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Shall Advertisements Intrude on the Air?

IN view of the proposal current that B-class stations should be allowed to operate in New Zealand and derive revenue from the sale of advertising time over the air, this article from "The Radio Times" discussing the attitude of the B.B.C. to the question, is timely. The American system of free-for-all exploitation of the air by merchandising experts is not supported, but reliance placed upon the existing system with its intimate and direct relation between the Corporation and the listener.



HE practice, on the part of broadcasting organisations in some other countries, of selling a certain number of programme hours to commercial firms for the purpose of advertising, has made some people wonder why the B.B.C. has always abstained from what, at first sight, seems an obvious method of increasing revenue and importing a certain variety into the programme. On the face of it, the advantages of such a custom would seem to be almost all on the side of the broadcasting organisation. If the manufacturers of some product really think that by paying, say, the Halle Orchestra, to give a concert or series of concerts for the benefit of listeners to broadcasting, on the sole condition that at the end of the concert or concerts it should be announced that the programme was provided by Messrs. So-and-So, people will really be induced to buy a certain brand of soap or matches, there seems little reason why the privilege should not be granted. But when the matter is considered more closely it will be found that there are many other reasons for rigidly excluding this source of programme material.

To begin with, the B.B.C. has a monopoly of broadcasting rights. This means that broadcasting time in this country is entrusted to it on the understanding that it will make the very best use of that time in the interests of the listening public. This trust is regarded by the B.B.C. as a highly serious one, not to be farmed out or delegated to anyone else. The first duty of the B.B.C. is to use this time in the interests of the public, and not to sell it to someone in the interests of his business, even though by so doing the public will appear to be as well served as by the

B.B.C. itself. The revenue from licenses in Great Britain is sufficient to cover the cost of what is admittedly the best broadcasting service in the world, so that the increase of revenue which would be secured by the selling of programme time is not required.

THE business of providing daily some twelve hours of programme matter from several stations simultaneously is an extremely intricate and complicated one. Everyone thinks that he could improve the programme out of recognition if he were given a free hand; everyone, that is to say, is capable of providing at least one programme that would be entirely to his own taste. But when it comes to meeting the tastes of millions of people in different localities, with different standards of life, different interests, different degrees of education and culture, it is found that the very widest knowledge, the greatest experience, and the most expert training are required if the multifarious interests concerned are to receive due and fair recognition. There is nothing that an outside organisation could provide that is not already available to the programme builders of the B.B.C., and while advice and suggestions are always warmly welcomed, no ideas have come from outside which have not already appeared within the organisation itself and been considered, adopted or rejected.

But there are other and more subtle reasons which conform the Corporation in its policy in this matter. The relationship between the B.B.C. and its listeners is a peculiar and intimate one. In spite of the individual (and for the most part quite healthy) grumbles and criticisms, the public knows very well that its interests are conscientiously and jealously guarded

by the B.B.C. in its task of entertaining, educating, amusing and cultivating. There is no hour or minute of programme time which is employed in any other way than in giving the best that is possible. We believe that the average listener's enjoyment of a programme would, in however subtle and indefinite a way, be marred if this integrity of intention were to be in any way encroached upon.

ADVERTISING has a very important part to play in the economic structure of our times, but it has no place in connection with the fine arts. No one knows better than the advertiser how apt the public is to resent being entrapped or influenced by some advertising device that is not quite subtly enough disguised. No one can fairly object to an open and earnest invitation to buy someone's pills; but most people would slightly resent being given, say, a box of chocolates and having their sense of gratitude evoked, only to find that the donor of the gift was benefiting himself by concealing in it some form of invitation to buy his pills. However good that box of chocolates might be, it would not be enjoyed to quite the same degree as either a box that was the outcome of a genuine affection or the result of a straight transaction with the confectioner. And our enjoyment of a Beethoven Symphony would almost certainly be tarnished by the intrusion of the thought in the middle of it that we were listening to it because somebody earnestly desired to sell a particular brand of chewing-gum to us. The intervention, however subtle and disguised, of a third person between the broadcasting organisation and its listeners could not fall in some degree to damage that sense of intimacy which is so peculiar and striking a feature of the broadcasting service.

(Continued on Page 2.)

A Shakespearean Evening

By Mr. Allan Wilkie, C.B.E.

ON Sunday evening, February 10, a special Shakespearean evening is announced for 2YA, Wellington. On that occasion listeners far and wide will be privileged to hear an address on Shakespeare, the greatest dramatist and poet of all time, by Mr. Allan Wilkie, C.B.E., the eminent Shakespearean actor. His Majesty the King thought fit to honour Mr. Wilkie with the decoration of Commander of the British Empire in recognition of his unparalleled work in producing Shakespearean plays in Australia and New Zealand, year in and year out, winning plaudits from press and public alike with his own brilliant attainments and the admirable work of his talented company. For eight years Mr. Wilkie has toured the Dominion and the Commonwealth with his Shakespearean Company, playing in every considerable town in both countries. During that period Mr. Wilkie has produced no fewer than 26 of Shakespeare's 37 plays, taking leading parts, in company with Miss Hunter-Scott, his gifted leading lady, in each production. He has found his reward in the testimony of educational authorities, of the principals of schools, of the press, and of thousands of letters, that his work has been of the greatest value educationally to the rising generation, and culturally to the community as a whole. But for Mr. Wilkie's productions Shakespeare would have been a dead letter in the theatre in Australia and New Zealand, except for isolated performances of one or two plays in the principal cities.

MR ALLAN WILKIE has an abiding admiration for Shakespeare's works, born of a deep study of the great dramatic genius in all his varied phases, in all his wonderful pageantry of

words and philosophy. Herein lies the secret of Mr. Wilkie's devotion to so exacting a task as the popularising of Shakespeare—an undertaking which he has carried out to an extent which has

rendered his name imperishable in the annals of the stage in this quarter of the globe.



MR. ALLAN WILKIE IN CHARACTER.

THE programme associated with Mr. Wilkie's address on Shakespeare has been selected specially for the occasion, with due regard to its appropriateness. Mr. Dennis Barry, the gifted young actor who has previously toured New Zealand with Mr. Wilkie's organisation, and who is possessed of a cultured, tuneful voice, will sing "O Mistress Mine" (from "Twelfth Night"), by Rodger Quilter, and "When That I was a Tiny Little Boy" (from "Twelfth Night"), a traditional song. He will be accompanied on the piano by Mr. Bradshaw-Major, for several years musical director for Mr. Wilkie, with violin obligatos by Miss Godson, also a member of Mr. Wilkie's orchestra. Mr. Bradshaw-Major (piano) and Miss Godson (violin) will also contribute "Henry the Eighth Dances" suite (by Edward German), in two parts, "Barcarolle," from "The Merchant of Venice," and "Prelude No. 2" from "The Merchant of Venice" (by Sir F. Ross).

ALSO assisting on the programme will be Mr. Roy Hill (tenor), and Miss Mollie Fenton (contralto). Mr. Hill's items will comprise three Shakespearean songs: "Sigh No More, Ladies," "It was a Lover and His Lass," and "Who is Sylvia?" Miss Fenton will sing "The Willow Song" from "Othello," "The Lawn is White as Driven Snow," from the "Winter's Tale," and "Take, Oh, Take Those Lips Away," from "Measure for Measure." A brilliant selection of recorded music, written for Shakespeare's plays will complete the programme.

Advertising on the Air sense of intrusion would be insupportable.

(Continued from front page.)

Let us take another parallel—the case of a church with a not very rich congregation which cannot afford the best of everything, either in the way of furniture or music. Suppose somebody were to come along and say, "You shall have the best choir, the best organ and the most eloquent preacher that money can provide, if the end of each service that it has been provided by such and such a stores." Is it conceivable that the congregation would not find such a thing intolerable? The question has only to be stated in order to be answered. The

IN America, where there is no monopoly and where anyone may set up a broadcasting organisation, the situation is different, and there the selling of programme time may actually benefit listeners by providing them with better programmes than the broadcasting company could afford. There the peculiar sense of intimacy which exists between the B.B.C. and its listeners is absent, and so cannot be damaged. But with us there is no form of entertainment which could be provided by any commercial organisation which the B.B.C. could not afford to employ and pay for itself.

No, broadcasting time is too sacred a trust for anyone who holds it and values it to be willing to hand over to someone with only a private purpose to serve. The silent brotherhood of listeners, so utterly and completely separated and isolated, and yet so mysteriously linked and united, develops its own habits, its own particular qualities, its own sensitiveness. The person who speaks through the microphone has a far more critical and sensitive audience than he who speaks from a platform. He is not shouting to a crowd, but speaking in the ear of individual listeners; and in this intimacy the smallest mannerism or characteristic may jar. It is this reality of contact between the broadcaster and his listener that is so remarkable an attribute of the service. It is this sense of reality which would be most marred by the fact that it was not his own thought or emotion that caused the singer to be singing or the speaker to be talking, but that the fundamental and originating cause of the contact was that some third person wished us to buy bread made with his patent flour. If the B.B.C. departed from its present policy it would not be merely time that it was selling; it would be selling a spiritual reality, which of its very nature is among the things that cannot be bought or sold without some degree of degradation to all concerned.—F.Y.

Medical Conference

Proceedings to be Broadcast

ARRANGEMENTS have been made for the broadcasting of the proceedings attending upon the opening of the Medical Conference at 8 o'clock on the evening of February 19. A civic reception will be tendered to the delegates, of whom over 200 will be present. Dr. J. S. Elliott, of Wellington, will be inducted as President, and deliver his presidential address, which will be of great popular interest. It is expected that the Right Hon. the Prime Minister and the Minister of Health will speak, and also that an eminent English surgeon will take part in the proceedings.

Following on the broadcast of these proceedings the programme will be completed by an hour of musical items.

THERE was no general meeting of the Amateur Radio Society of Wellington this month. The first meeting of the year is fixed for early in February.

A LONG law suit has settled the matter of the invention of the magnetic reaction circuit, in the announcing that the honour is that of Dr. Lee De Forest.

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Robert Burns --- Scotland's Immortal Poet

Interesting Lecture from 2YA.



REQUENTLY one hears the question, "Why is it that Scotsmen, no matter in what part of the world they happen to be, continue to retain all the characteristics peculiar to their country, despite the fact that they have been and are in the midst of a totally different environment, and why in particular do they persist in the habits of wearing the native dress and retaining an active interest in the celebrations in connection with anniversaries of the great days in Scottish calendar?"

