19710).
 Jean Gilbert's Scala Orchestra, "Strolling Through Jean Gilbert's Hits"
 Paul Godwin's Orchestra, "Sizilietta" (Von Blon) (22902).
 Edm Schachmeister's Jazz Symphonians, "Dubinuschka" (19644).
 Paul Godwin's Orchestra, "Dolly's Dancing" (Rhode) (19710);
 "Siciliano" (Jessel) (22902).
 Paul Godwin's Jazz Symphonians, "Hullo, 1930" (Borchert) (22929).
 7.0 : News and market reports.
 7.40 : Talk—Mr. N. M. Richmond, B.A. (under the auspices of W.E.A.),
 "Plato Looks at the World To-day—Wealth and Poverty."
 8.0 : Chimes. Specially recorded international programme—
 Vitaphone Orchestra.
 Radio Sweethearts.
 Forget-me-not.
 Weather report.
 International talk—Dr. E. P. Neale, Secretary of the Auckland Chamber of Commerce, "Some Aspects of International Trade."
 The Irrisistible Imps.
 Vitaphone Dance Orchestra.
 God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—TUESDAY, SEPTEMBER 8.

- 10.0 : Chimes. Selected gramophone recordings.
 11.12 : Lecturette—"Fabrics and Fashions."
 12.0 : Lunch hour music.
 2.0 : Educational session.
 3.0 : Selected gramophone recordings.
 3.30 and 4.30 : Sporting results to hand.
 5.0 : Children's session, conducted by Jumbo.
 6.0 : Dinner music session (Parlophone)—
 Grand Symphony Orchestra, "Zampa" Overture (Herold) (A4020).
 Dajos Bela Orchestra, "Dynamiden Waltz" (Strauss) (A4118); "O Sole Mio" (arr. Lindemann) (A4014).
 Dajos Bela Orchestra, "Kaiser Waltz" (Strauss) (A4032).
 Grand Symphony Orchestra, "The Tea House of a Hundred Steps."
 Dajos Bela Orchestra, "Be Embraced, Ye Millions" (Strauss) (A4118).
 Berlin State Opera Orchestra, "Aida" Selection (Verdi) (A4192).
 Berlin State Opera Orchestra, with Karol Szreter, pianist, "Hungarian Rhapsody No. 2" (Liszt) (A4109).
 Dajos Bela Orchestra, "Narcissus" (Nevin) (A4032).
 Grand Symphony Orchestra, "Japanese Cherry Blossom Festival."
 Dajos Bela Orchestra, "Souvenir—Valse Boston" (Pazeller) (A4014).
 Opera Comique Orchestra, "Gopak" (Moussorgsky) (A3028).
 7.0 : News, market reports and sports results.
 7.40 : Lecturette by a representative of the Agricultural Department, "For the Man on the Land."
 8.0 : Chimes. Orchestral—Grand Symphony Orchestra, "Raymond" Overture (Thomas) (Parlo. A4005).
 8.8 : Baritone—Mr. R. S. Allwright, "The Gay Highway" (Drummond).
 8.12 : Overture—Salon Orchestra (Conductor, Mr. M. T. Dixon), "Valse Staccato" (Plastio); "Song Celestial" (Severn).
 8.23 : Mezzo-soprano—Miss Merle Miller, with orchestral accompaniment, (a) "Angel's Serenade" (Braga); (b) "Coming Home" (Willeby).
 8.29 : Violin—Gustav Link, (a) "Saltarella" (Sitt); (b) "Swedish Airs."
 8.35 : Quartets—Melodie Four, (a) "Timbuctoo" (Geibel); (b) "Little Alabama Coon" (arr. Melodie Four).
 8.41 : Instrumental—2YA Salon Orchestra, (a) "Valse Romantique" (Debussy); (b) "Dream of Youth" (Winterritz); (c) "An Angel's Song" (Sammons).
 8.53 : Tenor—Mr. Frank Byrant, "Love's Garden of Roses" (Wood).
 8.57 : Balalaika Orchestra, "Russian Potpourri" (Poly. 20585).
 9.0 : Weather report and station notices.
 9.2 : Novelty—2YA Salon Orchestra, "Carnival of the Animals."
 9.14 : Tenor—Mr. Sam. Duncan, with orchestral accompaniment, (a) "Macushla" (McMurrough); (b) "Passing By" (Purcell).
 9.20 : Piano—Patricia Rossborough, "Frederica Selection" (Lehar).
 9.26 : Mezzo-soprano—Miss Merle Miller, with orchestral accompaniment, (a) "The Garden of Your Heart" (Dorel); (b) "My Hero" (Strauss).
 9.32 : Morceau—2YA Salon Orchestra, (a) "Berceuse," (b) "Canzonetta."
 9.42 : Bass—Mr. W. W. Marshall, with orchestral accompaniment, "Rocked in the Cradle of the Deep" (Knight).
 9.48 : Quartets—Melodie Four, (a) "Last Night" (arr. Parkes); (b) "I Love You Truly" (Bond).
 9.52 : Instrumental—Salon Orchestra, "Latest Dance Novelties."
 10.0 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, SEPT. 8.

SILENT DAY.

4YA, DUNEDIN (650 KILOCYCLES)—TUESDAY, SEPTEMBER 8.

- 3.0 : Selected recordings.
 5.0 : Children's hour, conducted by Aunt Leonore.
 6.0 : Dinner music session (Columbia)—
 Bournemouth Municipal Orchestra, "Crown Diamonds" Overture.
 J. H. Squire's Celeste Octet, "Air on G String" (Bach—arr. Sear).
 New Concert Orchestra, "Nights of Fragrance" (Ziehrer) (02979).
 B.B.C. Wireless Symphony Orchestra, "H.M.S. Pinafore" Selection.
 J. H. Squire's Celeste Octet, "On Wings of Song" (Mendelssohn).
 Bournemouth Municipal Orchestra, "The Bronze Horse" Overture.
 J. H. Squire's Celeste Octet, "Putting the Clock Back" (arr. Squire) (DOX71); "Funeral March of a Marionette" (Gounod—arr. Sear).
 New Concert Orchestra, "Vienna Maidens" (Ziehrer) (02979).
 Classic Symphony Orchestra, "Classic Memories" (arr. Ewing).
 J. H. Squire's Celeste Octet, "Ave Maria" (Bach, Gounod) (02569).
 7.0 : News session.
 7.40 : Talk—Under auspices of W.E.A., Mr. Lloyd Ross, "The Passion Play."
 8.0 : Chimes. Relay from Dunedin Town Hall of presentation of "Judas Maccabaeus" (Handel) by Dunedin Choral Society. Conductor, Mr. Alfred Walmsley. Organist, Dr. V. E. Galway. Soloists: Madame Winnie Fraser, Miss Molly Vickers, Mr. R. A. Mitchell, Mr. F. Benton.
 Boy soprano and chorus—Master Lex McDonald, "Hear My Prayer."
 10.0 : God save the King.

Wednesday, September 9

1YA, AUCKLAND (875 KILOCYCLES)—WEDNESDAY, SEPTEMBER 9.

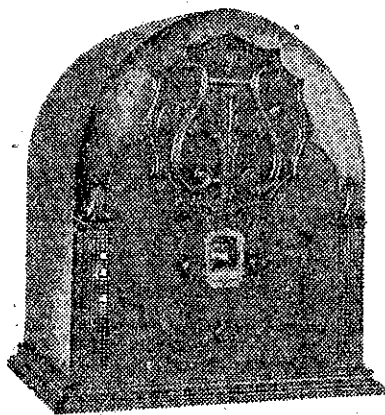
- 12.30 : Relay from the Auckland Town Hall of the Community Singing.
 3.0 : Selected recordings.
 3.15 : Literary selection.
 5.0 : Children's session, conducted by Uncle Reg.
 6.0 : Dinner music session (H.M.V.)—
 National Symphony Orchestra, "Irish Rhapsody" (Herbert).
 National Military Band, "Ballet Egyptien" (Luigini) (Zono. A354).
 Trio—Fritz and Hugo Kreisler, Michael Rauchs, "Sanctissima."
 New Light Symphony Orchestra, "Scene de Ballet Marionettes."
 Organ—Reginald Foort, "The Riff Song" (Romberg) (B2463).
 H.M. Coldstream Guards Band, "The Geisha" Selection (Jones).
 La Scala Orchestra, "The Secret of Susanna" Overture.
 International Novelty Quartet, "The Veleta" (Morris) (Zono. 5587).
 New Light Symphony Orchestra, "Persiflage" (Francis) (B2754).
 Trio—Fritz and Hugo Kreisler, Michael Rauchs, "Arlésienne Intermezzo" (Bizet, arr. Kreisler) (DB1166).
 National Symphony Orchestra, "Norma" Overture (Bellini).
 Organ—Reginald Foort, "The Desert Song" (Romberg) (B2463).
 H.M. Coldstream Guards Band, "The Belle of New York" Selection.
 International Novelty Quartet, "Merry Widow Waltz" (Lehar).
 7.0 : News and market reports.
 7.40 : Talk under the auspices of the Department of Health—Dr. A. Henderson, "What to do Till the Doctor Comes."
 8.0 : Chimes. March—Salon Orchestra (under direction of Mr. Harold Baxter), "The Giants" (Finck); overture, "King Mydas."
 8.11 : Soprano—Mrs. J. S. Smith, (a) "My Hope" (Ashforde); (b) "Waltz Song" (from "Pink Lady") (Caryll).
 8.17 : Guitar—Palakiko and Paaluh, "Maria Mari" (Di Capua).
 8.20 : Trombone with orchestra—Mr. S. Sly, "Am Meer" (Schubert).
 Intermezzo—Salon Orchestra, "Tristesse D'Amour" (Teller).
 8.29 : Bass—Mr. W. H. Harvey, "For All Eternity" (Mascheroni).
 8.33 : Accordion—Bastien with His Bal Musette Orchestra, (a) "The Mill"; (b) "The Flirt" (Halet) (Poly. 23561).
 8.39 : Soprano—Mrs. J. S. Smith, (a) "The Magpie is a Gipsy Bird" (Lohn); (b) "Hatfield Bells" (Martin).
 8.45 : Organ and piano—Arthur Meale and A. Neville Taylor, (a) "Pastorale" (Gullmant); (b) "Glockenspielen" (Meale).
 8.51 : Reverie—Salon Orchestra, "The Sacred Hour" (Ketelbey); waltz, "Spanish Waltz" (Hildreth).
 9.1 : Evening weather forecast and announcements.
 9.3 : Bass—Mr. W. H. Harvey, (a) "Anchored" (Watson); (b) "Up From Somerset" (Sanderson).
 9.10 : Suite—Salon Orchestra, "Hiawatha" (Coleridge-Taylor).
 9.20 : Male quartet—Professor Felix Schmidt's Quartet, (a) "Spin, Spin" (Jungst); (b) "Good Evening, Good Night" (Brahms).
 9.26 : Lecture-recital—Mr. H. Hollinrake, Mus.Bac., M.A., "The Instruments of the Orchestra—Violin and Viola."
 9.46 : Dance—Salon Orchestra, "The Sleep Walk" (Brahms); Morceau, "Flight of the Bumble Bee" (Rimsky-Korsakov); Suite, "Gabrielle" (Rosse).
 10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—WEDNESDAY, SEPTEMBER 9.

- 10.0 : Chimes. Selected gramophone recordings.
 11.37 : Lecturette—"Hollywood Affairs."
 12.0 : Lunch hour music.
 2.0 : Selected recordings.
 2.45 : Relay from Palmerston North—Description of Rugby Match, Australia v. Maoris.

- 3.30 and 4.30: Sporting results to hand.
 5.0 : Children's session, conducted by Aunt Daisy.
 6.0 : Dinner music session (Columbia)—
 Milan Symphony Orchestra, "Masaniello" Overture (Auber).
 Cordoba Philharmonic Orchestra, "La Habanera" (Lucena).
 Herman Finck and His Orchestra, "Melodious Memories."
 Sir Henry J. Wood's Symphony Orchestra, "Prelude in C Sharp Minor" (Rachmaninoff, arr. Wood) (DOX83).
 J. H. Squire's Celeste Octet, "Memories of Chopin" (arr. Willoughby).
 London Theatre Orchestra, "Frederica" Selection (Lehar).
 Regal Cinema Orchestra, "Viennese Nights" Waltzes Selection.
 Sir Henry J. Wood's Symphony Orchestra, "Volga Boat Song."
 Cordoba Philharmonic Orchestra, "Carnival" (Lucena) (DOX77).
 7.0 : News, market reports and sports results.
 7.40: Lecture—Mr. Burton Mabin, "The Bay of Islands—Impressions of its Historic, Scenic and Deep Sea Angling Attractions."
 8.0 : Chimes. Specially Recorded International Programme.
 Vitaphone Orchestra.
 The Flying Song Squadron.
 The Old Whittler.
 Weather report.
 International talk—Dr. Guy H. Scholefield, O.B.E.
 The Mirth Makers.
 Whispers.
 God save the King.

- 3YA, CHRISTCHURCH (980 KILOCYCLES)—WEDNESDAY, SEPT. 3.
 2.45: Rebroadcast of 2YA, Wellington—Description of Rugby Match, Australia v. Maoris.
 4.25: Sports results.
 5.0 : Children's hour.
 6.0 : Dinner music session (Parlophone)—
 Frank Westfield's Orchestra, "The Belle of New York" Selection.
 Dajos Bela Orchestra, "Strauss, the Waltz King at Home" (Weber) (4260); "Ideale" (Tosti) (A4015); "Viennese Life Waltz."
 Victor Olof Salon Orchestra, "Grieg Selection" (arr. Urbach).
 Dajos Bela Orchestra, "Serenade" (Moszkowski) (A4015).
 Berlin State Opera House Orchestra, "Wine, Women and Song" Waltz.
 Dajos Bela Orchestra, "Traumideale" (Fucik) (A4259).
 Frank Westfield's Orchestra, "Our Miss Gibbs" Selection (Monckton).
 Barnabas Von Gezy and His Orchestra, "Strauss Waltz Medley."
 7.0 : News session.
 7.15: Relay from 4YA, Dunedin, of Dialogue by Messrs. R. B. Tennent and L. W. McCaskill, "Farmer Brown Discusses Burnt Lime with the Instructor."



Hear
this
NEW
Beauty

GULBRANSEN SUPERHETERODYNE Mantel Receiver £28/10/-

Handsome and dignified in appearance, yet very compact, this set will appeal to all who grudge the space required for a console receiver.

Yet though small, the Gulbransen Superheterodyne Mantel Receiver has the same 7-valve chassis as the Gulbransen Superheterodyne Console model; and gives the same clear, undistorted reception and the same full, rich tone. Vari-mu, Pentode and Screen-grid Valves. No cross-talk or valve noises. No overlapping of stations. A demonstration will convince you that here is the ideal mantel receiver—and wonderful value. Gulbransen Dealers everywhere.

N.Z. Distributors:

H. W. CLARKE, LTD.,
182 Wakefield Street,
Wellington.

- 7.30: Addington stock market reports.
 8.0 : Chimes. Overture—Berlin State Opera House Orchestra, "The Beautiful Galatea" (Suppe, arr. Artok) (Parlo, 3591).
 8.8 : Chorus—Salon Quartet, "Chorus From Faust" (Gounod).
 Baritone—Mr. Olive Hindle, "If Thou Wert Mine" (Johnson).
 Contralto—Miss Dulele Mitchell, with orchestral accompaniment, "Softly Awakes My Heart" (from "Samson and Delilah").
 8.18: Instrumental—Studio Octet (Harold Beck, conductor), "Hero's March" (Mendelssohn); "Alceste" Overture (Gluck).
 8.28: Tenor—Mr. H. J. Francis, "Come Love, Be Mine" (Leoncavallo).
 Soprano—Miss Addie Campbell, "Rose Softly Blooming" (Spohr).
 8.35: Piano and Orchestra—Miss Lucy Fullwood, "First Movement, Second Concerto" (Rachmaninoff).
 8.55: Baritone—Mr. Olive Hindle, with cello obbligato, "Elegie" (Massenet).
 Quartet—Salon Quartet, "Lovely Night" (Ohwatal, arr. Stone).
 9.0 : Evening weather forecast and station notices.
 9.2 : Orchestral—The Royal Opera House Orchestra, Stockholm, "Eugen Onegin" Waltz (Tchaikowsky) (Parlo, E11115).
 9.6 : Contralto—Miss Dulele Mitchell, with orchestral accompaniment, "Beyond the Dawn" (Sanderson).
 Tenor—Mr. H. J. Francis, "The Spirit Flower" (Tipton).
 9.12: Soprano—Miss Addie Campbell, (a) "God Touched the Rose" (Brown); (b) "A Youth Once Loved a Maiden" (White).
 Quartet—Salon Quartet, "Love Me Little, Love Me Long" (Shaw).
 9.20: Instrumental—Studio Octet, (a) "Minuet Al Antico" (Karganoff); (b) "Farewell to Culcullian" (arr. Harty); (c) "Mazurka."
 9.30: Dance music (Columbia)—
 Foxtrots—Paul Tremaine and His Orchestra, "Hand Me Down My Walkin' Cane" (arr. Tremaine) (DO91). Paul Whiteman and His Orchestra, "Happy Feet" (Yellen) (07037). Ray Starita and His Ambassadors Band, "Ev'ry Little Moment" (Newman) (DO76). Paul Whiteman and His Orchestra, "A Bench in the Park."
 9.42: Waltzes—Russian Novelty Orchestra, "Greetings of Spring" (DO85). Novelty Dance Orchestra, "Sobbing Waltz" (Reg. G20650).
 9.48: Vocal—James Melton, "Neapolitan Nights" (01297).
 9.51: Foxtrots—Ben Selvin and His Orchestra, "The Woman in the Shoe" (Brown) (01845). Paul Whiteman and His Orchestra, "Should I?" (Brown) (07035). The Rhythmic Troubadours, "On Her Doorstep Last Night" (Hargreaves) (G20658).
 10.0 : Waltzes—Paul Whiteman and His Orchestra, "A Bundle of Old Love Letters" (Brown) (07035). Moana Orchestra, "Imi Au Ia Oe." Foxtrots—The Rhythmic Troubadours, "Fairly on the Clock" (Myers) (Reg. G20658). Ben Selvin and His Orchestra, "Only Love is Real" (Brown) (01845).
 10.12: Vocal—Ernest Hastings, "Perverved Placards" (Bateman) (DO16).
 10.15: Foxtrots—Paul Specht and His Orchestra, "The Harbour of My Heart" (Youmans) (01930). Gil Dech and His Syncopators, "Let's Be Common" (Grey) (01827). Paul Specht and His Orchestra, "Keepin' Myself For You" (Youmans) (01930). Ray Starita and His Ambassadors Band, "Spread a Little Happiness" (Grey).
 10.27: Waltzes—Russian Novelty Orchestra, "The Love of a Gypsy" (DO85). Novelty Dance Orchestra, "First Love Waltz" (Reg. G20650).
 10.33: Foxtrots—Ben Selvin and His Orchestra, "Song of the Islands" (King) (DO32). Moana Orchestra, "For You a Lei" (Noble) (DO90). Gil Dech and His Syncopators, "Nobody's Using It Now" (Grey).
 10.42: Vocal—James Melton, "Dear Little Mother of Mine" (Jayne Sterling).
 10.45: Foxtrots—Guy Lombardo and His Royal Canadians, "With You" (Berlin) (DO27). Will Osborne and His Orchestra, "I Knew We Two Were One" (Denniker) (DO29). Guy Lombardo and His Royal Canadians, "There's Danger in Your Eyes, Cherie" (Richman).
 Waltzes—Moana Orchestra, "My Hawaiian Souvenir" (King) (DO90). Vic Meyer and His Band, "If I'm Dreaming" (Burke) (DO29).
 11.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—WEDNESDAY, SEPTEMBER 9.

- 3.0 : Selected recordings.
 3.15: Talk—"Good Meal Planning on an Average Income, Part 3," by the Home Science Extension Department of Otago University.
 5.0 : Children's hour, conducted by Big Brother Bill.
 6.0 : Dinner music session (Parlophone)—
 Edith Lorand's Orchestra, "Tales of Hoffman" Fantasia (Offenbach).
 Dajos Bela String Orchestra, "Goldregen" (Waldteufel) (A4238).
 Otto Dobrindt and His Symphony Orchestra, "Speak Not of Love Eternal" (Granichstaedten) (A4275).
 Dajos Bela Orchestra, "I Pagliacci" Selection (Leoncavallo) (A4090).
 Sandor Joszi's Orchestra, "Polo" (Fetras) (A2851).
 Berlin State Opera House Orchestra, "Rustle of Spring" (Sinding).
 Dajos Bela Orchestra, "Delirien" Waltz (Strauss) (A4182).
 Dajos Bela Orchestra, "Count of Luxembourg" Waltz (Lehar).
 Sandor Joszi Orchestra, "Marionette's Wedding March" (Rathie).
 Dajos Bela Orchestra, "Viennese Waltz Potpourri" (Robrecht).
 Berlin State Opera House Orchestra, "Praeludium" (Jarnefeldt).
 Dajos Bela String Orchestra, "Gold and Silver" (Lehar) (A4238).
 Mitjh Nikisch and His Symphony Orchestra, "Madelon"—Dream Waltz
 7.0 : News session.
 7.15: Dialogue—Messrs. R. B. Tennent and L. W. McCaskill, "Farmer Brown discusses Burnt Lime with the Instructor."
 8.0 : Chimes. Vocal portion of programme by Pupils of Mr. G. W. Johnstone.
 Overture—Berlin State Opera House Orchestra, "La Belle Helene."
 8.9 : Bass—Mr. Edward Benton, "Droop Not, Young Lover" (Handel).
 8.13: Piano—Miss Rona Thomson, "Concert Study in D Flat" (Liszt).

- 8.20: Contralto—Miss Cathie Hewson, (a) "The Enchantress" (Hatton), (b) "Still Wie Die Nacht" (Bohm).
- 8.27: Duet—Miss Ada Benton and Mr. Edward Benton, "Calm, Silent Night."
- 8.30: Trio—Misses Ethel Wallace, Baker and Moffatt, (a) "Polonaise" (Glinka), (b) "Romance" (Mozart), (c) "Menuet" (Haydn).
- 8.42: Soprano—Miss Alva Myers, "A Night in May" (Brahms).
Baritone—Mr. G. W. Johnstone, "The Wanderer" (Schubert).
- 8.52: Cello—Miss V. Moffatt, (a) "Bouree" (Handel), (b) "Melodie Arabe."
- 9.0: Evening weather report and station notices.
- 9.2: Orchestral—Royal Opera Orchestra, "Naila" Waltz.
- 9.6: Duet—Miss Beatrice Sproston and Mr. G. W. Johnstone, "Twilight."
- 9.6: Mezzo-soprano—Miss Beatrice Sproston, "The Cry of Rachael."
- 9.13: Trio—Misses Wallace, Baker and Moffatt, (a) "Contretanz" (Gade), (b) "Cradle Song" (Winge), (c) "Scherzo From Octet Op. 188."
- 9.24: Soprano—Miss Peggy Howie, "My Mother Bids Me Bind My Hair."
Baritone—Mr. G. W. Johnstone, "Ich Grolle Nicht" (Schumann).
- 9.30: Dance session (Brunswick)—
Foxtrots—Tom Gerun and His Orchestra, "What Good Am I Without You?" (Ager) (4990). Ben Bernie and His Orchestra, "He's Not Worth Your Tears" (Dixon) (4976); Earl Burtnett and His Los Angeles Biltmore Hotel Orchestra, "It Must Be True" (Arnheim) (4984); Ben Bernie and His Orchestra, "The Wind in the Willows" (4984); Ben Bernie and His Orchestra, "The Wind in the Willows" (4984).
- 9.42: Waltz—Regent Club Orchestra, "It Is Destiny" (Grey) (6000).
Foxtrots—Hal Kemp and His Orchestra, "Them There Eyes" (Pinkard) (4992); Harry Reser and the Six Jumping Jacks, "The Wedding in the Ark" (Wallace) (6007).
- 9.51: Vocal—North and South, "Barrackly Bert the Soldier" (Clifford).
- 9.54: Foxtrots—Ben Bernie and His Orchestra, "Can't You See I'm Lonely?" (Kahn) (4976); Earl Burtnett and His Los Angeles Biltmore Hotel Orchestra, "The Little Things in Life" (Berlin) (4984); Hal Kemp and His Orchestra, "Hurt" (Piantadosi) (4992).
- 10.8: Tangos—Juan Llossas Orchestra, "Tavern Tango" (Mario Sarrocchi) (Poly 22425); "On Far Away Highroads" (Filiberto) (22983).
- 10.9: Vocal—Chester Gaylord, "You're Lucky To Me" (Razaf) (6010).
- 10.12: Foxtrots—Tom Gerun and His Orchestra, "Nine Little Miles From Ten Teh Tennessee" (Sherman) (4999); Isham Jones' Orchestra, "Lonesome Lover" (Bryan) (6015); Emil Coleman and His Orchestra, "Overnight" (Rose) (4977).
- 10.21: Waltzes—Bob Haring and His Orchestra, "Chimes of Spring" (Gilbert) (6031); Joe Green and His Orchestra, "My Missouri Home" (6023); "Everything But Love" (Kahn) (6025); Ben Bernie and His Orchestra, "The River and Me" (Dubin) (6023).
- 10.36: Vocal—North and South, "Sittin on a Five Barred Gate."
- 10.39: Foxtrots—Emil Coleman and His Orchestra, "I Love Love" (O'Keefe) (4977); Abe Lyman and His California Orchestra, "Us and Company" (Nelson) (4993).
- Tangos—Juan Llossas Orchestra, "Majanah" (Llossas) (22425); "Carnations" (Demare) (22983).
- 10.51: Foxtrots—Tom Gerun and His Orchestra, "Come a Little Closer" (Green) (6002); Abe Lyman and His California Orchestra, "As Long As We're Together" (Bard) (4993); Tom Gerun and His Orchestra, "You're The One I Care For" (Link) (6002).
- 11.0: God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—WEDNESDAY, SEPT. 9.

- 6.30 to 7.30 p.m.: Children's session.
7.30 to 8 p.m.: Sports talks.

Thursday, September 10

1XA, AUCKLAND (875 KILOCYCLES)—THURSDAY, SEPTEMBER 10.

- 8.0: Chimes. Selected recordings.
- 8.15: Talk—"Winter Tonics." Talk prepared by the Home Science Extension Service of Otago University.
- 9.0: Children's session, conducted by Skipper.
- 9.0: Dinner music session (Polydor)—
Paul Godwin's Dance Orchestra, "The World's Best Waltzes" Medley.
Ilja Livschakoff Orchestra, "Fiddler, Where is Your Home?" (23539).
Vienna Schrammel Quartet, "Serenade" (Heykens) (21919).
Paul Godwin's Orchestra, "Marche Grotesque" (Sinding) (22900).
Ilja Livschakoff's Dance Orchestra, "Roses of the South" (23626).
Organ—H. Wood, "Songs My Mother Taught Me" (Dvorak) (23304).
Orchestra Mascotte, "Amoureuse" Waltz (Berger) (Parlo. A3135).
Paul Godwin's Orchestra, "The Clock and the Dresden Figures." (23539).
Ilja Livschakoff's Orchestra, "Hungarian Medley" (Leopold) (23539).
Vienna Schrammel Quartet, "Silk and Velvet" (Ziehrer) (21919).
Paul Godwin's Orchestra, "Joy Bells" (Blaauw) (22900).
Organ—H. Wood, (a) "Song Without Words" (Mendelssohn); (b) "Adagio from L'Arlésienne" (Bizet) (23304).
Ilja Livschakoff's Dance Orchestra, "Blue Danube" (Strauss) (23626).
Dajos Bela Orchestra, "The Grenadiers" Waltz (Waldteufel).
La Argentina, Castanets with Orchestra, "Dance No. 5" (Granados).
Paul Godwin's Orchestra, "The Cathedral Bells" (Becker) (23538).
- 7.0: News and market reports.
- 7.40: Talk, under the auspices of the N.Z. Manufacturers' Association, "The Making of Nails."
- 8.0: Chimes. Studio concert by the Auckland Society of Musicians.