That is a big question to answer which, fully, would take too long. Suffice it to say that the true Scot inherits a high degree of love for his own country and for the habits and customs of his own people, and his continued interest in Scotland and Scottish affairs is responsible for the enthusiasm which is in evidence when he participates in any of the celebrations. One might be inclined to say that such evidence of love of one's own particular country was too selfish, but such an assertion could well be answered by the statement of no less an authority than Mr. Stanley Baldwin, the Premier of Great Britain, who declared recently that

"Scottish nationalism is one of the most prized products of the British Empire. The purest nationalism is like the finest love of one's own home. The greater the love of one's own home the greater the love of one's own country. The love of one's own country expands into the love of all one's own people throughout the Empire, and is the beginning of that brotherhood which alone can make peace upon earth."

The Burns programme was the celebration of the birth of one who has done much, if not most, towards keeping alive the flame of Scottish nationalism, and at the same time propounded as no other writer has ever done, the teaching of the brotherhood of man—I refer to Scotland's immortal Bard, Rabbie Burns.

IN his preface to the "Kilmarnock" edition of his poems, Burns "begs his readers, particularly the Learned and the Polite, who may honour him with a perusal, that they will make every allowance for education and circumstances of life." That note appeals in a pathetic force, but surely there is no need now, for any "allowances" to be claimed, because the "circumstances of life," which encompassed Robert Burns, humble farmer, result only in increased admiration for Rabbie Burns, Scotland's national poet, and one of the world's greatest song and lyric writers.

It is not my intention to dwell at any length upon the early life of Burns; the thirty-seven years, which spanned his life, from the "clay bigging" at Alloway to the gauger's cottage at Dumfries, contains but one illuminating event, in so far as the recognition of his genius was concerned, and that was his memorable and triumphant visit to Edinburgh in 1786. For the rest, there is on the one hand the hard farm labour, the failures, the dashing of hopes, the dreary dullness of poverty and the darkness of dissipa-

tion. On the other, we have the promptings of genius, the close communion with nature, the greatness of heart, the unbounding patriotism and the joy of the poet who can move a nation to song—is it not all reflected in his verses?

It is indeed in his poems that the life of Burns should be studied. The "circumstances of life" can be ignored—the man becomes absorbed in the

take, is that Burns was uneducated. From his earliest years his education was very carefully attended to by his father—a thoroughly well educated man—and we have the recorded testimony of his old schoolmaster, to prove that Burns's education was really of a superior order even for lads in his own station of life. Burns could read French fairly well and gave it a more or less careful study and

JANUARY 24, 1929, was an interesting night for all listeners at all interested in the work of the great Scotsman, Robert Burns. The unique programme will long be remembered by all those who were privileged to hear it, and can be regarded as one of the finest programmes that has yet been put on the air. Several correspondents to 2YA have asked for a synopsis of the address delivered by Mr. R. H. Nimmo, Chief of the Wellington Caledonian Society, and Dominion Chief of the Scottish Federation. Accompanying is the full address, which should be of very great interest to all who heard and appreciated the programme.

poet: but before passing on to a study of Burns as he is portrayed in his poetry, I should like to correct two wrong impressions, which seem to have become established in the minds of the majority of those who have written or spoken of Burns during recent years. One frequently hears him referred to as though he were simply a peasant or at the best, a superior ploughman. It is not correct to dub him by the first designation, for peasant, according to the commonly accepted meaning of the word, he never was. Neither is it right to regard him simply as a ploughman, for although he often spoke of his holding the plough and the independence which it gave him, he was a ploughman only on his own and his father's farms. He was really what we to-day would regard as a small farmer. Don't think for one minute that I mention this in any spirit derogatory to either peasants or ploughmen. Far from it. I recognise and appreciate the true nobility of lowly toil too much to glance askance at any work, which is of practical utility, whereby a brother-man earns an honest livelihood, but I cannot see the sense of giving these two classes the credit of producing our heaven-inspired poet, when he really belongs to another class—a class, which, in peace or war, supplied the brain and muscle of Scotland for centuries—the small working farmer, from whose cottages have come forth sons who have graced the pulpit, the bar and the academy, who have added to the mechanical wealth and genius of the country and have carried its banner, the blue cross of St. Andrew—in triumph all over the world.

ANOTHER commonly accepted idea, which to me seems quite a mis-

"Our Monarch's hindmost year but ane
Was five-and-twenty days begun,"
'Twas then a blast o' Janwar' win'
Blew hanel in on Robin."

If it is mentioned that George II is the monarch to whom he refers in the first line we have no difficulty in recognising the fact that he was born on January 25, 1759.

When he wrote the song from which the foregoing lines are quoted it would almost seem as though Burns foresaw his destiny, for he goes on to say:—

"The Gossip keekit in his loof,
Quo' she, wha lives will see the
proof,

This waly boy will be nae coof:
I think we'll ca' him Robin.

He'll hae misfortunes great and sma'
But aye a heart aboon them a';

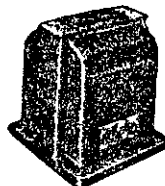
He'll be a credit till us a'—

We'll a' be proud o' Robin."

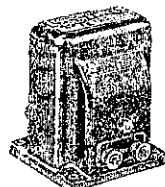
And where is the Scot who is not proud to claim the common Scottish name with Burns? On January 25 Scotsmen in almost every country in the world will meet to worship at the shrine of Burns, to pay homage to the illustrious memory of the immortal bard.

LOVE and conviviality are the chief notes of Burns in his lighter vein. The celebrated club at Tarbolton, of which every member was found to be a "professed admirer of one or more of the fair sex," indicates a very different state of public opinion on this subject from that of our reticent times: in those days, it was considered the most natural thing in the world to win a girl's love and then make a song of it. Burns gives us an insight into this side of his character in "Oh, my luve's like a red, red rose," "Mary Morrison," and that most poignant of songs of parting:

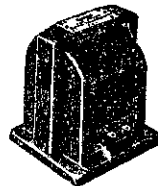
"Ae fond kiss and then we sever;
Ae farewell and then forever!
Deep in heart wrung tears I'll pledge
thee,



Puratone
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Warring sighs and groans I'll wage thee.

"Who shall say that fortune grieves him
While the Star of Hope she leaves him?
Me, nae cheerfu' twinkle lights me;
Dark despair around benights me."

BURNS'S emotion is sensual, it is facile, but nevertheless, it is undoubtedly real, and in this, even more than in its matchless melody, lies the secret of his magic. The same true ring is heard in his convivial songs, whether like,

"Oh, Willie brewed a peck o' maut,
And Rob and Allan cam to pree:
Three blither hearts, that lee lang night,
Ye wadna find in Christendie.

"We are na fou, we're nae that fou.
But just a drappie in our e'e;
The cock may crawl, the day may draw,
And aye we'll taste the barley bree."

Which is a song of pure jollity, whether they have that touch of deener emotion, which has made "Auld Lang Syne," the more than national anthem of good fellowship:

"Should auld acquaintance be forgot
And never brought to min'?
Should auld acquaintance be forgot
And days o' lang syne?"

For auld lang syne, my dear,
For auld lang syne;
We'll tak' a cup o' kindness yet,
For auld lang syne."

AT other times, Burns shows the influence of a fashion prevalent amongst his English contemporaries. He displays an easily excited sentimentalism, and this is particularly exemplified, when he caresses the little mouse, which his ploughshare has turned up with the sod.

"We sleekit, cow'rin, tim'rous beastie,
Oh! what a panic's in thy breastie!
Thou need na' start awa' sae hasty,
Wi' bickering brattle!
I wad be laith to rin an' chase thee
Wi' murd'ring pattle."

Or when, with the plough he turned down a daisy,

"Wee, modest, crimson-tipped flower,
Thou's met me in an evil hour;
For I maun crush amang the stoure
Thy slender stem;
To spare thee now is past my power,
Thou bonnie gem."

and we have another example of this sentimentalism, when in his "Address to the De'il," he says,

"But fare ye weel, auld Nickie-ben,
Oh! wad ye tak' a' thought and men?
Ye aiblins might—I dinna ken—
Still hae a stake—
I'm wae to think upo' yon den,
E'en for your sake."

ONE conversant with European history contemporary with Burns' writings cannot fail to recognise the influence, which that vague spirit of discontent with constituted authority—which eventually culminated in the French Revolution—had upon the Scottish poet. As a matter of fact, much of his finest poetry is the poetry of defiance. He is never tired of exalting what the world despises and despising what it exalts. Remember how, when the "Jolly Beggars" are revelling in the barn, he makes one sing,

"A fig for those by law protected!
Liberty's a glorious feast!
Courts for cowards were erected,
'Churches built to please the priest."

IN Burns, we have a humorist of the first degree. Humour is such a predominant feature that there is little need for me to quote examples, but it is often in his humorous poems that Burns gives us the brightest glimpse of his real philosophy. Recall how the sight of a "louse" crawling up the bat of a lady sitting in front of him in church inspired him to write his "Address to a Louse," which address he concludes with that world-famous and oft-quoted passage,

"Oh! wad some power the giftie gie us
To see oursels as others see us.
It wad frae many a blunder free us
And foolish notion

What airs in dress and gait wad lea'e us
And e'en devotion."

ONE of the most fantastic and irresponsible of his works is the story of "Tam o' Shanter," which, if for nothing else, would have become famous on account of at least one passage of brilliant poetic imagery,

"But pleasures are like poppies spread,
You seize the flower, its bloom is shed!
Or like the snow-fall in the river,
A moment white—then melts forever;
Or like the borealis race,
That flits ere you can point their place;
Or like the rainbow's lovely form
Evanishing amid the storm."

Time will not permit of a closer study of Burns as he is portrayed in his poems. One might as easily spend hours instead of minutes tracing the character of the poet—his religious beliefs, for example, will afford a long study in themselves; in fact, the themes of his poems could almost be said to provide a religion for all of us. If we are willing to accept Faith, Hope, and Charity as the principal tenets of religion, we have the first, well illustrated by "The Cottar's Saturday Night"; Hope, by his "Epistle to Lapraik"; and Charity, if by nothing better, by his "Address to the De'il," where his charity is not even bounded by the bottomless pit. How fully does his love of his brother man inspire the lines of "Man was Made to Mourn," and how well the principle of helping the poor and needy caused him to write as he did of the wounded hare, and his love of truth brought forth those terrible denunciations of hypocrisy, clothed in the mask of religion, which almost makes our flesh creep to read it.