- Instrumental trio—Jean Allen, Marjorie Tiarks, Margot St. L. Toner, "The Puppet Show" (Alec Rowley).
- 8.6: Soprano—Mrs. Freda Evans, "From the Song Cycle—the Little Folk" (Eric Fogg); (a) "The Little Folk," (b) "Jesukin," (c) "King Arthur's Sleep," (d) "Dreamie Song."
- 8.12: Cello—Miss Marjorie Tiarks, (a) "Arioso" (Bach); (b) "Andaluza."
- 8.18: Baritone—Mr. Barry Coney, (a) "Vision Fugitive" (from "Herodiade") (Massenet); (b) "Plantation" (Steiner); (c) "The Connemara Shore" (Fisher).
- 8.29: Piano—Miss Gladys Searell, (a) "Irish Tune" (from "The County Derry") (arr. Grainger); (b) "Etude and Prelude" (Scriabine); (c) "Sing a Song of Sixpence" (Livens).
- 8.38: Mezzo-soprano—Miss Margaret Reilly, (a) "Life and Death," (b) "Willow Song" (Coleridge Taylor).
- 8.43: Instrumental trio—Jean Allen, Marjorie Tiarks, Margot St. L. Toner, "Two Movements from Trio in D" (Hurlstone).
- 8.54: Soprano—Mrs. Freda Evans, from the song cycle "The Little Folk" (Eric Fogg); (e) "The Carol of the Little King," (f) "My Lady Sleep," (g) "Dance of the Winds."
- 9.0: Evening weather forecast and announcements.
- 9.2: Talk—Mr. A. B. Chappell, M.A., "Topical Talk."
- 9.17: Violin—Miss Jean Allen, (a) "Serenade" (from "Hatton") (Delius); (b) "Habanera" (Ravel); (c) "La Gitana" (Kreisler).
- 9.23: Duet for two baritones—Messrs. Barry Coney and Len Barnes, "The Lord is a Man of War" (from "Israel in Egypt") (Handel).
- 9.27: Mezzo-soprano—Miss Margaret Reilly, (a) "Who is Sylvia?" (Quilter); (b) "Love has Eyes" (Bishop).
- 9.32: Instrumental Trio—Jean Allen, Marjorie Tiarks, Margot St. L. Toner, "Londonderry Air" (arr. Kreisler).
- 9.36: Dance programme (Brunswick)—
Foxtrots—Ben Bernie and His Orchestra, "I'm Yours" (Harburg) (4898). Jacques Renard and His Orchestra, "Loving You the Way I Do" (Scholl) (4919). Ben Bernie and His Orchestra, "Confessin'" (Neiburg) (4898). Earl Burtnett and His Los Angeles Biltmore Hotel Orchestra, "Just a Little Dance, Mam'selle" (4927).
- 9.48: Waltz—Abe Lyman and His California Orchestra, "This is Love."
Foxtrots—Isham Jones's Orchestra, "Sweet Jennie Lee" (Donaldson) (4909). Jacques Renard and His Orchestra, "Lucky Seven" (Dietz) (4879).
- 9.57: Vocal—Wendell Hall, "Underneath the Mellow Moon" (Hall) (4879).
- 10.0: Foxtrots—Ozzie Nelson and His Orchestra, "I Don't Mind Walkin' in the Rain" (Rich) (4897). Isham Jones's Orchestra, "In My Heart It's You" (O'Flynn) (4914). Earl Burtnett and His Los Angeles Biltmore Hotel Orchestra, "I Wonder How it Feels" (Sherman).
- 10.9: Jacques Renard and His Orchestra, "Sing Something Simple" (Hupfeld) (4918); "Can This Be Love?" (James) (4919).
- 10.15: Vocal—Jessica Dragonette, "When You're Away" (Blossom) (4904).
- 10.18: Foxtrots—Isham Jones's Orchestra, "I'll be Blue, just Thinking of You" (Whiting) (4914). Meyer Davis's Hotel Astor Orchestra, "Looking for the Lovelight in the Dark" (Dubin) (4870). Earl Burtnett and His Los Angeles Biltmore Hotel Orchestra, "Little White Lies" (Donaldson) (4831).
- 10.27: Waltz—Castlewood Marimba Band, "When the Organ Played at Twilight" (Wallace) (4913).
- 10.30: Foxtrots—Ozzie Nelson and His Orchestra, "I Still Get a Thrill" (Davis) (4897). Meyer Davis's Hotel Astor Orchestra, "As Long as I Have You" (Dubin) (4870). Tom Gerun and His Orchestra, "A Big Bouquet For You" (Kahn) (4895).
- Vocal—Wendell Hall, "Land of My Sunset Dreams" (Hall) (4879).
- 10.42: Foxtrots—Tom Gerun and His Orchestra, "Sing" (Johnson) (4911). Tom Gerun and His Orchestra, "If I Could Be With You" (Creamer) (4895); "Wasting My Love on You" (Leslie) (4911). Earl Burtnett and His Los Angeles Biltmore Hotel Orchestra, "Sweetheart of My Student Days" (Kahn) (4927).
- 10.54: Waltz—Castlewood Marimba Band, "Moonlight on the Colorado."
- 10.57: Emil Coleman and his Orchestra, "I've Got Five Dollars" (Rodgers) (6036). Loring Nichols and His Orchestra, "You Said It" (Arlen) (6029). Emil Coleman and His Orchestra, "We'll be the Same."
- 11.0: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—THURSDAY, SEPTEMBER 10.

- 10.0: Chimes. Selected gramophone recordings.
- 10.45: Lecture—"Cooking."
- 11.37: Lecture—"Fruit Drinks." Under the auspices of the Health Department.
- 12.0: Lunch hour music.
- 2.0: Selected recordings.
- 3.15: Lecture—"Miss I. F. Meadows, 'Winter Tonics.' Talk prepared by the Home Science Extension Department of the Otago University.
- 3.30 and 4.30: Sporting results to hand.
- 5.0: Children's session, conducted by Uncle George and Big Brother Jack.
- 6.0: Dinner music session (H.M.V.)—
National Symphony Orchestra, "Stradella" Overture (Flotow).
Royal Opera Orchestra, "Faust" (Ballet Music 1st to 4th Movts.) (Gounod) (C1462); "The Sleeping Beauty" (Tchaikowsky).
National Symphony Orchestra, "Caucasian Sketches No. 1—In the Mountain Pass" (Ippolitoff-Iwanoff) (Zono. EF36).
Organ duet—Mr. and Mrs. Jesse Crawford, "The Moonlight Reminds Me of You" (Kahn) (EA763).
Victor Oloff Sextet, "Cherry Ripe" (Scott) (E2697).
San Francisco Symphony Orchestra, "Rosamunde Entr'Acte."

- Royal Opera Orchestra, "Prelude—The Huntress" (from "Sylvia Ballet") (Delibes) (C1417).
 Reginald King and His Orchestra, "Song O' My Heart" Selection.
 Royal Opera Orchestra, "Faust Ballet Music 5th to 7th. Movts." (Gounod) (C1463); "Shepherd Fennel's Dance."
 7.0 : News, market reports and sports results.
 7.40 : Lecturette—Mr. Johannes Andersen, Librarian, Turnbull Library, "Maori Folk Lore."
 8.0 : Chimes. Relay from the Blue Triangle Hall of Concert by the Orpheus Musical Society. "Tubalkain" (Dunhill); "The Coffee Canzara" (Bach). Soloists: Soprano—Miss Jeanette Briggs, L.A.B. (Lieschen); baritone—Mr. Ray Kemp (Schlendrian); tenor—Mr. Roy Hill. Instrumental solos by Mr. Claude Tanner, Cellist—"Sonata in G Minor" (Eccles) (Period 1670 to 1742 in four Movements); "Largo," "Allegro Con Spirito," "Adagio," "Vivace."
 10.0 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—THURSDAY, SEPT. 10.

- 3.0 : Gramophone recital.
 3.15 : Lecturette—"Winter Tonics." Talk prepared by the Home Science Extension Service Otago University.
 5.0 : Children's hour.
 6.0 : Dinner music session (H.M.V.)—
 Philadelphia Symphony Orchestra, "Damnation of Faust," "Marche Hongroise" (Berlioz) (ED7).
 New Light Symphony Orchestra, "The Waltzing Doll" (Poldini).
 International Novelty Quartet, "Teddy Bears' Picnic" (Bratton).
 New Mayfair Orchestra, "Wake Up and Dream" Selections.
 Organ—Edward O'Henry, "Just As We Used To Do" (Rullit).
 Salon Orchestra, "Chanson Boheme" (Baldi) (B2581).
 Marimba Band, "Morales Lopez" (Bolanos) (Zono. EE207).
 De Groot's Piccadilly Orchestra, "Friend o' Mine" (Sanderson).
 International Novelty Quartet, "The Skaters" (Waldteufel).
 National Military Band, "Lohengrin" Prelude (Wagner) (Zono. A358).
 Berlin State Opera Orchestra, "Der Rosenkavalier" Waltz (Strauss).
 New Light Symphony Orchestra, "At Dawning" (Cadman) (B2629).
 Philadelphia Symphony Orchestra, "Samson and Delilah" Bacchanale.
 Salon Orchestra, "Aloha Sunset Land" (Kawelo) (B2581).
 Marimba Band, "Aguas Dormides" (Bolanos) (Zono. EE207).
 Organ—Edward O'Henry, "Dream Lover" (Schertzinger) (B3428).
 De Groot's Piccadilly Orchestra, "None But The Weary Heart."
 7.0 : News session.
 7.30 : Talk—Mr. H. J. Geddes, Lincoln College, "Some Cultivation Problems."
 8.0 : Chimes. Specially Recorded International Programme.
 Dr. Eugene Ormandy and His Salon Orchestra.
 International Singers.
 Abroad with the Lockharts.
 Weather forecast and station notices.
 International talk—Mr. L. R. R. Denny, M.A., F.R.H.S., "Java."
 Ambassadors of Melodyland.
 Hywide and Handsome.
 Nat Brusiloff and His Lido Venice Orchestra.
 God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, SEPTEMBER 10.

SILENT DAY.

Friday, September 11

1YA, AUCKLAND (875 KILOCYCLES)—FRIDAY, SEPTEMBER 11.

- 3.0 : Chimes. Selected recordings.
 3.15 : Literary selection.
 5.0 : Children's session, conducted by Nod and Aunt Jean.
 6.0 : Dinner music session (Columbia)—
 Albert Sandler and His Orchestra, "My Dream Memory" (Levant).
 Menorah Symphony Orchestra, "Shulamith" Selection (Goldfaden).
 J. H. Squire's Celeste Octet, "Serenade" (Moszkowski-Sear).
 Royal Philharmonic Orchestra, "Blue Danube" (Waltz) (Strauss).
 Jean Lensen and His Orchestra, "Ideale" (Tosti, arr. Tavan).
 Cordoba Philharmonic Orchestra, "Carnival" (Lucena) (DOX77).
 Organ—Quentin MacLean, "Lily of Laguna" (Stuart) (DO24).
 Herman Finck and His Orchestra, "Old and New Potpourri of Popular Melodies" (arr. Finck) (DOX45 and 59).
 Albert Sandler and His Orchestra, "Give Me Back My Heart."
 J. H. Squire's Celeste Octet, "Moment Musicale" (Schubert-Sear).
 Jean Lensen and His Orchestra, "Love's Last Day" (Benatsky).
 Cordoba Philharmonic Orchestra, "La Habanera" (Lucena) (DOX77).
 Organ—Quentin MacLean, "Little Dolly Daydream" (Stuart) (DO24).
 7.0 : News and market reports.
 7.40 : Sports talk.
 8.0 : Chimes. Overture—Grand Symphony Orchestra, "Caliph of Bagdad" Overture (Boieldieu) (Parlo. A4086).
 8.9 : Baritone—Mr. Reg Morgan, with orchestral accompaniment, Songs from the "Fisherfolk Cycle" (Arundale): (a) "The Bar Parlour"; (b) "Old Mother Sea."
 8.15 : Overture—Salon Orchestra (under direction of Harold Baxter), "Peter Schmolli" (Weber).

- 8.23 : Contralto—Miss Aimee Clapham, with orchestral accompaniment, (a) "Like to the Damask Rose" (Egar); (b) "Sing, Break into Song."
 8.31 : Organ—Reginald Foort, "A Musical Trip Round the British Isles."
 8.37 : Scena—Salon Orchestra, "Moonlight on the Nile" (Pratt); Intermezzo, "Dream Melody" (Herbert).
 8.47 : Baritone—Mr. Reg. Morgan, with orchestral accompaniment, Songs from the "Fisherfolk Cycle" (Arundale): (a) "Little Brown Sail"; (b) "Folks Who Live Beside the Sea."
 8.53 : Orchestra with chorus—Jack Hylton and His Orchestra, "Still More Old Songs" (H.M.V. C2082).
 9.1 : Evening weather forecast and announcements.
 9.3 : Sea story—Lee Fore Brace, "The Limbo of Lost Ships."
 9.18 : Piano—Mr. Cyril Towsey, "Brahms Waltzes" (Brahms).
 9.26 : Suite—Salon Orchestra, "Lover in Damascus" (Woodforde-Finden).
 9.38 : Contralto—Miss Aimee Clapham, (a) "The Lotus Flower" (Schumann); (b) "Over the Western Sea" (Mallinson).
 9.44 : Accordion—Pauley Witch Accordion Ensemble, "That's Just Their Way Now" (Chantrier) (Poly. 23311).
 9.50 : Gavotte—Salon Orchestra, "Mondschein" (Gothov); Suite, "Three Famous Pictures" (Wood): (1) "Village Wedding"; (2) "The Doctor"; (3) "Laughing Cavalier."
 10.1 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—FRIDAY, SEPTEMBER 11.

- 10.0 : Chimes. Selected gramophone recordings.
 11.12 : Lecturette—"Fashions."
 12.0 : Lunch hour music.
 2.0 : Selected recordings.
 3.30 and 4.30 : Sporting results to hand.
 5.0 : Children's session, conducted by Uncle Jim.
 6.0 : Dinner music session (Polydor)—
 Paul Godwin's Orchestra, "From Heidelberg to Barcelona" (Borchert).
 Paul Godwin's Quintet, "Minuetto" (Bolzoni) (19929).
 Paul Godwin's Orchestra, "Hearts and Flowers" (Tabani) (19932).
 Marek Weber and His Hotel Adlon Orchestra, "Under the Old Lime Tree" (Felix) (20456).
 Paul Godwin and Kunstler Ensemble, "Potpourri of German Folk Songs" (arr. Hannemann) (19425).
 Paul Godwin's Quintet, "Dolls' Minuet" (Blon) (19929).
 Paul Godwin's Orchestra, "The Merry Peasant" (Fall-Leon) (19603).
 Marek Weber and His Hotel Adlon Orchestra, "Extase" (Ganne).
 Paul Godwin's Orchestra, "Sleeping Beauty's Bridal Trip" (Rhode) (19932); "The Count of Luxembourg" (Lehar) (19624).
 7.0 : News, market reports and sports results.
 7.40 : Lecturette—Mr. R. L. Page, Secretary Victoria University Service Club, "Students' Social Service."
 8.0 : Chimes. Relay from the Victoria University College of Debate by the Victoria University College Debating Society. "That this Female Freedom is a Farical Failure." Affirmative—Mr. H. R. Bannister, Mr. H. J. Bishop. Negative—Mr. M. Riske, Mr. A. E. Hurley. Chairman—Mr. W. J. Mountjoy, Junr.
 9.30 : Dance programme (Brunswick)—
 Foxtrots—Isham Jones' Orchestra, "Trees" (Kilmer) (4856). Earl Burtnett and His Los Angeles Biltmore Hotel Orchestra, "The Wedding of the Birds" (Tobias) (4926). Tom Gerun and His Orchestra, "You're Lucky to Me" (Razaf) (4916); "My Love For You" (Kahn) (4971).
 9.42 : Waltz—Joe Green and His Orchestra, "Song of the Big Trail" (McCarthy) (4978).
 Foxtrots—Tom Gerun and His Orchestra, "Rollin' Down the River" (Adams) (4859). Jacques Renard and His Orchestra, "Three Little Words" (Kalmr) (4939).
 9.51 : Vocal—Charles King, "Here Comes the Sun" (Freed) (4849).
 9.54 : Foxtrots—Isham Jones' Orchestra, "Stardust" (Carnichael) (4856). Ozzie Nelson and His Orchestra, "Who's Calling You Sweetheart, To-night?" (O'Flynn) (4979). Nick Lucas and His Crooning Troubadours, "I Miss a Little Miss" (Seymour) (4987). Ozzie Nelson and His Orchestra, "And Then Your Lips Met Mine."
 10.6 : Waltzes—Regent Club Orchestra, "You Will Remember Vienna" (Hammerstein second) (4975). Castlewood Marimba Band, "Drifting on to Avalon" (O'Flynn) (4980).
 10.12 : Foxtrots—Colonial Club Orchestra, "On a Little Balcony in Spain" (Klein) (4974). Jacques Renard and His Orchestra, "I Bring a Love Song" (Hammerstein second) (4975). Nick Lucas and His Crooning Troubadours, "You're Driving Me Crazy" (Donaldson).
 10.21 : Vocal—Chester Gaylord, "Confessin'" (Nelburg) (4871).
 10.24 : Foxtrots—Tom Gerun and His Orchestra, "Cheerful Little Earful" (Gershwin) (4971). Abe Lyman and His California Orchestra, "Never Swat a Fly" (de Sylva) (4924). Earl Burtnett and His Los Angeles Biltmore Hotel Orchestra, "Say 'Oui' Cherie" (Robinson) (4926). Colonial Club Orchestra, "Sing Song Girl."
 10.36 : Vocal—Charles King, "Leave a Little Smile" (Dubin) (4849).
 10.39 : Foxtrots—Tom Gerun and His Orchestra, "Memories of You" (Razaf) (4916). Abe Lyman and His California Orchestra, "Old Fashioned Girl" (de Sylva) (4924). Loring "Red" Nichols and His Orchestra, "Embraceable You" (Gershwin) (4957).
 10.48 : Waltzes—Castlewood Marimba Band, "Ukulele Moon" (Davis) (4980). Joe Green and His Orchestra, "I'm Alone Because I Love You."
 10.54 : Foxtrots—Tom Gerun and His Orchestra, "My Sweetheart Serenade" (Ford) (4859). Jacques Renard and His Orchestra, "A Girl Friend of a Boy Friend of Mine" (Kahn) (4939).
 11.0 : God save the King.