But, above all else, Burns was inspired with a strong sense of the brotherhood of man, which is the grand end of all true teaching. This sense of brotherhood coloured everything he wrote, and seemed to fill him with brightest anticipations, even as he looked at the misery around him, or reflected on the misery which on occasions was his own portion. Even in his darkest moods, he was filled with hope; hope for an era of kindness, love, purity, and a truer and better manhood than the world had ever seen; and that hope found expression in one of his songs, one which the world will never allow to die, and whose grandest sentiment echoes the dearest aspirations of all true lovers of the human race:

"Then let us pray that come it may,
As come it will for a' that,
That sense and worth o'er a' the earth
May bear the gree and a' that,
For a' that, and a' that
It's coming yet, for a' that,
That man to man, the world o'er
Shall brithers be for a' that."

Radio and Elections

Recent Experience in America

THE part which radio broadcasting played in the Presidential election in the United States, is thus referred to by the Broadcasting Company's consultant in America, Mr. Edgar H. Felix, in the course of a recent letter:

"Broadcasting in the United States during the last month has been almost entirely a matter of election campaigns with a few of the standard programmes sandwiched in. The effect has been an amazing turn-out of the electorate and an amazing public interest in political problems of the day.

"It is believed by many that the broadcast voice quality of the respective candidates was the vital factor in determining the vote. Mr. Hoover is a serious, dignified speaker, who confined himself to the economic, social and political issues of the day and got over the impression by radio of his great executive ability. Mr. Smith, the defeated candidate, gave evidence of a decided lack of culture and more by the tone of voice, pronunciation and enunciation than by what he said, proved himself to the majority of the public to be unfit for the highest office which we have to offer.

"In recent elections, until the present one, considerable sums were spent for newspaper advertising, which, this year, were diverted to radio. The wisdom of this expenditure has been abundantly proved and radio is only now coming to its own as a political medium. I do not doubt that you will find this so in New Zealand at the next opportunity. However, there was so much political speaking over the air in the United States that I believe the public reacted unfavourably toward the end. On the other hand, the point was fully proved that radio's method of getting into the home brought about a more intimate acquaintance with the politicians, their characters and the respective trends of their administrations than the printed word or direct personal address would hope to accomplish."

AN Australian enthusiast has made the strangest loud-speaker ever heard of. The mechanism is contained in a human skull. Although its original owner was but a lowly aborigine the skull occasionally gives forth quite high-brow speech and music.

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It matters not whether your parcels are large or small, heavy or light, fragile or otherwise—the better transport way is by rail.

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Hear
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Radio Round the World

THE Government of Iceland is planning the construction of a 5000-watt radio station at Reykjavik. There are at present five Government-operated wireless stations in Iceland. The telegraph and telephone system is but twenty years old, having been constructed since the laying of the cable connecting Iceland with the Faroe Islands and Denmark in 1906.

M. GASTON DOUMERGUE, President of the French Republic, is a wireless enthusiast. In the presidential palace of the Elysee he has one receiving set in his dining-room, another in the billiard-room, and a third in his study. When the President occasionally removes to his country seat at Rambouillet he is not without his wireless, for there also are a number of receiving sets for his use.

RECEIVING SETS IN THE PALACE OF THE FRENCH REPUBLIC

INDIA'S TROUBLES.

THE resignation of the European staff of the Indian Broadcasting Company has created something of a sensation. The original capital of the Indian Broadcasting Company was £45,000, and this money has now been expended, and the company has been carrying on with a loan, which has also nearly gone. The staff has resigned, because they say it is in their own interests, and that of the public. They maintain that the success of broadcasting must depend on the excellence and utility of the programmes, and without adequate finance, this is impossible.

THE INDIAN BROADCASTING COMPANY HAS RUN OUT OF MONEY

MUCH remains to be done to educate the public in France in matters relating to wireless. At a recent trial in Paris a share-pusher was condemned to a term of imprisonment for selling shares of a bogus company which the prospectus intimated was formed "to plant steel posts all over France for the conveyance of wireless waves which shall bring the world's concerts to the humblest crystal set."

LOUDSPEAKERS are being used at the live hare coursing ground at Mascot, Sydney, to speed up the hares. Though among the fleetest of creatures afoot the hare is never really in a hurry until the dogs are fairly close up. The result is that the long starts which are now being given in order to make sure that the hare will escape is not much good to the animal and he has got into a habit of sauntering along as if time was no object. When he realises the need for haste it may be too late. However, the directors have tried all manner of things to make him, including a man on horseback, whose job was to ride after the hares and keep them going. Now it has been decided to try loudspeakers.

These have been connected with the kennels of the dogs in reserve and the sound of their barking is thrown on the course behind the hares, who imagine that they are about to be seized. The trick is expected to make the hares go at record speed.

MEMBERS of the Radio Trade Committee on broadcasting declare that that means of liaison with the B.B.C. is about to be dissolved. Following a period of amicable relations, there have been several acute disagreements lately, and the chances of the continuance of the committee are regarded as slight. There has been acute difficulty about the attitude of the B.B.C. towards "wireless exchanges," and also towards reception in general. Savoy Hill is disposed to encourage "re-diffusion" through wireless exchanges such as exist at Southsea and Hythe. The result of the trouble on the Trade Committee may well be a new war on the B.B.C. with the radio trade ranging itself alongside of other malcontents and the theatre industry.

"SUMMER-TIME reception," which stands for poor reception over long distances, is still with us, and is worrying the radio trade considerably. Beginners continue to object to pay long prices for high-class sets which will not bring in the Australian stations with a punch. The Australian radio Press has frequent mention of the poorness of reception from distant stations. Some nights 2BL, Sydney, has been coming in sufficiently loud to yield loudspeaker reception, but this occurred after 10.30 p.m., and took fully an hour from that time to show any appreciable increase in volume.

REGULAR broadcasts of agricultural programmes on a nation-wide scale and dealing with all the varied aspects of farm and home life were started recently through stations associated with the National Broadcasting Co. These "Farm and Home Hour" programmes will be broadcast at noon every day except Saturdays and Sundays, and will be available to listeners from the Alleghenies to the Rocky Mountains and from the Canadian border to the Gulf of Mexico. Starting at 12 o'clock C.S.T. the "Farm and Home Hour" will be interrupted at 12.15 by an official programme by the United States Department of Agriculture from the studios in Washington, D.C. Afterwards the "Farm and Home Hour" will be resumed, continuing until 12.45. The "hour" will consist of instructive and entertaining music interspersed with talks by famous authorities, discussing subjects of vital interest to farm and home.

THE potentialities of radio for the furtherance of religious teaching were amply demonstrated by a series of services broadcast during the summer months over the National Broadcasting Company's (U.S.A.) network of forty stations. The services, arranged under the auspices of the Federal Council of the Churches of Christ in America, and conducted by

the Greater New York Federation of Churches, covered the four hours from 2 p.m. to 6 p.m. on Sundays. The period between two and three o'clock was occupied by a formal church service, including addresses by distinguished clergymen, and the singing of anthems and hymns by soloists and a mixed quartet. Then followed a programme, known as "Sixty Musical Minutes," which was furnished by a small symphony orchestra and a male quartet. This was succeeded by a "Question Hour," with musical interludes of the ballad and folk song type. The remaining hour was filled with "Twilight Reveries," consisting of an address by a prominent speaker and religious music by the "National Choristers."

INCLUDED in the sentences passed on Schwarzhorer (Radio Pirates) —of whom 5636 were convicted in Germany in the last two and a-half years—is the confiscation of their unlicensed wireless receiving sets. These confiscated sets, which were formerly in the possession of the Reichspost, now

pass into the possession of the State authorities within whose jurisdiction the prosecutions were made. In Prussia—by far the largest of the Federal States—the sets, it is announced, are to be placed at the disposal, firstly of the judicial authorities, for use especially in the prisons, and, secondly, of official charitable organisations, for gratuitous delivery to war cripples and people blinded in the war.

THE feat of sending two electric currents simultaneously over the same wire, thereby performing two operations with but one power highway, is accomplished by a new system of street-lighting recently put into service in Boston, Mass., U.S.A. This latest triumph of electrical engineering, known to the profession as "resonant control," eliminates the necessity for a special network of wires to feed current to street lights, and makes it practical for the first time for street lights to receive their current supply from the same circuit that carries electricity to residences and office buildings.

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The New Zealand Radio Record

P.O. BOX 1032, WELLINGTON.

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N.Z. RADIO PUBLISHING CO., LTD.
P.O. Box 1032, WELLINGTON.

WELLINGTON, FRIDAY, FEBRUARY 1, 1929.

"B" STATIONS AND ADVERTISING EXPLOITATION OF THE AIR.

THE Postmaster-General has specifically disclaimed the suggestion put into circulation that, in answering the trade deputation which recently asked him to permit B class stations to be established to exploit the sale of time on the air, he said he saw no objection to the proposal. The Hon. A. B. Donald now puts on record that he made no such promise. All that he did say to the deputation was to promise consideration of the matter, and that consideration is now being given by the departmental officers, whose report will, of course, be made in due course, to the Minister concerned, for the formulation of his own decision.

This proposal is not one upon which any catch judgment can be given. It is a very important matter, and it definitely requires full and careful consideration, with the prime objective of reaching a decision which will ensure the greatest good to the greatest number, that is, the listeners, and the preservation of the best system of supplying a satisfactory broadcast service. The system of selling time has produced certain results in America, and those results are seemingly satisfactory to the listeners, but, obviously, at a high cost in trade expenditure. Much money has been unnecessarily spent in duplicating plants; many firms have lost money on their radio stations, and have scrapped them. Finally, out of a welter of competition, the governing authority was constrained to step in, and drastically reduce the number of stations in order to clarify the air, and conserve the quality of reception for the listening public. Britain has followed an entirely different method of development. She has built a very fine and successful system upon the individual license, and has steadily refused to bow to the lure of advertising money. An article on our cover this issue defends that policy from the point of view of the listeners' artistic sense of satisfaction, and we imagine that many of those arguments will find an echo in the heart of thoughtful readers here. From that angle, the article is specifically applicable to the discussion of the present situation.