3YA, CHRISTCHURCH (930 KILOCYCLES)—FRIDAY, SEPTEMBER 11.

- 8.0 : Gramophone recital.
 4.25 : Sports results.
 5.0 : Children's hour.
 6.0 : Dinner music session (Columbia)—
 Regal Salon Orchestra, "Memories of Beethoven" (Beethoven).
 Plaza Theatre Orchestra, "Gipsy Suite" (German): (1) Valse (Lonely Life); (2) Allegro (The Dance) (Col. 02537).
 Columbia Symphony Orchestra, "Al Fresco" (Herbert) (01092).
 Albert W. Ketelbey's Concert Orchestra, "By the Blue Hawaiian Waters" (Ketelbey) (05035).
 J. H. Squire's Celeste Octet, "Invitation to the Valse" (Weber).
 Orchestre de la Societe des Concerts du Conservatoire, Paris, "Le Rouet D'Omphale" (Saint-Saens) (02926).
 Plaza Theatre Orchestra, "Gipsy Suite" (German): (3) Menuetto (Love Duet); (4) Tarantella (The Revel) (02538).
 Columbia Symphony Orchestra, "Badinage" (Herbert) (01092).
 Menorah Symphony Orchestra, "Bar Kochba" Selection (Goldfaden).
 J. H. Squire's Celeste Octet, "Chant Sans Paroles" (Tchaikowsky).
 7.0 : News session.
 7.30 : Dialogue—Messrs. D. Cossgrove and W. Melbourne, "Radio Service."
 8.0 : Chimes. Overture—Grand Symphony Orchestra, "The Land of Smiles" (Lehar) (Parlo. A4283).
 8.8 : Baritone—Mr. Charles Dewhurst, with Octet accompaniment, (a) "Up From Somerset" (Sanderson); (b) "My Old Shako" (Trotter).
 8.15 : Piano—Mr. S. G. Hoskins, "Thoughts" (Hoskins).
 8.20 : Chery chirp and chatter—The Chatterboxes, "Humorous Patter"—"When Father Went Out Shopping" (Gordon).
 8.30 : March—Studio Octet (Conductor, Harold Beck), (a) "Stars and Stripes" (Souza); (b) "Hungarian Lustspiel" Overture.
 8.42 : Soprano—Miss Nancy Bishop, (a) "Orpheus With His Lute" (Sullivan); (b) "Golden Dancing Days" (Clark).
 8.48 : Accordion—Michel Haling, (a) "La Mitrailieuse"; (b) "Mya Valse."
 8.54 : Baritone—Mr. Charles Dewhurst, with Octet accompaniment, "The Crown of the Year" (Easthope-Martin).
 8.58 : Orchestral—Winter Garden Orchestra, "Storm Galop" (Komzak).
 9.2 : Weather forecast and station notices.
 9.4 : Talk—Mr. E. Iveagh Lord, "The Story of the Golden Coast" (continued), "Kumara and Richard John Seddon."
 9.19 : Selection—Studio Octet, "Maid of the Mountains" (Fraser-Simson).
 9.33 : Soprano—Miss Nancy Bishop, (a) "In That Old Fashioned Garden" (Rivinius); (b) "Goodnight Pretty Stars" (Johnson).
 9.38 : Chorus—Ural Cossacks, "Legende of Twelve Robbers" (Jaroff).
 9.42 : Piano—Mr. S. G. Hoskins, "Nocturne, Op. 9, No. 2" (Chopin).
 9.47 : Humour and sketch—The Chatterboxes, "Revenge and Pirates Bold."
 9.57 : Marek Weber's Orchestra, "Marching Song" (Benatzky).
 10.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—FRIDAY, SEPTEMBER 11.

- 8.0 : Selected recordings.
 5.0 : Children's hour, conducted by Aunt Sheila.
 6.0 : Dinner music session (Polydor)—
 Symphony Orchestra, "Die Fledermaus" (Strauss) (27178).
 Paul Godwin's Orchestra, "Japanese Cherry Blossom Festival" (Yoshitomo) (19747); "Egyptian March" (Strauss) (19647); "The Circus Princess" (Kalman) (19640).
 Hja Livschakoff and His Orchestra, "Estrellita" (Ponce, Davis).
 Paul Godwin's Orchestra, "Japanese Lantern Dance" (Yoshitomo).
 State Opera Orchestra, Berlin-Charlottenburg, "La Gazza Ladra."
 Paul Godwin's Orchestra, "Spring's Awakening" (Bach) (19647).
 Hja Livschakoff and His Orchestra, "Pas des Echarpes" (Chaminade).
 Paul Godwin and His Orchestra, "Third Waltz Medley" (Robrecht).
 7.0 : News session.
 7.30 : Talk—Captain H. M. McKay, "Aerial Exploration in the Southern Alps."
 8.0 : Chimes. "Songs of Other Days." A programme of delightful old tunes by Daggs Band, and Vocal Artists.
 Overture—Jack Hylton and His Orchestra, "Melodious Memories."
 8.9 : Solo and chorus—The Select Four, (a) "Maggie Murphy's Home" (Braham); (b) "After the Ball" (Harris).
 8.16 : Quadrilles—Daggs Band, "Old Time Melodies" (arr. Daggs).
 8.28 : Humour—Bert Rawlinson, (a) "Where Did You Get That Hat?" (Rolma); (b) "Sister Mary Walked Like That" (Massage).
 8.34 : Waltz—Daggs Band, "Old Time Melodies" (arr. Daggs).
 8.42 : Solo and chorus—The Select Four, (a) "I've Got Rings on My Fingers" (Scott); (b) "The Miner's Dream of Home" (Dryden).
 8.49 : Barn dance—Daggs Band, "Reminiscences of Early Days" (arr. Daggs).
 9.0 : Weather report and station notices.
 9.2 : Humour—Stanley Holloway, "Old Sam" (Holloway) (Col. DOX147).
 9.10 : Solo and chorus—The Select Four, (a) "Ship Ahoy!" ("All the nice girls love a Sailor") (Scott); (b) "Take Me Down Piccadilly."
 9.16 : D'Alberts—Daggs Band, "Days of the Past" (arr. Daggs).
 9.28 : Humour—Bert Rawlinson, "Molly O'Morgan" (Godfrey).
 9.31 : Chorus and solo—The Select Four, "I'll Take You Home Again, Kathleen" (Westendorf).
 9.34 : Accordion—Bastien, (a) "Serenade" (Metra); (b) "Czardas No. 1."
 9.40 : Solo and chorus—The Select Four, (a) "If Those Lips Could Only Speak" (Godwin); (b) "Poor Old Joe" (Trdlt.).
 9.46 : Medley—Daggs Band, "Good Old Songs" (arr. Daggs).

- 9.52 : Chorus—The Select Four, "White Wings" (Winter).
 9.55 : Waltz—Daggs Band, "Melodies of the Past" (arr. Daggs).
 10.3 : God save the King.

Saturday, September 12**1YA, AUCKLAND (875 KILOCYCLES)—SATURDAY, SEPTEMBER 12.**

- 8.0 : Relay from Eden Park of a running description of the International Rugby Match, Australia v. New Zealand.
 5.0 : Chimes. Children's session, conducted by Cinderella.
 6.0 : Dinner music session (Polydor)—
 Paul Godwin's Orchestra, "Aubade" Serenade (Schweitzer) (19512).
 "The Divorced Lady" Medley (Fall) (19521); "Lotus" Waltz (Ohlson) (23323); "Alsatian Country Dance No. 1" (Merkelt).
 Great Symphony Orchestra, "The Master Miner" (Zeller) (23315).
 Mandolin and Lute Band, "Per Aspera ad Astra" (Urbach) (21624).
 Paul Godwin's Orchestra, "Smitten" (Ziehrer) (21709); "Alsatian Country Dance No. 2" (Merkelt) (21210).
 Berlin State Opera Orchestra, "Knight Passman Ballet" (Strauss).
 Paul Godwin's Orchestra, "Bells of Vineta" Waltz (Lindsay-Thiemer).
 Mandolin and Lute Band, "Turkish March" (Mozart) (21624).
 Paul Godwin's Orchestra, "Flower Song" (Lange) (21709); "Rejoicings March" (Schweitzer) (19512).
 7.0 : News and market reports.
 7.40 : Talk—Mr. F. Mickelborough (under the auspices of the N.Z.A.R.T.), "The Transmission of Speech."
 8.0 : Chimes. Relay from Auckland Town Hall of the Concert by the Municipal Choir, under Mr. Maughan Barnett, City Organist.
 10.0 : Dance programme (H.M.V.)—
 Foxtrots—Jack Hylton and His Orchestra, "The King's Horses" (Graham) (EA820). Ted Weems and His Orchestra, "My Baby Just Cares for Me" (Kahn) (EA800). Nat Shilkret and His Orchestra, "Dixiana" (Caldwell) (EA799). Ted Weems and His Orchestra, "A Girl Friend of a Boy Friend of Mine" (Kahn) (EA800).
 10.12 : Waltz—Nat Shilkret and His Orchestra, "Dancing with Tears in My Eyes" (Dubin) (EA812).
 Foxtrots—The High Hatters, "Anchor's Aweigh" (Zimmerman) (EA 765). Jack Hylton and His Orchestra, "Adeline" (Nicholls) (EA 820). The High Hatters, "The Mug Song" (Gaskill) (EA765).
 10.24 : Vocal—Aileen Stanley, "Swinging in a Hammock" (Seymour) (EA808).
 10.27 : Foxtrots—Nat Shilkret and His Orchestra, "How are You Tonight in Hawaii?" (Leslie) (EA819). Nat Shilkret and His Orchestra, "Mr. and Mrs. Sippl" (Caldwell) (EA799). Green Brothers Marimba Orchestra, "Lo Lo" (Feist) (Zono. EE217). Nat Shilkret and His Orchestra, "Why Have You Forgotten Waikiki?"
 10.39 : Waltz—International Novelty Quartet, "Forget You? Never!"
 International Novelty Quartet, "Knocked 'Em in the Old Kent Road."
 10.48 : Vocal—Aileen Stanley, "I Love You So Much" (Kalmar) (EA808).
 10.51 : Foxtrots—Ben Bernie and His Orchestra, "It's a Lonesome Old Town" (Tobias) (Bruns. 4943). Waring's Pennsylvanians, "Little White Lies" (Donaldson) (EA812). Ben Bernie and His Orchestra, "Au Revoir—Pleasant Dreams" (Meskill) (Bruns. 4943).
 11.0 : The day's sports summary.
 11.10 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SATURDAY, SEPTEMBER 12.

- 8.0 : Relay of Rugby football match from Athletic Park.
 5.0 : Children's session, conducted by Aunt Molly.
 6.0 : Dinner music session (Columbia)—
 Albert Sandler and His Orchestra, "For You Alone" (Geehl) (01912).
 J. H. Squire's Celeste Octet, "Hungarian Dance in A Minor" (Brahms).
 Milan Symphony Orchestra, "Semiramide" Overture (Rossini).
 Ketelbey's Concert Orchestra, "The Clock and the Dresden Figures".
 Bournemouth Municipal Orchestra, "The Merry Brothers" (Gennin).
 Eddie Thomas's Collegians, "The Missouri Waltz" (Logan) (02553).
 Gil Dech Ensemble, "Valse Parisienne" (Roberts—arr. Barry) (01923).
 Debroy Somers' Band, "Mister Cinders" Selection (Ellis and Myers).
 J. H. Squire's Celeste Octet, "Minuet in D" (Mozart—arr. Willoughby).
 Organ—Emil Velazco, "Estrellita" (Ponce) (01795).
 Albert Sandler and His Orchestra, "Salut D'Amour" (Elgar) (01912).
 J. H. Squire's Celeste Octet, "Hungarian Dance in D" (Brahms).
 Ketelbey's Concert Orchestra, "Wedgwood Blue" (Ketelbey) (DOX21).
 Bournemouth Municipal Orchestra, "Echoes of the Valley" (Gennin).
 Gil Dech Ensemble, "Italian Nights" (Roberts) (01923).
 7.0 : News, market reports and sports results.
 7.40 : Lecture—Mr. W. M. Jackson, "Gardening."
 8.0 : Chimes. Relay from the Concert Chamber, Town Hall, of Concert by the Wellington Commercial Travellers and Warehousemen's Association Male Voice Choir.
 10.0 : Dance programme (Brunswick)—
 Foxtrots—Jacques Renard and His Orchestra, "Tie a Little String Around Your Finger" (Simons) (6032). Nick Lucas and His Crooning Troubadours, "Say Hello to the Folks Back Home" (Lombardo) (6013). Jacques Renard and His Orchestra, "I Hate Myself."
 10.9 : Waltz—Jacques Renard and His Orchestra, "Reaching for the Moon."
 10.12 : Foxtrots—Hal Kemp and His Orchestra, "Think a Little Kindly of Me" (Johnson) (6056). Isham Jones's Orchestra, "I'm so Afraid of You" (Kalmar) (6041).