CERTAIN minor observations on the application that has been made to the Minister would seem appropriate at this stage. It is to be noted that those applying for the B class stations made the bait very attractive by solemnly promising that the stations would operate only in the time not taken up by the YA stations. This we imagine to be a little soft soap, and, in point of fact, it conflicts with the assurance given by the advocates, that the B class stations would be willing to operate practically from morning till midnight. We find it a little

difficult to square the two assurances, and we imagine that, however honourably a beginning might be made, the time would rapidly come when those responsible for the B class stations would find it necessary to approach the Minister, with a request to be allowed to operate in the time now taken by the YA stations. This would be necessary, in our opinion, if those paying for advertising time on the B class stations' schedule were to be satisfied.

OUR view of the problem is that New Zealand has started upon a system of unified control, supported by the moneys of listeners. It is a matter of indifference for the purpose of the argument whether that unified control is applied by a company, board, or by the Government. It is the listener who pays for the service, and the administration is merely a matter of detail. With our limited population, and consequent limited sum likely to be available for radio development, it is inadvisable, in our view, to institute any policy likely to sap the strength, now or in the future, of the central organisation. The granting of permits to the B class stations to exploit advertising, will make inroads upon the existing system, to its present and future disadvantage. On the present basis, listeners know what they are going to get. On an indiscriminate competitive system, there would be no obligation on the part of B class operators, and no assurance as to the service to be available. In any clash, the outcome would inevitably be the development of two weaklings, struggling for the nourishment adequate for one.

ANOTHER very important factor which we have already mentioned is that inroads upon the advertising allocations of the mercantile firms operating in New Zealand would not be welcomed by our newspaper Press. It might be arguable that money appropriated to radio would be supplementing newspaper advertising—that such expenditure was only developing goodwill, and that Press advertising would always be required to clinch sales. There is something in that argument. It might conceivably be urged that radio advertising would extend the demand for Press advertising, and so do the newspapers good. Allowing some weight to this contention, we would not, however, welcome the task of endeavouring to convince the newspaper Press in this country that the sale of time over the air by the radio company or companies would be a fair return for the hospitality accorded radio programmes by the Press in general.

WE have no doubt that the Postmaster-General will give this matter his full and careful consideration, and that consideration will extend far into the future, and not have regard only to the lure of promises for the present. The bait is certainly attractive, and well-dressed. Something for nothing, at the other fellow's expense, always appeals to some. There is, however, need to look beyond the immediate end. We are thoroughly convinced that, ultimately, the strength derivable from a central system such as is now operating would be sapped if the present proposal were adopted, and that the undertakings originally given in good faith would not be found possible of permanent maintenance—that, in a word, the diffusion of energy which would develop would ultimately militate against the best interests of listeners.

Radio Competitions

Prizes for One-act Plays and Poems

THE judges who will officiate in connection with the competition for the best original poems, dramatic and humorous, will be Mr. Johannes Andersen (Turnbull Library), Dr. Guy Schofield, and Mr. C. A. Marris, editor of the "N.Z. Referee."

The prizes for this competition will be:—First prize, £3; second prize, £2; third prize, 10s. 6d. box of Cadbury's chocolates. It was announced last week that Cadbury's Ltd. were donating all the prizes, which would be chocolates; the first two prizes, however, will be in cash, only the third being in chocolates. All the three prizes are donated by Cadbury's Ltd.

The judges of the entries in connection with the one-act play will be a sub-committee of the IYA Musical and Dramatic Committee.

Entries in the radio play competition, for which the prizes are £5, £2, and £1 1s., close on February 28.

The time for the closing of entries in connection with poetry competitions is March 1.

All particulars and conditions of the competitions appeared in last week's issue of the "Radio Record."

Mullard
THE MASTER-VALVE

The only Valve with
the wonderful P.M.
Filament. Gives longer
life — more power —
greater volume.

National Swimming "Most Comprehensively Organised in the New Plymouth Station Championships" World

Relays Arranged by 2YA

Overseas Praise for Broadcasting Co.

Progress Being Made

IT was just seven years ago that the National Swimming Championships were held in Wellington, and it is more than likely that seven years at the least will elapse before the next national gathering of this nature takes place in this city. Realising the great interest in swimming that is being manifest at the present time, station 2YA has availed themselves of every opportunity to broadcast those events that will be of greatest interest to listeners. Reference to the programme section will show that the station will broadcast actual running descriptions on three occasions, that is, on Saturday, February 2; Monday, February 4; and Saturday, February 9.

On Saturday, February 2, the championship from the Te Aro baths will be described. On Monday and Saturday following, the other championship events will take place and likewise be described, but in the meantime, the other interesting events will be taking place.

A representative of the company will witness the life-saving at Lyall Bay on Tuesday morning, taking full notes so that listeners may look forward to an interesting description combined with the results when the station goes on the air at 3 o'clock that afternoon, or shortly afterwards, if they have not finished at that hour.

The Kellerman Cup competition of three miles will take place in the harbour on Thursday morning. The station will not go on the air to broadcast these events, owing to technical difficulties, but a representative of the company will either accompany the swimmers in a launch or will secure a vantage point for the full race from which all its interesting details may be noted. When the station goes on the air at 3 o'clock to broadcast its usual programme of gramophone records, a description of the race such as viewed by the representative will be given.

On Thursday night, the competition for the Norden Cup will take place at the Riddiford Baths, Lower Hutt. Actually, the station will broadcast its usual Thursday night's programme of band music, but arrangements have been made that results will be speedily sent to 2YA, and the programme will be stopped in order that listeners may get these important results as soon as they are possibly available.

Thus, swimming enthusiasts all over New Zealand will be interested in the broadcast from 2YA. This is the first time in the history of broadcasting that the national swimming championships have been broadcast, and great interest will await the efforts of 2YA.

The swimming championships are not only for adults, but for children and young people. These the association has considered wise to billet instead of placing out at hotels. An appeal is therefore made to all Wellington residents who have the facilities to billet these young people for approximately a week. The president, Mr. P. Colra, c/o Kilbirnie Post Office,

DETAILS of the organisation set up by the Broadcasting Company to establish closer relations with the listening public were recently incorporated in a booklet entitled "Public Relations of the Radio Broadcasting Company of N.Z., Limited." This organisation, as is well known in New Zealand, provides for advisory committees in connection with the Children's Sessions, the religious services, music and dramatic interests, and also for the appointment of honorary official listeners throughout New Zealand.

Copies of this booklet have been sent overseas and have aroused keen interest in broadcasting circles. The Broadcasting Company's official consultant in America, Mr. Edgar H. Felix, in acknowledging the booklet says, inter alia:—

"Your booklet: 'Public Relations of the Radio Broadcasting Company of N.Z., Limited,' is very satisfying evidence of your company's efforts to establish close relations with those public interests able to serve the broadcasting audience. Unquestionably, this is the most comprehensively organised structure which has been built up anywhere in the world with this purpose in view."

The British Broadcasting Corporation writes as follows:—

"We have to acknowledge with many thanks the copy of your booklet: 'Public Relations,' which you have been good enough to send us.

"We are following the development of broadcasting in New Zealand with particular interest, and are glad to have all available information.

"We are passing 'Public Relations' to all our departments interested in order that they may compare your system with others and may gain an idea of the present position of your organisation."

2YA Sports Service

An Appreciative Correspondent

I WAS indeed surprised in perusing this week's "Radio Record" to find no special mention by you of the remarkable service rendered by 2YA sports service during the holidays. You gave prominence in your editorial column to the service rendered by the British Broadcasting Company during the period when no newspapers were printed by keeping their listeners in touch with the latest bulletins of the health of His Majesty the King, and the latest scores in the Test match, yet a much more efficient service was maintained by 2YA over the same period. The company receive enough bumps now, and I would have thought, sir, that you would have seized the golden opportunity to boost your New Zealand stations. A service such as 2YA rendered must require considerable organisation, and that it was greatly appreciated no one will deny, particularly on New Year's Day, when no newspapers were published, 2YA rendered an invaluable service to listeners. At my own residence 17 persons listened with interest to the complete sporting results all over New Zealand.

Another matter which I feel should have received prominence in your journal was the phenomenal results obtained

by 2YA's sporting commissioner in his selections of candidates during the holiday racing. In all, he selected 51 firsts, 38 seconds, and 25 thirds—truly a remarkable performance. These results have been confirmed from five different sources. Included in these results were first and second in Auckland Cup, first and second in Great Northern Foal Stakes, Auckland Racing Club Handicap, first in Great Northern Derby. At the New Zealand Cup meeting he selected first, second and third in the New Zealand Cup, while his selection of Queen Arch in the Cornwall Handicap was outstanding.

When 3LO's sporting commissioner, Eric Welch, selected the winners over five days' racing carnival, "Wireless Weekly" did not forget to mention it, yet when our own station can pride itself on a gentleman just as competent, nothing is said. A hush-hush policy is being manifest over 2YA's sporting service, but listeners now demand to hear the gentleman responsible for the compilation of these reviews, etc. Many of my friends have phoned the studio requesting to speak personally to the sporting commissioner, and tender their sincere thanks, but the answer one receives gives no satisfaction. Will the company be prepared for 2YA's sporting commissioner to answer queries on sporting matters by letter? The Test cricket progress reports and close of play results from 2YA have been greatly appreciated and not once have they disappointed. Soon after 9 p.m. the close of play results are "put over the air." In conclusion let me again thank, on behalf of many listeners, 2YA's special sports service.—P. S. PHILLIPS (Wellington).

[While appreciating this correspondent's enthusiasm, it is regretted that it is not possible or desirable for the special correspondent of 2YA to undertake personal or written contact with the public on the lines indicated.—Ed.]

THE radio broadcasting station about to be established in New Plymouth should be ready to take the air about the end of February, or in March, says the "Taranaki News." A combined meeting of sub-centres of the North Taranaki Radio Society dealing with matters in connection with the new station was held lately. Mr. E. J. L. Payne presiding over an attendance of fourteen.

Donations of materials were received from the following, with thanks expressed to the donors: New Plymouth Sash and Door Co., Ltd., and F. H. Jellyman, conduits, and sundry materials from A. and T. Burt, Ltd., and T. Ballinger and Co., Ltd., and others.

A financial statement and a cheque for £15 15s. 8d. were received from the Regimental Band, as a result of the recent concert in Pukekura Park. Thanks were expressed for the very real assistance given by the band. The question of the band and the society combining to give a concert on a grand scale was mentioned and discussed at length, but it was felt that expenses would be high and this was not the time of the year when the public would respond sufficiently to ensure an adequate profit. The matter was shelved for the time being. The concert will probably be held about the end of February.