- 10.18: Vocal—Harry Richman, "When Your Lover Has Gone" (Swan).
 10.21: Foxtrots—Isam Jones's Orchestra, "My Ideal" (Robin) (6041). Earl Burtnett and His Los Angeles Biltmore Hotel Orchestra, "I Surrender, Dear" (Clifford) (6034). Ben Bernie and His Orchestra, "To-morrow is Another Day" (Green) (4899).
 10.30: Waltzes—Nick Lucas and His Crooning Troubadours, "Falling in Love Again" (Hollander) (6048). Carter's Orchestra, "The Waltz of the Hills" (Fields) (6042).
 10.36: Foxtrots—Nick Lucas and His Crooning Troubadours, "Lady Play Your Mandolin" (Levant) (6013); "Walkin' My Baby Back Home" (Turk) (6048); Carter's Orchestra, "When the Bloom is on the Sage" (Howard) (6042).
 10.45: Vocal—Harry Richman, "Just a Gigolo" (Caesar) (6052).
 10.48: Foxtrots—Hal Kemp and His Orchestra, "I Want You For Myself" (Berlin) (6056). Earl Burtnett and His Los Angeles Biltmore Hotel Orchestra, "To Make a Long Story Short" (Gay) (6034). Ben Bernie and His Orchestra, "Liza Lee" (Green) (4899). Jacques Renard and His Orchestra, "Heartaches" (Klenner).
 11.0 : Sporting summary.
 11.10: God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SATURDAY, SEPT. 12.

- 8.0 : Broadcast of Rugby.
 4.25: Sports results.
 5.0 : Children's hour.
 6.0 : Dinner music session (Parlophone)—
 Karol Szeleter, pianoforte, with Berlin State Opera House Orchestra, "Suite Orientale" (Popy) (A3058).
 Dajos Bela Orchestra, "You and You" Waltz (Strauss) (A4080).
 Sandor Joszi Orchestra, "The Hobgoblin's Story" (Brecht) (A3027).
 Orchestra Opera Comique Paris, "Manon" Ballet Music (Massenet).
 Dajos Bela Orchestra, "Wiener Blut" (Strauss) (A4095).
 Berlin State Opera Orchestra, "Dance of the Hours" (Ponchielli) (A4144); "Norma" Overture (Bellini) (A4146); "Slavonic Dance Nos. 8 and 16" (Dvorak) (A4171).
 Dajos Bela Orchestra, "Gypsy Love" Waltz (Lehar) (A4080).
 Berlin State Opera Orchestra, "La Traviata" Prelude (Verdi).
 Dajos Bela Orchestra, "Voices of Spring" (Strauss) (A4095).
 Sandor Joszi Orchestra, "An Eastern Wedding" (Prychistal) (A3027).
 7.0 : News session.
 7.30: Sports results.
 8.0 : Chimes. Relay of Vaudeville programme from 4YA, Dunedin.
 10.0 : Dance programme (Brunswick)—
 Foxtrots—Loring "Red" Nichols and His Orchestra, "Things I Never Knew Till Now" (Winchell) (6068); Nick Lucas and His Crooning Troubadours, "When You Were The Blossom of Buttercup Lane" (Dubin) (6045); Colonial Club Orchestra, "All on Account of Your Kisses" (Oppenheim) (6075).
 10.9 : Waltz—Bob Haring and His Orchestra, "Sing Your Way Home." Foxtrots—Colonial Club Orchestra, "Please Don't Talk About Me When I'm Gone" (Clare) (6073); Abe Lyman and His California Orchestra, "What Have We Got To Do To-night But Dance?" (Kahn).
 10.18: Vocal—Nick Lucas, "The Kiss Waltz" (Dubin) (X4960).
 10.21: Foxtrots—Jack Denny and His Orchestra, "Out of Nowhere" (Heyman) (6088); Ben Bernie and His Orchestra, "When Your Lover Has Gone" (Swan) (6064); Jack Denny and His Orchestra, "Say a Little Prayer For Me" (Gilbert) (6088).
 10.30: Waltzes—Bob Haring and His Orchestra, "Tears" (Capano) (6009); Jack Denny and His Orchestra, "The Waltz You Saved For Me." Foxtrots—Brunswick Hour Orchestra, "Amapola" (Lacelle) (6067); Abe Lyman and His California Orchestra, "In a Cafe on the Road to Calais" (Klein) (6094).
 10.42: Vocal—Nick Lucas, "Maybe It's Love" (Mitchell) (X4960).
 10.45: Foxtrots—Jack Denny and His Orchestra, "You'll Be Mine in Apple Blossom Time" (Tobias) (6086); Tom Gerun and His Orchestra, "By My Side" (Link) (6064); "Maybe I'm in Love With a Dream." 10.54: Foxtrots—Ben Bernie and His Orchestra, "I Have To Laugh" (McGowan) (6068); Nick Lucas and His Crooning Troubadours, "You Didn't Have To Tell Me" (6045).
 11.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, SEPTEMBER 12.

- 12.30: Results of Dunedin Jockey Club's Spring meeting, Wingatui.
 5.0 : Children's hour, conducted by Aunt Anita.
 6.0 : Dinner music session (Columbia)—
 Columbia Symphony Orchestra, "March of the Bojaren" (Halvorsen).
 Debroy Somers Band, "The Desert Song" (Romberg) (02700).
 J. H. Squire's Celeste Octet, "Memories of Devon" (Evans) (DO254).
 New Queen's Hall Light Orchestra, "Summer Days Suite" (Coates); (a) "In a Country Lane"; (b) "On the Edge of the Lake"; (c) "At the Dance" (02590/1).
 H.M. Grenadiers Band, "New Sullivan" Selection (arr. Godfrey).
 Zurich Tonhalle Orchestra, "Andante" (Mozart) (02978).
 Johann Strauss and His Orchestra, "Voices of Spring" (Strauss).
 Columbia Symphony Orchestra, "Bridal Procession" (Grieg) (02622).
 J. H. Squire's Celeste Octet, "Collette" (Fraser-Simson) (DO254).
 Zurich Tonhalle Orchestra, "Gavotte From Idomeneo" (Mozart).
 New Queen's Hall Light Orchestra, "Wood Nymphs" (Coates) (02591).
 Johann Strauss and His Orchestra, "Radetzky March" (Strauss).
 7.0 : News session.

- 8.0 : Chimes. Overture—Berlin State Opera House Orchestra, "Martha" Overture (Flotow) (HMV C1506).
 8.9 : Novelty duo—Phillips Sisters (Trumpet and piano, with vocal refrain) (a) "You're Driving Me Crazy" (Donaldson); (b) "I Am Only the Words" (De Sylva).
 8.19: Baritone—Mr. E. J. Mee, (a) "A Bachelor Gay" (Fraser-Simson); (b) "Gipsy Love Song" (Herbert).
 8.25: Trio—De Rose, Pettitt, and L. Hunter, "Desert Song" Selection. Cello—Mr. L. Hunter, "La Cinqantaine" (Marie).
 8.35: Contralto—Miss Betty Hamilton, "You Will Remember Vienna."
 8.38: Marches—Trumpet and Bugle Band of 1st Battalion of Otago Regiment under Lieut. L. Napier, "Bugle Marches" (Trdl.).
 8.50: Chorus—The Merry-makers, "Merry-makers in Spain."
 8.54: Humour—Miss Eva M. Holland, "More Reminiscences of Margaret Pow" (Slater).
 8.58: Piano accordion—Mr. T. Heaney, "Popular Selections" (arr. Heaney).
 9.1 : Weather report and station notices.
 9.3 : Orchestral—Dajos Bela Orchestra, "Russian Fantasy" (Lange).
 9.7 : Novelty duo—Phillips Sisters (Trumpet and piano with vocal refrain) (a) "Lizzie Polka" (Hartmann); (b) "That Old-Fashioned Girl."
 9.16: Baritone—Mr. E. J. Mee, "When Irish Eyes Are Smiling" (Bail).
 9.19: Humour—Miss Eva M. Holland, "A Short Suit" (Lynn Doyle).
 9.24: Marches—Trumpet and Bugle Band of Otago Regiment, "Bugle Marches" (Trdl.).
 9.34: Contralto—Miss Betty Hamilton, (a) "Barcarole at Dawn" (arr. Bate-man); (b) "Along the Road of Dreams" (Brown).
 9.39: Trios—De Rose, Pettitt and L. Hunter, (a) "Love's Dream After The Ball" (Czibulka); (b) "Morena Y Sevillana" (Spanish Dance) (Maduro); (c) "Graces and Laces" (Dannenberg).
 9.50: Chorus with Orchestra—The Merry-makers, "The Merry-makers in Hawaii" (Ford-Haenschen) (Bruno, 20049).
 9.53: Piano accordion—Mr. T. Heaney, "Popular Selections" (arr. Heaney).
 10.0 : Dance session (H.M.V.)—
 Foxtrots—Victor Arden, Phil Ohman and Their Orchestra, "How Am I To Know?" (Parker) (EA700). Arcadians Dance Orchestra, "Pepita" (Mascheroni) (Zono. EE211); Bernie Cummins and His New Yorker Hotel Orchestra, "Livin' in the Sunlight, Lovin' in the Moonlight" (Sherman) (EA761); The Rhythmic Eight, "Figaro" (Mitchell) (Zono. EE211).
 10.12: Waltz—Jean Goldkette and His Orchestra, "Can You Blame Me?" Foxtrots—Henry Busse and His Orchestra, "I Came To You" (Conrad) (EA700); Gus Arnheim and His Orchestra, "I'm Feathering a Nest" (Yellen) (EA745).
 10.21: Vocal—Olga Albani, "It's You I Love" (Davis) (EA782).
 10.24: Foxtrots—New Mayfair Dance Orchestra, "There's Room in My Heart" (Gibbons) (EA693); "Cuban Nights" (Salvato) (B5808); "I'll Be Getting Along" (Gibbons) (EA693).
 Waltz—Bob Haring and His Orchestra, "Bye and Bye, Sweetheart."
 10.36: Foxtrots—Nat Shilkret and His Orchestra, "Congratulations" (Pinkard) (EA737); New Mayfair Dance Orchestra, "Cuckoo in the Clock" (Collins) (B5808); George Olsen and His Music, "The Moon Is Low" (Freder) (EA737).
 10.45: Vocal—Grace Hayes, "On the Sunny Side of the Street" (Fields).
 10.48: Foxtrots—The High Hatters, "You Brought a New Kind of Love To Me" (Kahal) (EA761); Nat Shilkret and His Orchestra, "Into My Heart" (Turk) (EA777); Herman Klenin and His Orchestra, "I'm Doing What I'm Doing For Love" (Yellen) (EA745). Nat Shilkret and His Orchestra, "Dark Night" (Grey) (EA777).
 11.0 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SATURDAY, SEPT. 12.

- 2.50 to 4.30 p.m. (approx.): Sports relay.
 6.30 to 7.30 p.m.: Children's session
 7.30 to 8.0 p.m.: Sports results and talks.
 8 to 10 p.m.: Concert and dance programme, with sports results.

Sunday, September 13

1YA, AUCKLAND (875 KILOCYCLES)—SUNDAY, SEPTEMBER 13.

- 8.0 : Chimes. Selected recordings and relay of portion of Organ Recital from the Auckland Town Hall by the City Organist, Mr. Maughan Barnett.
 6.0 : Children's song service, conducted by Uncle Leo.
 7.0 : Relay of evening service from St. David's Presbyterian Church. Preacher, —. Organist and Choirmaster, Mr. E. S. Craston.
 8.30 (approx.): Studio Concert by the City of Auckland Municipal Band (under Mr. George Buckley).
 March—The Band, "Fidelio" (Beethoven); overture, "Si J'etais Roi." Male choir—Ural Cossacks' Choir, "Ukranian Folksong" (Poly. 19824). Cornet solo—Mr. J. Davies, "Carnival of Venice" (Arban).
 Selection—The Band, "Faust" (Gounod).
 Dramatic recital—John Barrymore, "Hamlet's Soliloquy" (H.M.V.).
 Xylophone—Mr. Rowland Jackson, "The Meteor" (Greenwood).
 Poem symphonique—The Band, "Phaeton" (Saint-Saens). (A symphonic poem, depicting a mythological story. Phaeton having secured permission to drive through the heavens the chariot of the Sun, his Father, starts on his career. His unskilled driving, maddening the steeds, brings the fiery chariot too close to the earth, which is menaced with destruction, when Jupiter strikes the imprudent driver with lightning.)

Male choir—Ural Cossacks' Choir, "The Mother-in-Law" (Poly. 19824).
Flute—Mr. Hal C. McLennan, "The Swallows' Flight" (Koehler).
Selection—The Band, "By the Waters of Minnetonka" (Lleurance);
hymn, "Lead, Kindly Light" (Purday); march, "Holyrood."

10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, SEPTEMBER 13.

3.0 to 4.30: Afternoon session of selected gramophone recordings.

6.0 : Children's song service, conducted by Uncle George, assisted by the children's choir from the Lyall Bay Baptist Church.

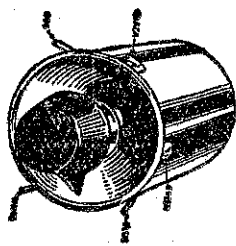
7.0 : Relay of evening service from the Trinity Methodist Church, Wellington South. Preacher, Rev. T. W. Vealie. Organist, Miss Lillian Thawley, L.A.B. Choirmaster, Mr. W. McLellan.

8.15 (approx.): relay of concert by the Wellington Municipal Tramways Band from St. James Theatre (Conductor, Mr. E. Franklin).
God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, SEPT. 13.

6.0 to 6.45: Children's Sunday Service.

8.15 to 10.0 p.m.: Concert programme.



"WEARITE SUPER 60"

Superheterodyne COILS

THE ANSWER TO STATIONS
OVERLAPPING!
KNIFE-EDGE SELECTIVITY.

A constructor in the Tiran district says:—

"I have had it going splendidly on short waves, and altogether 'The Super 60' ought to be the most satisfying set for any home constructor."

STOCKS OF COILS
NOW AVAILABLE.

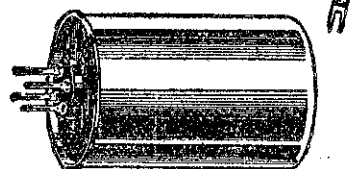
PER SET OF FOUR 70/-
(As illustrated).—

BOOKED to Arrive in 65/-
Six Weeks' Time—

For A.C. or D.C. construction.
Adaptable to Portable Sets.

ECONOMICAL.

Send for particulars and our new
Price List.



F. J. W. FEAR & CO.

63 WILLIS STREET, WELLINGTON.

Telegraph: "FEAR."

Our Mailbag

(Continued from page 10.)

anything else, wilfully shutting their eyes to the most damnable mess almost all State enterprises are in at the present day.

The proposals are far-reaching, but one thing I would like to ask the company is, why should it wish to perpetually own the chair? I think it would go a long way to inspiring confidence if the A shareholders had the chair for one year and the B for the next. The rate of dividend is strictly limited, so there should be no clash of interest between the two sections of shareholders, and with the P. and T. officers checking all business nothing could be hidden. I am a bit doubtful about the B shares when a license holder drops out. Unless these shares were reissued the A shareholders would eventually swamp the B shareholders. —J. T. Mosley.

Radio Listeners' League.

A CORRESPONDENT writes asking "What is the 'Radio Listeners' League,' and what are the conditions of linking in? I cannot find out anything about it."

[This organisation originated, we believe, in Dunedin, the organiser being, we understand, a Mr. Booth, who also held the position of secretary to "B" class stations. Its objective was to organise listeners with a view to effecting improvements in the radio service. The organisation has not made very much progress, and in Wellington its membership is very limited. A public meeting was held some time ago to institute the movement here, and this was fully reported in our columns.—Ed.]