The technical committee reported that it was ready to commence work and had already made preparations. Other committees also reported the progress made. So far, it was stated the agreement from the Radio Broadcasting Company had not been received, while permission to erect a mast on King's Building is still being awaited. Members of the technical committee are to visit the south in the near future and will attend a try-out of the equipment being assembled and tested by the company.

The Minister of Internal Affairs has refused permission for the holding of an art union with radio receivers as prizes.

The question of wavelength was discussed, members being keen to ensure that the one allotted was one which was not likely to interfere with other stations. The secretary was instructed to write to the Post and Telegraph Department on the matter. The wavelength previously allotted to New Plymouth was 285 metres, but this has since been given to Palmerston North. Some of those present were of the opinion that a wavelength of over 400 metres would be best for New Plymouth.

The finance committee intends to embark on a further campaign to raise funds and solicit donations, a number of which have been promised. A deputation was appointed to wait on the Borough Council in support of the society's request for a subsidy. The Palmerston North Borough Council, it was stated, subsidised the station in that town to the extent of £50, and the society hopes to receive a similar sum in New Plymouth.

Considerable discussion took place regarding a proposal to standardise a crystal receiving outfit which could be installed for a few pounds. Dealers present considered that they could install outfits suitable for receiving the local station at a low cost.

Auckland Notes

(By Listener.)

MR. PLUMMER, a member of the Musical and Dramatic Committee of 1YA, has aroused much interest and no little comment by his suggestion that a 2s. levy be made upon all listeners, the money thus raised to be used in subsidising musical and other societies, who would thus be guaranteed against financial loss in allowing their performances to be relayed. The general opinion expressed here is that while there is much to be said in favour of Mr. Plummer's proposal, its one serious drawback is to secure the assent of listeners to the levy, which would have to be compulsory upon all, and which, therefore, would require Government sanction. It is felt that Mr. Harris has ably followed up the original proposal by the announcement that the Broadcasting Company will consider the whole situation and make definite proposals which will achieve the object in view without placing any further financial burden upon listeners. It is recognised that there are many difficulties in the way of securing broadcasts of public performances, from the viewpoints of both the promoters and the broadcasters, but the determination of the company to tackle the problem in a thorough manner will doubtless find a means of overcoming them.

HOLIDAY time for teachers has been responsible for a treat for local listeners this week. Mr. Norman Day, a schoolmaster at Tauranga, and his wife, who was well known in Auckland musical circles as Miss Cora Melvin, are spending a fortnight in Auckland, and their services have been secured for 1YA. Both are vocalists of note, and on Sunday evening, and again later in the week, they delighted their invisible audiences with excellently rendered solos and duets.

1YA laid itself out to give full prominence to the exciting Plunket Shield cricket contest here this week, and it did the job to the entire satisfaction of all. Each afternoon the station was on the air with a resume of the morning's play, and periodic descriptions of the struggle as it progressed. In the early evening session a full description from the pen of Mr. Gordon Hutter was also given, so that

those who had no opportunity for daytime tuning were kept fully and breezily informed of every incident. On relay, the station did full justice to the tense closing moments of one of the finest games ever witnessed at Eden Park.

THE initiative of our Musical and Dramatic Committee in offering prizes for locally-written radio plays and poems should bestir much of our literary talent into activity. The writer has come into contact with several who have studied the conditions laid down in the last issue of the "Record," and who are determined to try their 'prentice hands at radio dramatisation. The competition should attract numerous entries, and listeners are sure to find additional attractiveness in radio plays that are New Zealand products and have a New Zealand atmosphere.

LAST week the Salvation Army Band, under Adjutant Goffin, supplied a long-felt want in our programmes. Its selections on both evenings were most enjoyable, interspersed as they were with good vocal items.

FREAKISH atmospheric conditions have made distant tuning much of a lottery during the past few days, and there have been times when even 2YA could not be relied upon. Particulars of the Trentham race meeting, however, were heard clearly, though there was some disappointment at the delay in sending out results. Listeners are aware that while restrictions of broadcasting race meetings remain in force, they cannot expect the excellent service to which they were accustomed of yore.

Directorship of Station 4YA

Mr. Len. Barnes Appointed Permanently

MR. LEN BARNES, of Wellington, who has, since the resignation of Mr. J. W. Webb, been acting as station manager at 4YA, has now accepted permanent appointment in that capacity. Mr. Barnes will be a decided acquisition to the musical life of Dunedin.

Radio in Second Place A Voice from Brisbane in U.S.A. Industries

FROM a beginning a few years ago as a new idea and a new industry, radio to-day is second only to the motor-car industry in the United States of America.

Imagine two train loads, each of 20 huge cars, full of radio receivers, leaving a factory every day. And this is only one of America's huge radio manufacturing concerns.

The enormous field in the United States of America for something good at a low price is staggering to New Zealanders. A New Zealand distributor, for some make of radio receiver, would feel very pleased to have reached a total of 2000 receivers for one year's effort. But imagine how the American manufacturer views this business (which would be to the above man, one half-day's production), and we wonder why they are not keen to manufacture especially for 230 v. A.C. when their standard is 110 v.

One average-sized distributor in America has little hesitation in placing an order for 20,000 receivers for spread delivery over one season. The enormous concern referred to above, the manufacturers of the Majestic Receiver, conceived the idea of offering a musical instrument to the public, instead of a small metal cabinet, plus some wires and a separate speaker (the typical radio receiver of the past) at a price that was within the reach of all.

Estimating on a huge output, and consequent low production costs, this company decided to invest in the quality of the material the saving effected by quantity production. Even then, they found they could give better quality at lower prices than competitors manufacturing one-tenth of the number. Having at their disposal all the latest developments and improvements in wireless circuits, the Majestic engineers adopted the R.F.L. balanced circuit, and perfected this radio receiver until they produced the present wonderful instrument, a seven-valve (and rectifier) receiver, all electric, working from any 230-volt lighting socket, one-dial control, wonderfully selective, and a great "distance getter."

To ensure that the results of this splendid piece of apparatus were not spoiled by being hooked on to an inefficient loudspeaker, a genuine moving coil speaker was built to suit the exact characteristics of the set. The correct matching of the speaker to the receiver gives perfect reproduction, and immense volume without distortion. By attaching a gramophone pick-up to the cheapest of gramophones, and using the amplifier stages of this receiver, it is converted into a perfect electric gramophone. Realising that their new production was so perfected as to be classed as a musical instrument, the manufacturers proceeded to house the apparatus in a beautifully-designed and finished walnut console cabinet, fit to adorn the most elaborate drawing-room. Last year's popular models of radio receivers are not usually found in the music room, but in father's "den." This year, mother will claim the receiver for the music room. Thus, the radio receiver of to-day has climbed from the position of a "wireless set" to that of an "electric radio musical instrument." This splendid all-electric receiver will be retailed in New Zealand at below the price of the six-valve ordinary table model battery set

OPPORTUNITY was taken by 2YA of the presence in New Zealand with the party of Queensland bowlers of Mr. W. A. Jolly, C.M.G., Mayor of Brisbane, to put him on the air. After agreeing to this course, Mr. Jolly learned of the celebrations in connection with Anniversary Day in the Early Settlers' Hall, and expressed a willingness to visit that gathering, which was being broadcast by 2YA. In company, therefore, with Mr. J. Ball, and following on arrangement made by the Director of 2YA, Mr. Jolly visited the function and delivered an address which was one of the outstanding features of the gathering. Mr. Jolly gave a very fine speech, which struck the right note throughout. He expressed pleasure at meeting some of the old pioneers who had laid the foundation of this wonderful country. A wonderful heritage had been handed to the present generation, and if they emulated the spirit of the early pioneers an era of great prosperity would be reached.

Mr. Jolly commented that the idea of an Early Settlers' Association appealed to him so much that, on his return to Brisbane, he intended to set about the organising of a similar association there to perpetuate the memory of those who had assisted in establishing that State.

Arrangements were also made by the Radio Broadcasting Company for Mr. Jolly to speak from 1YA, Auckland, on Saturday night at 9.30. Telegraph advice of this arrangement was sent to 4QG, Brisbane, with the idea that, if they could secure good reception of the New Zealand stations on that occasion, they might broadcast the Mayor of Brisbane on the occasion of his delivering a radio address in New Zealand.

This incident demonstrates the care taken by the Radio Broadcasting Company to endeavour to see that all worth-while visitors from overseas who visit these shores are secured for broadcasting purposes.

of last year. The manufacturers claim that this year's production, the "Majestic," is nearing perfection in radio.

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S-O-S

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WELLINGTON — PALMERSTON

Exide BATTERIES

MEAN DEPENDABILITY.
Installed at 2YA Wellington.

All sizes. From 9/- each.

EXIDE SERVICE STATION

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ANNUAL RADIO STOCKTAKING SALE

Commencing February 1st all Radio Receivers and Accessories will be temporarily drastically reduced in price in order to reduce stock before stocktaking period.

SETS, KITS, LOUDSPEAKERS, ETC.,

At less than cost. Special reduction. Price list now available.
Watch our Windows.

BE EARLY—SEND FOR PRICE LIST.

Harringtons N.Z. LTD.

(The Leading House in Radio.)