Business Principles.

SOME little time ago Mr. R. H. Nimmo headed a deputation to the Postmaster-General about broadcasting, and assured the Minister that the deputation spoke for the whole of the radio trade of New Zealand. This fine effort of his was subsequently discounted by the published statement that the conference which appointed the deputation was attended by only eight men. It is pleasing to see that Mr. Nimmo is not daunted, but, like his great countryman, Robert Bruce, is "trying again." At a deputation which waited on the Minister last Wednesday, Mr. Nimmo, once more the spokesman, emphasised that the conference which appointed the deputation was "thoroughly representative of the trade throughout New Zealand." Mr. Nimmo did not on this occasion repeat his assurance that he was speaking for all the listeners as well as for the trade. Perhaps he is now consulting the listeners, and we may soon see him waiting on the Hon. Donald again and emphasising that he is "thoroughly representative of listeners throughout New Zealand." Mr. Nimmo takes quite a lot upon himself.

The statement prepared by the conference and submitted to the Minister provides most interesting reading. One is greatly struck by the very commendable altruistic motives which actuate the radio dealers. They hold the highest ideals in regard to broadcasting, so far as the transmission side of the service is concerned. No profit should be made by anyone. If there is any likelihood of the controlling authority, "whatever its form," making a profit,

"listeners and trade interests will suffer." The radio dealers are, of course, exclusively concerned about the listeners and the reference to their own interests is a slip of the tongue. The lapse, however, is made good, and the dealers' vital concern for listeners is clearly stated later on in the statement when the personnel of the proposed board of control is discussed: "We hold that the personnel of the corporation should be persons of judgment and independence, free from commitments, who inspire confidence by having no interests to serve other than those of public service. Our main object is not to serve any individual interest, but to secure the most efficient service for the general public."

That is as it should be. Some cynics might say that they would like to see Mr. Nimmo and some other dealers tempted with the opportunity to form a company to control the New Zealand broadcasting service, but there is little doubt that such an offer would be spurned with contempt. The creed of their "radio religion" distinctly lays it down that while profits on any scale can be made out of the selling of radio equipment "no profits shall be made out of a broadcasting service."

That is the radio dealers' Eleventh Commandment. In Mr. Nimmo's book it has displaced Elbert Hubbard's famous "Thou shalt not take thyself too d— serious." Whether or not Mr. Nimmo is breaking it with his own broadcasting station I do not know, but to suggest that such a keen business man as Mr. Nimmo was entirely altruistic when he erected his station would be almost a libel. I am afraid that as far as his Eleventh Commandment is concerned, he is a sinner in spirit if not in fact.

To carry out Mr. Nimmo's business dictum to its absurdity, if the making of profits means the "decline of the development and popularity of a broadcast service," the heavier the financial loss on 2ZW, the better the service will be. Going home in the tramcar after reading the report of the deputation, I thought over Mr. Nimmo's business maxim. As I passed a number of empty shops, whose former tenants had been through the bankruptcy court, I thought: "Well, at any rate, Mr. Nimmo would approve of the way they carried on a public service—but I expect he is just as well pleased if he is not a creditor in the estates."

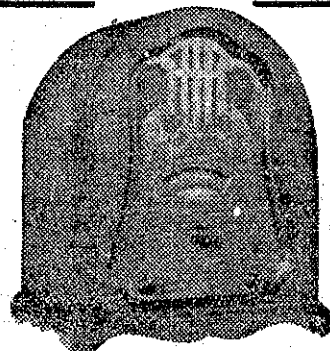
It says a good deal for the principles of Mr. Nimmo, who has been in the broadcasting business such a brief time, that he should so strongly urge, in the interests of the public, that the service should be publicly owned. Perhaps in a little while, if he hears of a radio dealer having declared a dividend of 7½ per cent., he will head a crusade to induce the Postmaster-General to proclaim that, in the interests of the public, the Government proposes to nationalise the selling of radio receiving sets. This would place the whole of broadcasting, back and front, in the hands of the Government and conserve all the profits for the public.—Khandallah.

Use Our Booking Offices in Advance

S-O-S

TRAVEL IN COMFORT BY
CAR

WELLINGTON — PALMERSTON
NEW PLYMOUTH



LYRATONE MODEL 63

SUPERHETERODYNE

COMPLETE WITH PENTODE
AND VARIABLE-MU VALVES

Another Shipment Due This
Week.

Try the Rest, Then Buy the Best.

Wholesale: **CRAWFORD & FINLAYSON LTD.**
BOX 675, WELLINGTON.

Retail: **F. J. W. FEAR & CO.,**
WILLIS STREET, WELLINGTON. Phone 41-446

Questions and Answers

(Continued from page 14.)

because you cannot get American stations that your set is not to blame, although it is certainly a little out of date. If it were in a better locality it would no doubt bring in plenty of American stations.

2. Can we do anything else to cut out QRN from the tramway?

A.: We had an article in the "Record" a week or two back which will help you, but unless you can get the co-operation of the tramways department there is really very little more to do.

3. Is my set supposed to be good for DX work?

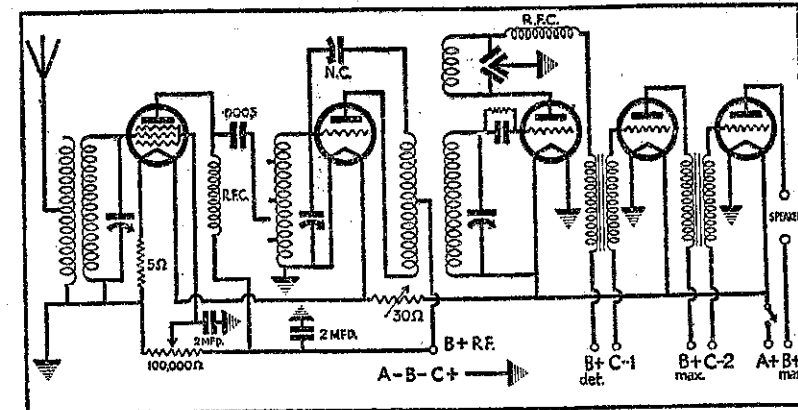
A.: We know very little about that model of set, other than it is slightly out of date. It should, however, be as good as the average.

NEW CHUM (Dunedin): Are the following valves suitable for a Brown-ing Drake four: 1. 226 and a similar valve in the last stage, 227 detector and first audio?

A.: The combination is by no means a good one. The 226 valve has gone right out of date. Use 227 in all stages except the last, and for that one use a high gain power valve, such as B605 or 405.

2. Could these be by-passed by half mfd. condensers?

A.: We have not seen a circuit in which the valves have been by-passed by half condensers. Condenser between the plate terminal of each valve and earth



The Hammarlund Roberts Circuit, with a s.g. r.f.

would certainly tend to keep down stray r.f. components.

3. Are these resistances suitable for the grid bias: 226, 1800 ohms, 227, 2000 ohms?

A.: Yes. There is no need to have them centre tapped.

ARMATURE (Dunedin): Your condenser is probably a .00025, and so the number of secondary turns is about right if you are using a 3-inch former.

L.M.M. (Palmerston North): Would a piece of hollow tubing in the air have the same effect as the hose pipe in an underground aerial? Would the inside of the copper catch the waves which are circulating inside, while the outside

also catch waves? I am only working on theory, and do not want to be rash and buy a lot of wire which will be of no use to me.

A.: Elaborate aerials such as you propose to erect are very rarely any more efficient than the ordinary. L aerial which we advise you to erect. Theoretically energy is collected only on the surface, and by exposing the outer and the inner surface you should collect more than by using a solid. However, the difference in practice would be very minute.

DINGO (Auckland): What height from the ground and length between the poles is most suitable for an aerial?

A.: As high as possible. Sixty feet is not at all top high. The total length of

aerial between the mast and lead-in should not exceed, say, 120 feet. An aerial 40ft. high and 60-100ft. long is an excellent compromise.

2. Should I get all Australian stations and some Americans on my 8-valve set?

A.: That is more than we can say, as so much depends on your locality. Your set may be able to bring in European stations, but your locality may be against you, and you may not be able to get all the Australians.

3. Which is the best—a short earth or a long one?

A.: The short earth wins every time.

DETECTOR (Blockhouse Bay): I wish to add a screen grid valve to my H.R. 4-valve set. Could you give me some particulars?

A.: Accompanying this query is the sketch, which should give you some idea of connections. Here are the specifications for 2in. coils. The first aerial coil consists of 20 turns of 26 gauge wire, and the secondary, tuned to .00035 condenser, is 75 turns of the same wire. The inter stage coil consists of 75 turns of 26 d.s.c. wire tapped at every 15 turns. The detector stage is the same as for the ordinary H.R. set. This hookup will do equally well for the Brown-ing Drake. The winning lists in the DX competition appears in this month's "Radio Log."

Australian Programmes

Times Corrected for N.Z.

Thursday, September 3.

STATION 2FC: 9.40 p.m., 10.15 p.m., and 10.49 p.m., The Sydney Madrigal Society. 9.47 p.m., concert duet. 10 p.m. and 10.59 p.m., piano and 'cello numbers.

2BL: 9.30 p.m., relay of programme from the Conservatorium Hall in connection with "Music Week."

3LO: 9.30 p.m., "Jack and Jill 'Propriety' Unlimited." 9.45 p.m., dance items, interspersed with novelty numbers.

3AR: 9.45 p.m., programme of studio reproductions.

Friday, September 4.

STATION 2FC: 9.30 p.m., a concert hour, arranged by the Musical Association of N.S.W. 10.45 p.m., an old-time minstrel show, relayed from 3LO.

2BL: 9.30 p.m., an orchestral hour. 10.30 p.m., "A Seat in the Park," a comedy.

3LO: 9.30 p.m., excerpts from the compositions of Madame Florence Ewart. 10.45 p.m., an old-time minstrel show.

3AR: 9.50 p.m., community singing from the Ballarat Town Hall.

Saturday, September 5.

STATION 2FC: 9.30 p.m., final concert programme presented in connection with Music Week from the Conservatorium Hall.

2BL: 9.30 p.m., 11 p.m., 11.24 p.m., and 11.49 p.m., The Sevilla Gipsies. 9.35 p.m. and 11.17 p.m., Frank Botham, baritone. 9.40 p.m., Jake and Lou in "Humoristics." 9.52 p.m. and 11.32 p.m., Rene Rich, violiniste. 10 p.m., description of boxing contest at Sydney Stadium. 11.7 p.m. and 11.39 p.m., Cash and Carrie, entertainers.

3LO: 9.30 p.m., "September Snapshots"—the monthly review.

3AR: 9.30 p.m., brass band and ballad concert.

Layerbilt cells get power from every inch of space

— bigger electrodes lengthen service and lower internal resistance means a lower voltage drop when in active service. Columbia "B" Batteries give your radio greater clarity, volume and distance: they mean economy and

Longer Life!



Factory Representatives: Ellis & Company, Ltd.
Chancery Chambers, O'Connell St., Auckland

Dual Wavetraps

(Continued from page 15.)

Operating the Rejector.

To put the device into operation, connect the aerial to the appropriate terminal (marked aerial) and join the other terminal by means of a short piece of flex to the aerial terminal of the set. Loosen the adjusting screws on both Formodensers so that there is minimum capacity across each coil. Now tune the receiver to 2YA—just off the loudest point and with the switch closed turn down, turn down the screw on the Formodenser until the station becomes perceptibly weakened or disappears. This operation will slightly alter the setting of the tuning condenser on the set, so make the required readjustment and endeavour to reduce still further the signal strength by careful adjustment of the right-hand condenser. If complete rejection is not possible change over to different tappings and then try again.

With the switch still closed repeat the performance on the next Formodenser, by tuning just off 2ZW. The use of the switch enables one of the traps to be thrown out of the circuit when one station only is operating. If both were off the air neither trap need be used and for the purpose of cutting both traps out a further switch could be used in the lead going from the bottom of the right-hand tuning condenser to the lower end of the tuning coil.

In the optional circuit greater variety is allowed for, and the two-way switch makes possible the rapid changing from one trap to another.

FOR SALE OR EXCHANGE

The rate for small advertisements under this heading is 1/6 cash for 20 words, and twopenny for every other word thereafter.

PHILIPS 3002 Eliminator, 3 months' use, £7; unused "Arcurus" 224 S.G., "Plotron" 227, 25/- or offer. 435 Main Street, Palmerston North.

RADIO DIRECTORY

What to Buy and Where

CITIES.

BURGESS RADIO BATTERIES, All Radio Dealers.

LOFTIN-WHITE AMPLIFIERS Stewart Hardware Ltd.,
Courtenay Place, Wellington.

MULLARD VALVES All Radio Dealers.

RADIOLA RECEIVERS and Farmers' Trading Co., Ltd.,
Expert Radiola Service Hobson Street, Auckland.

COUNTRY TOWNS.

PHILIPS VALVES AND APPARATUS All Good Radio Dealers.

Short-Wave Club

The Secretary Writes

INCLUDED in this week's mail was a letter from New Jersey which contained a dollar bill for payment of the sub. He mentioned that he had won a DX competition, and had received some books and curios from Mexico.

An American listener compliments us on our QSL card, which he says is better than their Ekko style, as the name stands out boldly in red, a good advertisement for New Zealand.

Reports state that reception is improving. I had a letter from SXAL, asking for reports on his transmission.

At our last club meeting some interesting subjects were discussed, but some who attended were too shy to ask questions. Great interest was taken in an exhibit of home-made batteries. Mr. Clark, of ZL2AW, gave some interesting information and explained many technical terms.

A new member asked me recently what was the station with the call CQ.

I suppose it is due to the times, but a good many are going in for two-valve sets; from my experience the day of the constructor is not over in New Zealand.

Owing to Mr. F. T. Cropp being out of the district the 2BA Sunday evening slow Morse has been discontinued, but another well-known transmitting member, Mr. G. King, ZL2GM, of Island Bay, has volunteered to come on from 10.30 to 11 a.m. on Sunday. He will probably come on 'phone before and after the session, and will have a distinctive note. His address for reports is 80 the Parade, Island Bay, Wellington. Since the club slow Morse classes started a number have gained sufficient experience to sit for their tickets. ZL1BC, of Auckland, helps the enthusiast up north from 7 to 8 p.m. on Mondays. He comes in plainly here, but owing to a powerful station just near me everything from 45 to 80 metres is spoilt, so I will have to experiment with a wave-trap.

I am indebted to Mr. B. Lockerbee, NZ39W for his able assistance during my partial incapacitation. Practically since the inception of the club Mr. Lockerbee has been my right-hand man, and, no matter how busy he has been, he has always found time to help, not only the club, but shortwaveers with their troubles as well, and it is only fitting to place his services on record.—Yours, A. B. McDonagh, Secretary, N.Z. Shortwave Club, 274 Cuba Street, Wellington.

Children's Sessions

FROM 2YA.

Monday: Here is Uncle Jeff with his Puzzles and Riddles, and Mrs. Mildred Kenny's Juvenile Band with their mandolins, steel guitars and ukuleles. Some little cousins will sing and recite, and Kipling Lady will also be present.