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MAJESTIC

ALL-ELECTRIC

Radio Receivers

Have created a sensation in the Radio World. The most wonderful value ever offered in Radio Receivers. Compare the model illustrated with anything on the market—

7 Valves

and Rectifier

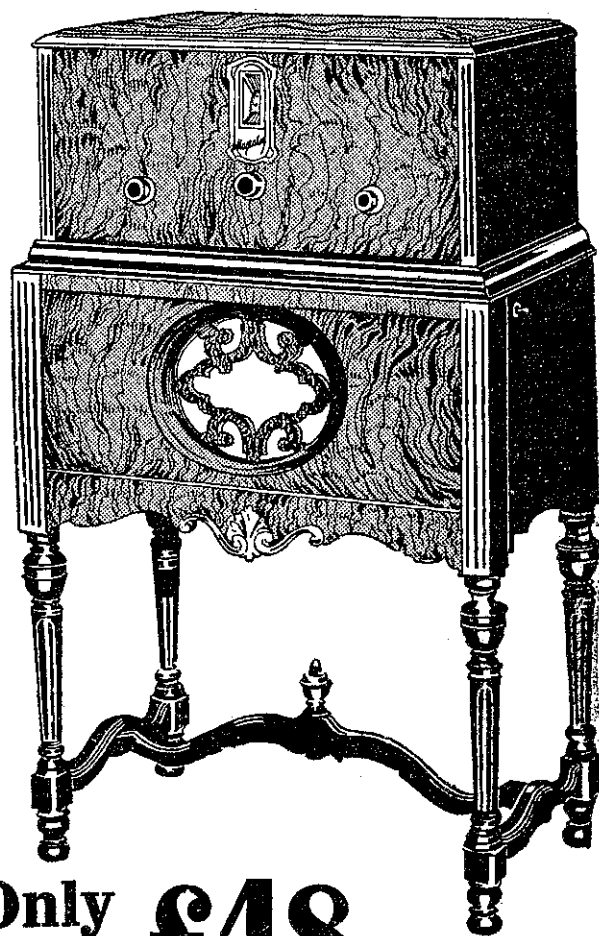
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MOVING COIL

LOUDSPEAKER

Beautiful Walnut Consoles with front panels of Matched Burl Walnut. Single dial control, amazing sensitivity, simple to operate. Majestic has "out-distanced" and "out-picked" anything on the market. Coupled to an electric pickup makes a perfect Electric Gramophone, equal to machines selling at £100.

A beautiful piece of furniture that will adorn the most elaborate drawing-room at the price of the "Tin Box" Receivers offered for sale! Those who buy an Electric Radio Receiver before seeing the Majestic will regret it later. Shipments arriving shortly.



Only **£48**

Complete. Ready to plug into the Lighting Socket.

"WAIT FOR THE MAJESTIC"

Distributors' names will be published later.

Dealers interested should communicate with—

THE MAJESTIC FACTORY REPRESENTATIVES

::

C.P.O. BOX 462, AUCKLAND.

IN BRIEF.

L.S. (Nelson) asks for the details of a five-valve receiver that will bring in the American stations. A powerful set will be described in our "Listeners' Guide," which will be out in the course of a couple of months or so. No one, however, can guarantee a set to bring in the American stations.

Valves Die Off.

MY receiving set is a five-valve set, factory made. When I plug in the valves light up, and the programme comes through good, but then it fades away, until in about half a minute or so it fades out completely and the valves die out. There is no other disturbance, it just dies out. The A, or wet, battery shows good readings, also the B and C batteries. I have examined and found nothing wrong with the connections of them. The wiring also appears to be good. I have tested with a new valve on all sockets, and still the same results. It is the same with headphones, as I thought the plug of the loudspeaker might be wrong.

After it has been standing a day the programme comes good for, say, half a minute; if I plug in again in ten minutes or so it just lights up, and very small portion of the programme comes through, and dies away, about ten or 15 seconds.—J.C. (Nelson).

ANSWER.—The fact that the valves light up to die off a few minutes later seems to suggest that there is a fault somewhere in the filament wiring of the set, probably between the A battery and the valves. This would account for the reception dying out as it does. The test should be that described in the "Beginners Corner" and in "Construction" some time ago: i.e., by using a pair of telephones and a dry battery.

Take the instrument and test out every piece of wire and every component lying in this circuit. First examine the A battery terminals to make certain that they are not corroded. From here follow the A battery end and one end at the binding post. If a good strong click is not heard it can be taken for granted that corrosion has taken place in the lead between the A battery and the set. Likewise, test the other wires in the filament circuit. Test very carefully resistances, if they are in the circuit, and the rheostat. The rheostat quite frequently gives trouble of this description, for after

being in use some time a rheostat, other than the very finest quality, makes a faulty contact, and the slightest jar, or even a great fluctuation in current, may cause the contact to be broken. Examine this carefully, then, to see that the connections are sound, clean, and solid. Any loose parts should be tightened up. If the rheostat is at all doubtful it can be tested by the 'phone method with the moving arm in different positions.

Test also the valve sockets by this method, although it appears that the trouble lies in a lead common to these rather than to the sockets themselves.

General Points.

"IN Trouble," Miramar, writes asking several questions, which are answered as under:—

1. Is the use of a condenser across the primary terminals of a transformer illegal?

ANSWER: Certainly not. In fact, some transformer makers include them in their transformer, viz., Ferranti. However, such a condenser can be easily placed across the primary of any transformer and it is advisable to do so.

2. Is there any difference in the efficiency of an aluminium or brass condenser?

ANSWER: Yes. The brass condenser is slightly more efficient than aluminium, and in consequence is higher in price. The aluminium, being lighter is particularly useful for light receivers of the portable type. The difference between the two is very slight.

3. How would fixed condensers be placed in the audio side of the receiver and what capacity is best?

ANSWER: There are several places in the audio side where condensers may be placed:—

- Across the primary of the audio transformer. Here a .0001 condenser is quite suitable;
- Between the terminals of the telephones. Here the value should be approximately 2mfd.
- Across the B battery.
- Between the B positive and the earth.

An advantage can be secured by placing a radio frequency choke between the first audio transformer and

the regeneration coil of the detector circuit. If this alteration is made, a condenser of .0001 should be placed between the coil side of the RFC and the A negative.

4. Do these condensers cut down the signal strength, and do they improve the tone?

ANSWER: The improvement in tone is worth any slight reduction in the signal strength.

5. What is the best way of toning down loud signals? Is it by inserting a variable condenser on the aerial before it reaches the set? If so, what would be the capacity of the condenser, and how would the strength of the signals suffer when the plates of the condenser were together? Would the condenser be used in a parallel or in series?

ANSWER: Yes. The best method of controlling volume is to place a mid-gate variable condenser in series with the aerial lead. The capacity should be .0001.

6. Is an amperite as good as a rheostat for the audio? If so, why?

ANSWER: Yes, except with an occasional valve, amperites could be used to advantage. These are always connected in series with the valve filaments and the battery. Care should be taken in selecting that the correct amperite for the particular valve is obtained. A chart has been prepared and may be obtained from any dealer who stocks amperites. However, other resistance may be used.

7. What value of rheostat should be used on a 4-volt valve in the audio stage?

ANSWER: The correspondent here has not made his question clear. Does he wish to use a 4-volt valve with a 6-volt battery, or does he want it to control volume? If it is the former, use a 300hm rheostat; if of the latter, a smaller capacity will give a fixed resistance would do equally well.

8. Could a 6-volt detector valve be used with a 4-volt audio if a separate A battery is used, and the two negatives connected?

ANSWER: By using two batteries, the correspondent is looking for trouble, as well as expense. The uses of rheostats or fixed resistances is far to be preferred when valves of different capacities are being used.

9. What is the function of a R.F.C.? Can it be used on the short waves if it is specified in the detector of the long wave circuit, or must it be subtracted?

ANSWER: A choke coil is a coil of great reactance or impedance, whose purpose is to limit the flow of alternating or pulsating current of certain frequencies through part of a circuit in which the choke is placed. The high frequency choke must oppose the passage of high frequencies, but must not choke back the audio frequencies. A choke should be used in the detector circuit of a short wave receiver.

Power Interference.

I AM considering building a 3-valve receiver, and would be pleased to have your advice on these questions. I am using a 2-valve set (O.V. 1), but results are not as good as I would like. I require a set to give 'phone work from the local, and from the Wellington station. Quality is the main consideration, and although the set has been improved by carrying out your

suggestions, I would like it better still. I am only half a mile from IYA, and on the car line, and so troubled by power noises.

1. Would you advise Browning Drake or Hammerlund Roberts circuit (1.V.1.) in the circumstances?

2. Would the use of a 22g. copper cabinet clear up reception if earthed? (This apart from the screening of the R.F. stage.)

3. Would the use of silver plated wire for the wiring of a set, in place of the usual tinned bus wire, improve a set by lowering the resistance?

I am a plater by trade, and it would mean practically no extra cost to soften and give a good coating to some copper wire of a suitable gauge. I understand radio currents flow more on the outside of a conductor, and if this is so, the plated wire would be much the same as solid silver wire. "Switch," of the R.R., seems to like the Browning Drake, but I have gained the impression that it might not be selective enough so close to IYA.

ANSWER.—(1) Both circuits are more or less suitable, but the correspondent would be well advised to consult the local manufacturers of the Hammerlund, Roberts receiver, Messrs. Johns, Limited, for further information on the use of this circuit locally.

(2) Yes, screening always helps to reduce noise. The RF stage could well be screened.

(3) Silver-plated wire would certainly make a slight difference, but for anyone other than the correspondent, who is in the trade, the experiment would hardly be worth the expense.

Regarding selectivity, the correspondent will have great difficulty to get any set that will cut out IYA within half a mile. The use of a wave trap may help to solve the difficulty.

The use of a counterpoise instead of an earth may also help to reduce noise, while care should be taken with regard to the direction of the aerial. It should be at right angles to the car lines.

Four-Volt Valves.

IN the "Notes and Comments" in this week's "Record" (dated January 18) I notice a paragraph whereby a listener has been advised to use a four-volt valve in his radio frequency stage of a Browning Drake receiver. This was done by "Switch," who was surprised at the results obtained from "distant" stations.

My receiver is a four-valve Browning Drake, using one stage of radio frequency. I use a six-volt battery for A supply, and a wet B battery of 112 volts. The valves I use are dull emitters, viz., detector PM5, radio frequency PM6, audio amplifiers PM6, and PM256.

Will you kindly advise whether this is the correct combination for my particular machine?

Also, let me know what type of four-volt tube to employ in R.F. stage, as indicated by "Switch," and whether this should manifest the vast improvement in sensitivity claimed by him. I use a Bradley stat on R.F. tube, and separate rheostats for detector and amplifier.

I have logged about 20 "outside" stations (American and Japs.), in addition to the usual Aussie and N.Z. stations. The aerial I employ is an inverted L, with two well-insulated masts, each 62 feet high. Locality—on a hill, and clear of all screening effect, and wires whatever. The situation, in fact, is little short of ideal, but in

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comparison with some of the big outside logs of northern listeners, my results are not what I think satisfactory. I have the Pierce earth system.

Congratulations on the very fine information contained in the "Record" (Bluff).

ANSWER.—When "Switch" spoke of a four-valve in the radio frequency stage of the Browning Drake, a valve of the UX199 type was meant.

Numerous correspondents have written in stating that they have had difficulty to neutralise their Browning Drake receivers, particularly in the case of the 2RF Browning Drake. A case of this was cited last week. The UX199 type of valve, i.e., the type having a high impedance, is most suitable for the first stage, because it may be easily neutralised, and will not spoil reception of a distant station by oscillation. By UX199, a type of valve

FOUR GOLDEN RULES.