Tuesday: Jumbo and a party of children from Khandallah are going on an adventurous trip from the Cape to Cairo. Jumbo knows the African jungle well.

Wednesday: We expect the "Golden Auntie" to be back from Auckland, and to be ready to tell some more tales of the little Indian children to-night. The Cheerful Chirpers will chirp as brightly as ever. Birthday Greetings as usual.

Thursday: Uncle George and Big Brother Jack to-night. The programme will be given by a party of children under the conductorship of Alice Duff. There will be an Irish jig and some tap-dancing, as well as bed-time stories.

Friday: This is to be a special "Clock Evening," when you will hear all about "Big Ben" and the famous clocks of Europe. There will also be a visit to an old-fashioned clock store.

Saturday: Tweedledum is taking Miss Fitzgerald's party of performers to introduce them to the insects in Loo King Glass Land. Aunt Molly and Uncle Jasper will be present.

Sunday: The Lyall Bay Baptist Children's Choir, under the leadership of Mr. Rain, will be in the studio to-night. Uncle George will conduct the service.

1YA Church Service Committee

THE 1YA Church Service Committee met on Tuesday, August 11, when there were present: Revs. Geo. Heighway (Congregational Church), W. Walker (Methodist Church), Geo. Coats (Church of England), W. D. Morrison-Sutherland (Presbyterian Church), Ensign Thorne (Salvation Army), Messrs. D. Donaldson (Church of Christ), L. C. Barnes.

An application for the broadcast of a service was received from the Unitarian Church, and the committee allotted the first available Sunday.

The application of the Beresford Street Congregational Church to have their Sunday school anniversary broadcast from the Town Hall on October 11 was approved.

SPECIAL VALUES

0-50 Pocket Voltmeters, 7/6. Now 5/-
171 A.C. Tubes, for Electrics, 18/-.

Now 10/6
Tone Controls, for Push-Pull Sets, 19/6
Speaker Extension Cords. 20ft., 2/-
Speaker Extension Cords. 50ft., 1/6
Extension Cord Connectors 1/3
Hydrometers—small, 2/3; large, 3/6
"C" Batteries, 4½-volt, 1/-, 3/9; 9v. 2/9
Spark Tester and Pencil, 1/6; large, 1/9
3-Valve Radio, complete £12/10/-
Speakers from 37/6, less special discount

ROYDS-HOWARD CO.,

553 Colombo St., Christchurch.

Advisory Committee

4YA Musical and Dramatic Committee

AT the last meeting of the 4YA Musical and Dramatic Committee, Mr. H. P. Desmoulin (representing the Dunedin Choral Society) presided, there being present also: Messrs. J. G. Butler (Royal Dunedin Male Choir), A. Cook (Dunedin Burns Club), H. Russell (Dunedin Orphans' Club), H. Renfree (Anderson's Bay Glee Club), H. O. McFarlane (Dunedin Orchestral Society), P. S. Anderson (Returned Soldiers' Choir), J. Hilmberg (Dunedin Philharmonic Society), Lloyd Ross (W.E.A.), A. F. O'Donoghue.

Mr. Renfree, who took his seat on the committee for the first time, was cordially welcomed. The resignation of Mr. S. H. Osborn (Orchestral Society) was received with regret. There were apologies for absence from Mr. Max. Scherek and Mr. Crossley Clitheroe.

The station manager reported on programmes broadcast during the past month and on coming attractions.

The chairman brought up the question of the proposed Government control of broadcasting, and it was decided that a resolution strongly urging the retention of the present system should be forwarded to the Postmaster-General.

After a general discussion on entertainment features the meeting adjourned.

TWO popular Auckland bandmasters who are well known to 1YA listeners are leaving for England. These are Bandmaster Paice, of the Salvation Army Congress Hall Band, and Bandmaster Wynne Smith, of the Auckland Artillery Band. Both gentlemen were tendered farewells this week, and their departure from Auckland will be regretted by many who have enjoyed their efforts.

A money back guarantee covers every purchase

Valve Sockets UX and UY of low loss and minimum self capacity, exceptional workmanship, all metal parts nickelled and terminals arranged for clamped and soldered connections.

UX 1/10. UY 2/1.
each, Post Free.

STANDARD

By-Pass Condensers, all 1000 volts, tested. Capacities .01 mfd., 1/6; .05 mfd., 2/3; .1 mfd., 2/9; .5 mfd., 2/6; 1 mfd., 3/-; 2 mfd., 4/-; 4 mfd., 7/6.

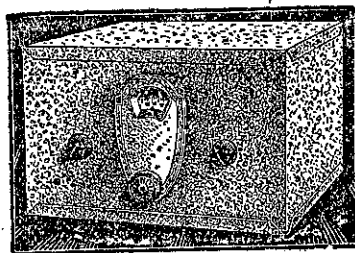
All 1931 Tested.

BOB HORROBIN
Flashlight Corner 2 Courtenay Place
WELLINGTON

Quick Repairs Phone 22357

Enjoy SHORT-WAVE RECEPTION too!

from Your MAJESTIC RECEIVING SET



Now you can have the added entertainment of short-wave reception from your Majestic Radio Set.

Here is the very latest and most interesting radio development—a self-contained all-electric operated converter which makes a

POWERFUL SHORT- WAVE SUPERHETERODYNE

from your Majestic Set!

The aerial lead is simply removed from the broadcast receiver and connected to the aerial terminal of the SILVER MARSHALL 738, two leads are then run from the converter to the aerial and earth terminal of the broadcasting set.

Simplified Single Dial tuning covering 18 to 206 metres, by attaching the—

SILVER-MARSHALL 738 CONVERTER

Full particulars from N.Z. Distributors.

THOS. BALLINGER & CO.,

LIMITED

VICTORIA STREET, WELLINGTON.

N.Z. Distributors for Silver Marshall Receivers and Cabinets.

Factory Imports Company, Ltd., 96 Tory Street, Wellington.



Short-wave Notes

New Schedule.

ACCORDING to the latest information to hand from the General Electric Company, Schenectady, New York, their short-wave stations are now working on a new schedule, as follows:—

W2XAD, 19.56 metres, relays WGY daily from 7.30 a.m. to 10.30 a.m., and on Mondays from 5.30 a.m. to 7.30 a.m.
W2XAF, 31.48 metres, relays WGY daily from 9.30 a.m. to 3.30 p.m. (all N.Z. times).

XDA Broadcast News Service.

THE Trans News Service, of 43 Colon Street, Mexico City, broadcast from station XDA, Mexico City.

A New Short-waver.

A NEW short-wave station working on about 25.6 metres, with the call letters, YV4BV, or YV4VV, is located at Valencia, Venezuela. They broadcast nearly every day from 12.30 p.m. to 2.30 p.m., our time.

French Short-wave Station.

THE new French Colonial station works on three wavelengths; 19.68, 25.20 and 25.63 metres. They can be heard every morning from 8.30 a.m. on 25.63 metres, often on 25.2 metres at the same time. The address for reports of reception is "Ministère de Poste Télégraphiques et des Téléphones, Service de la Radio Diffusion, 103 Rue de Grenelles, Paris."

Stranger on 49.6 Metres.

A FOREIGN station has been reported on about 49.6 metres, about half-way between WSXAL and W9XF. The language, according to one listener, was thought to be Spanish. The most recent report was for Saturday, August 29, when this stranger was well received till 6.45 p.m., at which time they closed down. Has anybody identified this new short-waver? South America appears a likely place.

Moscow Short-wave Stations.

THE station heard every morning, and reported as REN, is the short-wave station of the Central Home of the Red Army. The wavelength is given as 45.38 metres, power 10 k.w.

The Trade Union short-wave station, working on 50 metres, has a power of 20 k.w. There is another station working on 41.75 metres, with the lower power of 1.5 k.w.

Log for Week ending August 29

MOST of my listening during the past week or two has been confined to the early morning on account of a power leak which, when it is on, puts a stop to all listening.

72 metres (about).—Saturday night, strong carrier till 12.45 a.m., when music is heard at R4, but call not heard.

RV15, Siberia, 70.1 metres.—Back to his usual strength with a little more music than we used to get.

HVJ, Vatican City, 50.26 metres: A talk in English was heard on Wednesday morning from about 6.45 a.m. at

R9. Good volume each morning, but difficult to separate from Moscow.

PMY, Java, 58.53 metres.—Midnight, Saturday, music M5, static bad.

Moscow, 50 metres: Volume good each morning till after 7.30 a.m., when it decreases. Quality is very poor at present.

W9XF, Chicago, 49.83 metres: Saturday R5 with a noisy background at 4.30 p.m.

ZL2ZX, Wellington, 49.5 metres: Monday, Wednesday and Thursday evening and Saturday afternoon. Maximum volume with excellent quality.

WSXAL, Cincinnati, 49.5 metres: Sunday and Saturday afternoons, closing at 5.30 p.m., reaching R8-9, and Friday and Saturday nights from 11 p.m. at R8.

F3ICD, Saigon, 49 metres: From 11 p.m. at R9 every evening.

48.85 metres (about): Wednesday at 10.20 p.m. talk and music at R8. Static was too bad to get a call, but the voice was American.

47.2 metres (about): Thursday morning, 7.40 o'clock, foreign talk, R5. Static bad.

W3XL, Boundbrook, 46.69 metres: Sunday, Paul Whiteman's Orchestra till 4.15 p.m., organ recital following till 4.30 p.m., R9. Saturday, R8-9 at same time.

REN, Moscow, 45.38 metres: Each morning R8-9, talks and music. Volume good till after 8 a.m.

Radio Maroc, Rabat, 32.26 metres: Monday, 7.35 a.m., good at R8-9.

OXY, Denmark, 31.51 metres: Tuesday, Wednesday, Thursday and Saturday, about R3 at 7 a.m., except Thursday, when they were R7, but were very gushy at 7 a.m.

W2XAF, Schenectady, 31.48 metres: Sunday reaching R8 by 3 p.m., and Sunday till 3.30 p.m. reaching R9.

Zeezen, Germany, 31.38 metres: R8-9 each morning at 7.30 a.m., but inclined to be gushy. On Friday at 6.45 a.m. an English talk was heard, apparently by an American movie producer, as his talk was about his choice of actors and actresses who later became stars, etc.

WIXAZ, Springfield, 31.35 metres: Saturday, R4 at 2.30 p.m., increasing to R7-8 by 3.30 p.m., when an organ recital was being relayed from the Paramount Theatre, Springfield.

PCJ, HoPond, 31.28 metres: Only heard on Saturday, when they were R8 on signing off just after 7.30 a.m.

VK2ME, Sydney, 31.28 metres: Sunday evening and Monday morning, volume good, severe fading as usual.

FYA, Paris, 25.63 metres: Sunday from 8.30 a.m. R8, spoilt by interference.

G5SW, Chelmsford, 25.53 metres: Not audible till soon after 6.30 a.m., reaches about R7 by 7.30 a.m. On Wednesday morning at 7.30 a.m. Ramsay MacDonald was heard giving his broadcast talk about the new Government. His talk was about 50 per cent. readable, rapid fade being bad. The evening session from 11 p.m. is just audible now, but fades out by 11.30 p.m.

12RO, Rome, 25.4 metres: Like G5SW, this station is not audible till after 6.30 a.m. and is best about 7.30 a.m., when they reach R8.

W8XK, Pittsburgh, 25.25 metres: Sunday R7-8 at 2.30 p.m.

Why Not Try?

AN English correspondent writes:— Interesting and profitable work, suitable for an experienced cook who must live at home, is making up, to order, other people's recipes when neither they nor their staff have the inclination or skill to undertake them. No more plant or outfit is necessary than a properly furnished kitchen.

To begin the venture, the cook should insert a small advertisement in the local paper stating that she will make up, at short notice and for a small charge, any recipe for cakes and so on brought to her, and it is advisable to add "only best ingredients used." This remark will show, too, that the cook intends to provide her own materials.

The cook must not, at first, lay in a stock of every likely ingredient for fear they are left on her hands, but buy as required, gradually procuring them in bulk as the business increases. A certificated cook who has already worked professionally will get a discount on her purchases, and many firms will allow it to an amateur if asked to do so. All ingredients must be charged at retail prices to the customer.

When calculating the charge for work done, the fuel used in cooking, the ingredients, packing, the worker's time, and a small amount for wear and tear and cost of baking tins must be added together. The cost of fuel can be reckoned with the aid of the meter, and, if this is found difficult, the gas or electricity authorities would give advice. Some saving may be made by arranging, when practicable, to cook various articles at once or one after the other.

The most important qualities for the cook to possess, beyond professional skill, are punctuality and reliability, as it is invaluable for her to acquire a reputation for always having the goods ready at the hour for which they were promised. She need not undertake delivery unless the business grows into a large one, which is unlikely, but should pack the cooked articles smartly in cartons, to facilitate carrying, and always use the same design so that she may become known by them.

These Good Days.

TRULY a desirable age, this twentieth century, in which to be alive, in spite of all talk to the contrary. That is the gospel according to Angela, who runs her quite large household by the aid of electricity, and insists that it is the perfect servant for which harassed chateaines have been seeking down the centuries. Having once used an electric iron, she asks aggressively but with truth, who will revert to the old variety, with its consequent heated tramping between table and stove? And what of the



worthy vacuum cleaner? And friendly toaster, incomparable hair-waver, floor polisher, and cheery torch that sheds its light upon a naughty world in the chill small hours? Clutching the latter trusty henchman, the bachelor girl, undaunted, faces suburban side street of Cimmerian gloom. Yes, Angela is right, there is much to be said for this year of grace.

The Ubiquitous Beret.

CHANGE and contrast present much interest in the hats for the early season. The "forward" movement has definitely arrived, the beret and bonnet may linger just for the holiday season, as they are good for travel and country wear, but from the point of view of real fashion they have been pushed out of the mode by shapes that present startling contrast. The new hats are most adorable affairs with a rakish tilt and a great air of distinction. But they will require "wearing." Coiffure will be more than ever important, for although the right eyebrow is covered, on the left there is much hair revealed.

Island of Dreams.

MOST of us have permitted ourselves to dream about an ideal island. Mr. R. M. Lockley was more fortunate. He not only dreamed but his dream came true, and he entered into legal possession of "250 acres or thereabouts of rough grazing," which, in other words, meant the island of Skokholm, off the coast of Pembrokeshire. How a modern Robinson Crusoe lives on an island otherwise inhabited by birds—and a hundred different species of them—can be gleaned by reading this Thoreauvian account in "Dream Island," which, described as a record of the simple life, is a fascinating narrative of life when lived close to nature.

A Close-up.