1. The cheapest way is to use specified components, and no others.
2. Never buy spare parts from a friend. Friendship is too valuable to risk on the difference between a cheap and a new article.
3. Read all the information you can before beginning to build.
4. Avoid second-hand batteries like the plague.

is meant, and not one particular make.

All good valve makers turn out valves of this type, and the correspondent could ascertain from any reliable dealer the type of valve in the particular make he fancies that approaches nearest to UX199. It is not because the valve is four-voits that it is more sensitive; it is implied that the UX199 happens to be a four-volt valve, but other valves of this type need not necessarily be four-voits, i.e., Osram DEH810 is a six-volt valve, but equally suitable for the position.

Of course if a four-volt valve is to be used with a six-volt battery, a resistance should be placed in the circuit. This need not necessarily be a variable rheostat. The resistance of the Ampertite type is suitable.

Judging from the correspondent's log his receiver is in very good order.

PM5 is a high impedance valve, with a high amplification factor, and is therefore suitable for a H.F. stage.

GALVANISED iron wire as sold for clothes-lines makes an excellent stay for masts. Rope should never be used.

A Corner for Beginners

By Observer

A Washing Copper as Earth.

SOME time ago you were good enough to advise me in regard to the use of an old copper as an earth, at the same time expressing a wish to know the result.

I am now able to advise you that it is a complete success and I am

A few particulars of the installation may be of interest to you. The aerial is a single 1/14 wire 136ft. effective length, about 16ft. above the instrument where it is fixed to the house and about 2 to 3ft. higher, where it is carried by a tall gum tree. To get over the difficulty of sudden gusts of wind snap-

Important Notice Regarding Enquiries

AS our service is now being fully availed of and as almost every mail brings in a large number of enquiries on various topics, it has become necessary to adopt some system of uniformity. Correspondents are therefore requested to observe carefully the following points. Failure to observe these may mean delay in answering and even the loss of the letter.

1. Addresses.—All technical correspondence, whether inviting reply or not, must, in future, be addressed: "The Technical Editor," "N.Z. Radio Record," Box 1032, Wellington. This includes letters to "Pentode," "Galena," and "Observer," as well as those that have in the past been erroneously addressed the Editor.
2. Each letter to bear (inside) the department to which it refers:—Construction, Crystal Corner, Questions and Answers, or General.
3. Letters inviting reply must be accompanied by a stamped and addressed envelope, but the right to answer any letter through the columns is reserved. Correspondents should watch the columns carefully as one letter may be answered in more than one section.
4. Advice requiring discrimination between factory-made sets or between makes of components cannot be given.
5. All letters to be signed, but a nom-de-plume may be added.

getting wonderful results. The volume has greatly increased and the tone is much clearer. I can now hear every word of a speaker quite distinctly 7ft. away from the small loudspeaker operating direct off the crystal without any amplification.

I have had four headphones and a bar amplifier working the one loudspeaker simultaneously, and the speaker volume appeared little less than when working alone off the set when earthed to the water pipe.

ping the aerial—which happened twice—I have fitted strong springs at each end, as well as a counter-weight at the tree, and now find that there is no whipping of the aerial. I should have mentioned that the ground falls rapidly towards the tree which is about 50ft. high to the aerial pulley. My lead-in is 7/20 soldered in a special copper clip which I made to serve as a connection between the 1/14, 7/20, and lightning arrester. My earth wire is about 11ft. long from instrument to old copper, and is 7/16 cable. The detector is a permanent crystal. When cutting holes in the old copper I cut three rows staggered around it, each containing seven V cuts about 1 1/2 in. on the side. The top and bottom rows are bent out at right angles and the centre row bent in. The copper is filled with coke layers and fine earth alternately and a space of about 4 to 6 in. around the outside is similarly treated. The amount of water absorbed by this filling surprised me.

As wireless is no longer a luxury, in my opinion, I have wired an outlet to every bedroom, the breakfast room and living room, and a set of 'phones hangs at the head of each bed, so my household makes good use of 2YA and gets a good 30s. worth. Thanking you for

your advice.—JOHN T. MUIR (Khandallah).

Mr. Muir's Earth.

MR. MUIR'S earth was described in our special issue of December 14. The salient points in the installation are as follow:—

An old washing copper was taken and perforated with holes as described in the recent letter above. To the copper was soldered seven strands of 7/18 cable. This was sunk several feet in the ground, the copper being first filled with clinkers, and kept upright in the ground. Leading to this is a down pipe by which the copper and its contents can be continually moist.

The earth has no doubt proved very effective, and as in certain places in Khandallah it is particularly difficult to get a good earth, this system should prove admirable for anyone who has such a difficulty, and should be worth while installing by those who have facilities to do so.

INSTEAD of having an open tin of flux upon the work-bench it is a good plan to cut a hole through the lid into which a match-stick or other convenient gadget may be inserted when using the flux.

IF a loud-speaker is connected to the input of an L.F. amplifier the output of this will reproduce speech from the input end even though fairly long wires are used to connect the input and its "microphone."

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THE WOMAN'S POINT OF VIEW

By "VERITY"

A Child's Laughter

All the bells of heaven may ring,
All the birds of heaven may sing,
All the wells on earth may spring,
All the winds on earth may bring
All sweet sounds together;

Sweeter far than all things heard,
Hand of harper, tone of bird,
Sound of weeds at sundown stirred,
Welling water's winsome word,
Wind in warm wan heather.

One thing yet there is that none
Hearing ere its chime be done
Knows not well the sweetest one
Heard of man beneath the sun,
Hoped in heaven hereafter;

Soft and strong and loud and light,
Very sound of very light,
Heard from morning's rosiest height,
When the soul of all delight
Fills a child's clear laughter.

Golden bells of welcome rolled
Never forth such notes, nor told
Hours so blithe in tones so bold,
As the radiant mouth of gold
Here that rings forth heaven.

If the golden-crested wren
Were a nightingale—why, then,
Something seen and heard of men
Might be half as sweet as when
Laughs a child of seven.

Honey Cakes

COMB honey is usually regarded as the best when it can be obtained, but there are many excellent brands of extracted honey on the market. It should always be clear and pale gold in colour.

Dark honey is usually cheaper and poorer in quality, although many people prefer the stronger flavour. For cooking purposes the less expensive varieties can be used with good results.

A favourite way of using honey is in honey cakes. Sieve 1lb. flour, 1 teaspoonful ground ginger, 1 teaspoonful bicarbonate of soda, a pinch of salt and grated nutmeg.

Beat 4oz. butter and 4oz. sugar to a cream and stir in the flour, ½lb. honey and two well-beaten eggs.

Mix well together with a little milk. Pour into a shallow greased cake tin and bake in a moderate oven for half an hour, then dust with icing sugar.

Honeyed Apples.

Baked honeyed apples are an excellent sweet for children. Core the apples and fill the centres with honey. Bake in the ordinary way, and while cooking pour honey over them two or three times. Served hot they are delicious.

Honey vinegar is an old-fashioned remedy for colds. Take equal quantities of warm honey and white vinegar.

mix well together, and bottle. A teaspoonful of this two or three times a day will ease coughs and sore throats.

Date Gems.

2 eggs, 1½ cups flour, 2 teaspoons baking powder, 1½ tablespoons "Anchor" milk powder, 1 cup water, ½ cup dates (stoned and chopped), ½ teaspoon salt.

To Make the Milk.—Mix the water and the milk powder according to directions given.

Method.—Beat the eggs, add the milk and flour, and beat until smooth. Add the baking powder, milk powder, and the dates; mix thoroughly. Bake in greased gem pans in quick oven 20 minutes. Serve hot for preference.

Plain Muffins.

2 cups flour, 1 tablespoon sugar, 4 teaspoons baking powder, 1½ tablespoons "Anchor" milk powder, 1 egg, 1 teaspoon salt, 1 cup water, 1 tablespoon butter or dripping.

Method.—Sift the flour, baking powder, milk powder, salt, and sugar together, add slowly the egg and water. Now add the butter and mix well. Grease the muffin pans, and drop a spoonful of the butter mixture in each pan. Bake in moderate oven.



Painting the Sparklets

TO convert the plainest little evening frock into something which has Paris written all over it is a task calling only for the decorative colour sense with which most women are gifted, and a few materials that will cost not more than five shillings or so.

It was the Parisiennes who invented the art of decorating evening frocks in diamante which, in effect, is a design in flat tints outlined with a sparkling metallic powder. Sprays of flowers and foliage are the most suitable, but stencil patterns can also be used with good effect.

Any art dealer will supply the material; some soft stable brushes, a tube of the proper paste with fine and coarse nozzles, some gold bronze powder, and a selection of colours. For very rich effects, add silver metallic flakes and some red and blue metallic powders.

Painting the Design.

Then get a perfectly plain evening frock, or maybe a filmy scarf, of georgette, thin silk or crepe de chine. Hav-

ing selected your design, draw it lightly on the fabric with a soft pencil, or better still, on a sheet of paper, and pin the fabric over it.

Now go over the outline of the design with the paste, using a fine or a coarse nozzle, according to the effect desired. When the outline is completed, with a brush cover the paste with one of the metallic powders which will stick to the paste and make the sparkle.

Allow the paste to dry thoroughly before proceeding to the next stage, that of filling in the outlines with appropriate tints; a wide range of tints is available, and others can be made by mixing the colours in a saucer.

Paint the design with a fine brush, keeping the tints flat; don't try to do anything in the way of shading. When the first wash of colour is perfectly dry other colours can be painted over it to represent the characteristic markings on leaves and flowers, but, generally speaking, the broader the design is kept the more effective it is.

One and Twenty

When I was one and twenty,
And you were seventeen,
Of joy our hearts had plenty—
Unweary by what has been.

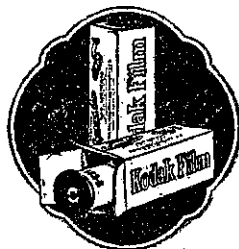
For there was then no morrow,
Nor e'en a yesterday;
High noon, tense life—and sorrow
Ne'er flecked the flowery way.

There was no dark or dawn, dear,
Just light and spells of dream,
All pearl and rose and fawn, dear,
And love the only theme.

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and have a
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etc., with
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Annotations of Annabel

Books.