ONE conversant with London life writes: Before the Hotel Cecil vanished it was a favourite place for the vast lunches given by that very genial company "The Society of American Women in London." Americans love speeches and are remarkably good listeners. I never saw their good manners fail, except when, having secured Mrs. Meynell to speak at the

Hawthorne Centenary, they could not hear a word she said. Her dainty oratory was not for that abominable acoustic, but sitting next to her I could thoroughly enjoy her note of profound admiration for that half-forgotten classic "The Scarlet Letter." If the food was indifferent, I had a charming neighbour, the writer of the best-seller of the moment, the popular "Rebecca of Sunnybrook Farm." I never met a writer so like her books as Kate Douglas Wiggin. She had a fascinating smile, and was all "couleur de rose" in muslins and floating scarves. Neither she nor Mrs. Hodgson Burnett, who was close at hand on that baking July afternoon, at the

The sea of fortune doth not ever flow,
She draws her favours to the lowest ebb,
Her tides have equal times to come and go,
Her loom both weave the fine and coarsest web.
No joy is great but runneth to an end,
No hap so hard but may in time amend.

—Southwell.

zenith of the surprising mania for her "Little Lord Fauntleroy," had an ounce of self-consciousness.

Delicate Death.

THE memory of a love that has been cut short by death remains still fragrant, but no recollection of the past can keep sweet a love that has dried up and withered through accidents of time and life.

—Notebooks of Samuel Butler.

Economy Reigns.

THE most notable feature of London this summer is the absence of Americans, an absence hotel and tourist agencies are feeling. All Americans "talk poor," so I am told by a friend who is just back from New York, and all are economising. Many institutions are suffering from this economy, half the theatres are closed, and the registration at women's universities has fallen off alarmingly.

Clothes are extraordinarily cheap, and American women, proverbially the most extravagant in the world, are belaying their reputation by wearing cotton evening dresses. It is a consoling thought, however, that broderie anglaise, dotted Swiss and organdie look delightfully cool on a hot night and are particularly suitable for the present styles.

Eve Triumphant.

WOMEN'S clubs in Manchester are hospitable institutions. They welcome guests of both sexes, and even invite distinguished male citizens to lecture to their members. By way of contrast, men's clubs are almost monastic in tone, but women are slowly

worming their way into these male sanctuaries. A year ago the Brasenose Club decided, with some diffidence, to admit women to their premises. The door was not thrown open, but it was held ajar. Even now women cannot be members of the club, but they may come to tea or dinner as guests. The move was viewed with some trepidation by the traditionalists, but one gathers that the experience has justified itself. A portion of the dining-room has been set aside for the purpose, and a number of members have taken advantage of the facilities provided to entertain their womenfolk. A mixed dinner party held during the winter was even voted a great success. The Clarendon has been another club to come into line, and Manchester's two great political clubs, the Reform and the Constitutional, both admit women as guests at certain times. One of the reasons for the admission of women to men's clubs is no doubt financial. The growing popularity of motoring and golf takes members away from the city and hence out of the clubs at night. By admitting women the clubs secure at least some of the custom which would otherwise go to restaurants. But as one man put it, it will take at least another war before women are admitted as full members.

Do You Wear White?

SALLOW skins and poor complexions rarely appear to advantage in white—unless their owners are wise enough to alter their complexions to suit their frocks! If you are too sallow to wear white successfully, try using a deep ochre powder, a touch of geranium rouge and lipstick—and mark the difference. Dark women will find that while of a colder tint than that which may be successfully worn by their blonde sisters is more becoming to brunettes. Satin, for example, is more becoming to a brunette than white georgette. If you are of the tailored type, never omit a touch of white—it gives you a well-groomed appearance that nothing else can impart so well.

Elegant.

IN Paris the smartest women almost invariably wear black on the street, and many in London, too, show preference for it. Perhaps nowhere do we see such charming and perfectly groomed women as we meet in these cities. They have the real flair for dressing with distinction and charm that make strong appeal to the passer-by. Yet if we begin to analyse that charm, we can find nothing glaringly striking. On closer inspection, however, we decide that perfect grooming, a simplicity of style and faultlessly cut garments have something to do with it; and that the wise woman wears black, if that suits her, often unadorned except by ropes of pearls.

Vanity and Vanities.

A FAMOUS hairdresser has invented a new coiffure—wig or head-dress—call it what you will. It is made of real hair, mounted on silk mesh jersey and lacquered. Hair in all its natural colours is used for these coiffures, and they can be worn two or three times without redressing. Blondes may use them, and become brunettes at night-time. Lady of the raven tresses may transform herself into an auburn-haired beauty. Mauve, pale blue, even pale pink—you can match your coiffure to your frock—if you can afford the fancy and dare to do so.

STARTLING OFFER!

A WEEK'S TRIAL WILL CONVINCE YOU!
LOVELY GLOSSY HAIR BY USING AN
ELECTRIC COMB

Solid Xylonite, beautiful finish. Previously sold at 10/6.

Now only 4/10 complete with testing bulb and battery. Postage 6d. extra.

"GIVE YOUR HAIR THE TONIC IT NEEDS."

G. G. MACQUARRIE

Electrical and Radio Dealer, 120 WILLIS STREET, WELLINGTON.

... With ... BOOK and VERSE

By "John O'Dreams"

Jottings

"MY Life Story: From Archduke to Grocer," is the arresting title of what with truth may be termed a human document, the author of which is Leopold Wolfing (ex-Archduke Leopold of Tuscany). From the first sentence, "I take up my pen with the painful suspicion that in the eyes of the world I rank as one of Europe's bad boys" to the last, "Down and out though I may be, I am seldom discontent: I still travel, singing," our attention is riveted on the good and ill-fortune, mostly the latter, of this scion of the house of Hapsburg.

A democrat from youth up, the Archduke passed a Bohemian existence in Berlin, Paris, and the Riviera, experimented for a short space with colony of back-to-nature cranks, married twice (each time unhappily), for a time acted as salesman in a clothier's shop, sawked sausages in Berlin, and at long last, when fifty years of age, ran a grocery business in Vienna. "To be a successful grocer," says the Royal writer with engaging naïvete, "one must have brains, and—I can only speak from my own first-hand observation—brains are a commodity which few Royal personages possess. I myself was never more conscious of my lack when, after I had slaved away as a small grocer for nearly a year in Vienna, my creditors swooped down on me and I had to put up shop."

In this extraordinarily interesting volume there are vivid pen pictures of Continental royalties who figured in world history during past couple of decades. Frank, vivacious, transparently sincere, and without a trace of mauvaise honte, the chronicler gives away intimate secrets of the court circle of which he was a member and habitué before he cast off for ever the trammels of its hidebound regulations. Without fear or favour are limned the portraits of that tragic pair, the ill-fated Archduke Francis Ferdinand and Sophie, his consort; also the Emperor Francis Joseph (with whom the youthful democrat was far from popular), and his only son, the unhappy Crown Prince Rudolf. We are given unvarnished statements anent army and navy, unfair treatment in each of these services, and consequent marriage of the Royal raconteur to the fatally incompatible Johanna, from which indiscretion ensued banishment from the Emperor's entourage.

An exile, he wandered many cities of the world, usually in dire financial straits, meeting the strange bedfellows that poverty brings, and like the veriest guttersnipe, scraping a living in mean streets. In Berlin one day casually he makes the acquaintance of the beautiful Claire; and the episode of his sad and bad.

Prize Poem Competition

THE prize of half a guinea in the current competition is awarded to M. Lynn Gurney for the fascinating "Frosty Morning," with its vivid realisation of cleavage between straight path of duty and delights of nature's primrose path of dalliance. The work of "Caesar" and "Ginger" is selected for special commendation, the efforts of both these contributors, apart as the poles in subject and treatment, being interesting and skilful, and only second in merit to that of the prize-winner.

"Morning Song" is altogether too slight for critical comment.

"Alpha": Sorry, lack of space precludes publication of earlier poem held for consideration.

"Balm" gives evidence of poetic vision and skill in technique.

"Merrie": Creditable work in the sonnet form, central idea being woven into compact expression that keeps within broad rules of literary model selected. Perhaps the most finished work that has yet reached us from this contributor.

R.S.R.: We are at one with you in love of that enchanted isle; but, despite rhyming facility and clear-cut phraseology, your verses are lacking in the elusive quality that is an essential factor in poetry.

"Bill Sikes" sends lusty lines anent setting forth of "Nautilus" on questing adventure, but he is over-colloquial and anyhow exceeds the allotted limit of 24 lines.

J.McC. sings of the spring that is to be with spiritual fervour and some sweetness.

"Wild Rose," as ever, emphasises delight in the lovely world in verses that have an ingenuous appeal, "Spring Magic" in our opinion being adapted to a musical setting.

"Around New Zealand" is a conscientious catalogue of out-of-door sights and sounds in easily-flowing but undistinguished lines.

"Pierre": Bumble and burble, all ending in nothing.

"Smart Alec": We offer a negative to all your affirmatives.

"Nanchen": No, no, Nanette.

Frosty Morning

*I must go in and work!
Though the wind calls like an Ave sung,
And the day rises in a fan-spread flame,
Moonstone and opal and amethyst;
And the trees are diamond hung and shot with pearl . . .
Though the plains fling frosted grass to the ranges,
And the sharp wind blows. . . .*

*I must go in and work!
Though the day breaks in enchantment
And the careless sky is filled with little twisted clouds. . . .
The cold, blue river stirs.
The scented water throws its fragrance to the waiting gorse,
Though the haloed willows hold a haunting loveliness,
And their mystic shadows beckon. . . .*

*I must go in and work!
But my heart is with the sharp wind where it blows. . . .*

—M. Lynn Gurney.

friendship with this young working girl, her selfless devotion, gaiety, and spiritual appeal, makes a fragrant memory amid much that is tragic and sad and bad.

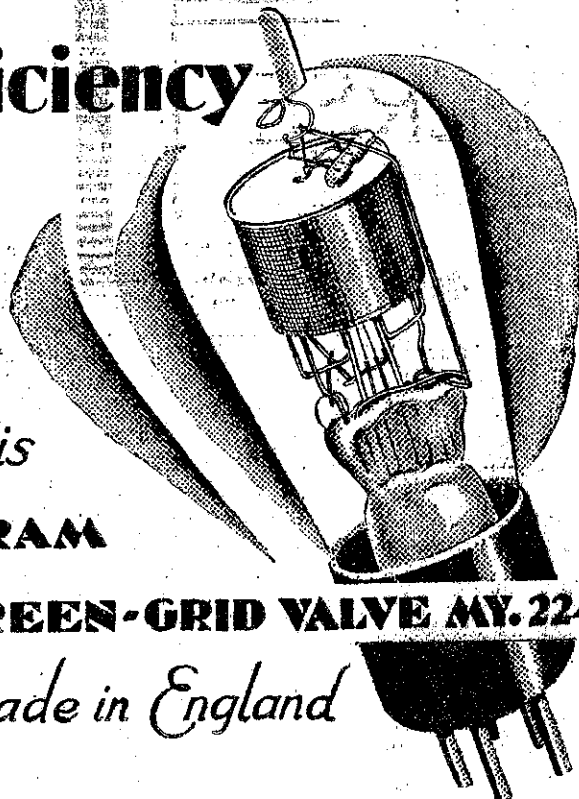
Assuredly this "lower true tale" proves anew the platitude that a life history, candidly revealed, is infinitely more fascinating than the wildest sweep of imagination.

IN "Dark Bridwell" a bully and a wastrel removes his household to some lonely hills and valleys in the United States, the better to enable Charles Bridwell to live the life of a loafer and a coward. He beats his children, quaffs the good red wine, and is happy in his own wild way. The time comes, however, when his peace is shattered, and his dreams, such as they are, go down the wind. Forsaken by his children, his wife's love turned to revulsion, the climax is reached when a younger son returns and tries to murder him. Nothing very new in this plot, perhaps, but the story is told with much intriguing embellishment, and all the characters, good and bad, are alive to their finger-tips. There are plenty of thrills in the story, which is to be recommended to those who like excitement in fiction if not in fact.

IT is not necessary to get annoyed over any remarks of General Pershing in "My Experiences in the World War," which seem to belittle the part played in the final victory by the British and the French. It is much better to cite the facts. The Army that broke the Hindenburg line needs no apology for its morale. The object of the general, of course, is to emphasise how vital was the assistance of his countrymen, and he does go so far as to say: "There is credit for all of us in the final triumph of our united arms. The struggle of the Allies was much longer, their sacrifices much greater than ours." Perhaps when he comes to revise his book he will keep in front of him the official map of the Front in the last months of the war. He will then be reminded of where the strain was greatest and will rewrite some of his sentences.

IN "Blue Ghost"—an intriguing title and curiously apposite—Miss Jean Temple writes of that restless genius, Lafcadio Hearn. An elusive and fugitive personality, from his birth on a Greek island and childhood in Dublin, to death in Japan and burial in a Buddhist cemetery—his was a life full of strange exotic whims and brilliant fantasy, and far too erratic to abide with success amid Western civilisation. He was given the post of lecturer in English literature in the Imperial University at Tokyo, married a Japanese wife and became a Japanese citizen. But these bald facts convey no idea of the fascination of his books; their wide range of imagery, their quality of exotic beauty, and the genius that informed his literary ways and works.

Osram... noiseless efficiency



This

OSRAM

SCREEN-GRID VALVE MY.224

is made in England

If your radio incorporates the screen-grid principle you will find that its working will be far more efficient if you substitute an Osram MY. 224 for your present screen-grid valve. The new Osram series of 2.5 volt valves is definitely non-microphonic—the only valves that are truly insensitive to vibration or shocks.

You can test Osram '2.5' superiority at your Radio Dealer's. Ask to switch on any set, tune out all stations and tap the 224 or 227 detector. If it is microphonic the speaker will emit a pinging noise, indicative of imperfect reception. If the microphonic valves are replaced by Osram 2.5s, tapping will result in silence.

Osram
2.5
Valves

Made in England

Ask your dealer also to show you the full range of Osram 2.5 volt valves—MY.224, MY.227, MX.245 and MX.280.

Advertisement of the
BRITISH GENERAL ELECTRIC CO. LTD.

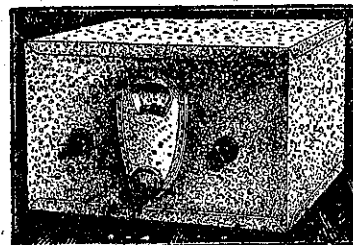
37 Taranaki Street, Wellington.

Brunswick Bldgs., 49 High Street, Auckland.

Hannaford Chambers, 145 Worcester Street, Christchurch.

Your MAJESTIC

Radio Receiver can now be used for
SHORT-WAVE RECEPTION
by attaching the...



**SILVER-MARSHAL
CONVERTER**

Full Particulars from the N.Z. Distributors:

THOS. BALLINGER & CO., LTD.

58-62 VICTORIA STREET, WELLINGTON.

"Where the Quality Goods are Sold"

A BIG RADIO TIME-TABLE AND STATION LIST

Printed on good strong paper that will stand folding, this comprehensive list of New Zealand, Australian, American and other stations is wonderful value for the amount asked.

Of each station is given the call sign, the location, the frequency, the wave length and the power. Never before has such a list been offered to New Zealand radio enthusiasts.

There is only a limited number available. We advise you to get your copy to-day, from your bookseller or by sending direct to our office. Price 4d. plus 1d. postage.

**Get One To-day. Only a Limited
Number Available**

RADIO RECORD, Box 1032, Wellington.

Please send me your Radio Time-table. I enclose 5d. in stamps.

Name

Address

R.R. 2.