WINTERSMOON.
(Hugh Walpole.)

DEAREST:

Accompanied by Richard the Good, recently I witnessed the film version of "His House in Order," starring Tallulah Bankhead, so great a favourite with London audiences, and for whose beauty and talent many good men and true have fallen, so to speak, with their sentimental hearts in their hands.

A LISSOM, ingenuous young thing appeared the American beauty, wearing short, chic, charming gowns with frolicsome grace. Spontaneous and attractive was her bearing, though perchance not of a dignity commensurate with the weighty dullness and social requirements of worthy and prosperous spouse. Richard being a cool and clear critic of things dramatic, when he can be induced to forsake the latest acquisition of volume on economics or the modern verse of his eclectic taste, I was intrigued to find his opinion coincided with mine, and that he preferred the acting of the slighted young wife in the filmed dramatisation to that of Miss Irene Vanburgh, for whom Sir Arthur Pinero wrote the play. Miss Vanburgh was seen here in this comedy, but appeared to less advantage than as the scintillating mondaine of "Aren't We All?" One hears that Lonsdale's witty and most modern "On Approval" is to be presented shortly, which is good hearing for those who like his delicious dialogue and diverting situations.

REVERTING to literary type, I have gone back to perusal of the romantic '90's. Well do I remember the fascinating and fantastic meanderings of "The Quest of the Golden Girl," written in Mr. Richard le Gallienne's salad days. The author's name was attractive to youthful and credulous ears, his hair so wild and woolly in fre-

quent photographs, his audacity enthralling in days when L'audace, toujours l'audace, had a quality denied it now when everyone is daring and dashing, or tries to be.

ON reading these intimate and delightfully-conveyed recollections of Walter Pater's wonderful physique and blunt conversation; William Morris's exquisite home and unconventional manners; Swinburne's petulance; Meredith's aloofness and Tennyson's rudeness; Whistler and Ibsen and Oscar Wilde; one realises afresh that in those years veritably there were literary giants in the land.

UNWILLINGLY deferring further contemplation of brilliant bygone period, and compelled to realism of the moment, the "unconquerable soul" extolled by Henley found itself wilting throughout past week, in that fate forced intimacy with inner workings and sordid issues of a court of law. What a human welter is encountered in those dim and dismal precincts; how battered the types with whom one rubs shoulders, and suspicious and censorious the eyes focussed upon us, however artless and unavailing the shred of evidence we offer with diffidence, being as unversed as any "unlesson'd girl" in the paraphernalia of legal complexities. Willy-nilly, however, sometimes we must take a hand in elucidation of frenzied finance or detrimental domesticity; and, though possibly not prone to butting in on other people's affairs, we are invited to speak the truth from our particular angle, and in so doing possibly convert a former indifferent acquaintance to future inimical enemy. All admiration am I for machinery of the law as a wise and awesome vehicle of vengeance; but, having an eye on the gospel of gaiety and peace and goodwill to men, prefer to survey its effect upon

my fellow-creatures from a distance as considerable as its own long arm.

HONOUR and glory and a royal road to publicity are opened for achievement by the Radio Broadcasting Company's competition for Radio Playlets. Wit and sparkle of dialogue are essential, and that "snappy" plot so difficult to disinter from a brain that refuses to snap, mental processes that grow duller and duller in the present flaming weather. A great chance this, however, for those possessed of flair for dramatic expression, to deflect some of that fierce and enviable limelight that beats upon literary success, especially in a field that is yet practically unexploited in this Dominion.

YESTERDAY, escaping from the hurly-burly, very lovely looked the countryside through which I was driven by kindness of youthful and accomplished Jehu, who handled his car with a debonair discretion and skill, camouflaged as recklessness, that won my respect. Shimmering in the foreground, undulated gold and green expanses and sweet small valleys, in the distance rose blue hills of hope; all in that native clarity of atmosphere which Mr. Nugent Welch imprisons in his landscapes, hazing and softening, when evening fell, to a wistful radiance, haunting and pellucid as a lovely verse of Alice Meynell's. In such a rare New Zealand twilight, if young and in love, a poet might be evolved.

*Our songs are sweeter far,
The flowers about our feet
Sweet and more sweet,
And every star
Is starrier
Because of her.*

Your

ANNABEL LEE.

Children and Films

A CHILDREN'S Kinema Council has been formed by Lady Cowan, president of the British Women's Patriotic League, with the admirable aim of showing interesting and amusing films suited to children in England.

Everyone agrees that the influence of the film on the child mind is in need of study, and that many films at present shown must have a most unfortunate effect on the young.

Yet, though all are agreed that the work needs doing, the task of enlisting the co-operation of producers, exhibitors, and the general public is immense.

Lady Cowan's committee has got to work at once, and a model show is to be given early next month at the Excelsior Picture Palace at Bethnal Green, London. This it is hoped will be followed by children's performances all over the country.

Nobody who has watched a group of children responding to an exciting American film full of crude "sex appeal" and violent hand-to-hand fighting can doubt the importance of the matter.

But we must remember that the question is a difficult one. The films given

must have an entertainment value, and they must interest, as well as improve and inspire the children.

Odds and Ends

Wool Embroidered Tulle.

AN unusual combination of materials is used with success in an evening frock of shaded brown tulle, with large wool embroidered flowers at the waist. The skirt of the frock is frilled and very long, and the stiff waistband of woollen marigolds, in shades of brown and orange, makes an attractive contrast to the softness of the dress.

Crochet Belts.

FINE silk cord cleverly crocheted in a raised design is made into belts for wear with jumper suits of either silk or wool. They may be found in many shades, and are fastened with original metal clasp studded with stones to match the colour of the cord.

Tortoiseshell Necklaces.

POLISHED tortoiseshell, in both the dark and blonde shades, is used effectively in combination with dull gold

beads to make original necklaces. The tortoiseshell takes the form of large round beads, strung together with chains of small gilded beads. Another necklace, of dark tortoiseshell, is made in square plaques with alternate links of seed pearls.

Iridescent Buttonholes.

IRIDESCENT kid, similar to that used for shoes, makes attractive buttonholes for the tailor-made. The kid is made into small, flat flowers, like camellias, and these are placed together on a plain leather stalk to make small, stiff posies.

Original Centre Piece.

SMALL tortoiseshell sticklebacks and an octopus of brilliant jade green, floating on the surface of the water in a large crystal bowl, are the latest ornaments for table decoration. Small spikes of coral give the appearance of a real under-the-sea picture.

Wired Lace Flowers.

STIFFENED lace in fine designs is used to make attractive flowers to accompany dainty evening frocks of lace or chiffon. The flowers may be purchased in all colours. To preserve their stiffness they are wired at the edge, and bound with velvet.

MR. WALPOLE knows his England.

Perhaps no contemporary novelist, with the single exception of Mr. Galsworthy, is equally well versed in, and so accomplished an exponent of, the physical beauty of the country we call Home, as well as the spiritual oddities and attributes of the inhabitants thereof.

In "Wintersmoon," his latest, though not his greatest, novel, the author brings us in touch with many types. With "the Quality" we rub shoulders, and admire very much a butler named Hignett, who, by virtue of loyalty and single-hearted steadfastness of purpose, is a great man. Also we find admirable vignettes of some types of maids and men in post-war England; and an arresting portrayal of a fast disappearing aristocracy which, in essential characteristics, is peculiarly of our own race and creed.


There are many digressions and side issues, but in the main this is the story of Wildherne Poole and Janet, his wife, who married without love, as they frankly confessed to each other. Wildherne has had the romance of his life, or so he imagines; his wife loves her sister, the beautiful and heartless Rosalind, above all created beings. The two must dree their weird; relatives prove a hurdle on the road to happiness; together they break their hearts over the death of the small Humphrey, their one child, and a most engaging infant, worthy of the creator of Jeremy himself; and ultimately happiness is discovered in mutual devotion.

This is a long book. Too long some will think; but the pictures of London life are enthralling, and there are arresting etchings of types of the younger set, hard, detached, glorying in shedding of shibboleths of sentiment, unselfishness, religion, and the rest. Memorable are some reflections of the charwoman who, as a proud and happy wedding guest, out of a wide experience decides:—

"You could never tell with men.

Tired of things so quickly, and of women quickest of all. At the beginning they wanted love, in the middle they wanted change, at the last they want a home, and if only drink didn't ruin them they always came back."

And we meet again that agreeable wordling, Lord John Beamister, grown old and lonely in a world that gradually has emptied itself of the men and women he loved in his heyday, and now swarms past him carrying away demolished landmarks of London, his adored.—R.U.R.



When your throat pricks
take—
Pulmonas
FOR COUGHS AND COLDS

Next Week's Features

1YA Features

THE beautiful "Wedding March" (from "Lohengrin") will be sung on Tuesday evening by Miss Alma McGruer and the Lyric Quartet. This will be one of numerous operatic pieces to be presented that evening. Other excerpts will be from "La Boheme," "Country Girl," and "French Maid." Orchestral selections will be from "Monsieur Beaucaire" and "Lilac Time." Humorous numbers will be given by Mr. Alan McElwain.

SOLOS and duets by Miss Phyllis Hazell and Mr. Frank Sutherland, elocutionary items by Mr. A. McSkimming, organ selections by Mr. A. E. Wilson with vocal refrain by Miss Doreen Logan, and items by the Auckland Concertina Band, will go to form the popular concert programme on Wednesday evening. The duets will be "Come Sing to Me" and "Won't You Buy?" Miss Hazell's solos will comprise "Wondering Why," "What a Wonderful World it Would Be." Mr. Sutherland will sing "The Dreams of London" and "Joggin' Along the Highway." Mr. Arthur E. Wilson will include much variety. The solos which are to be sung by Miss Logan to organ accompaniment will be "O Divine Redeemer" and "Give Thanks and Sing."

CONTRIBUTING to the vocal programme for Thursday evening will be the popular St. Andrew's Quartet. Concerted numbers will be "Strange Adventure," "The Man Who Would Woo a Maid," and "Pussy's in the Well." Miss Adelaide Taylor will sing "The Dancing Lesson," and "O, Love, from Thy Power" will be sung by Miss Phyllis Gribben. The old favourite, "Father O'Flynn," will be sung by Mr. A. Colledge, and Mr. Stanley Raymond will sing "O Flower Divine." The two gentlemen will also sing Handel's "Go, Baffled Coward." On the same programme will appear the "Snappy Three," whose vocal and piano novelties are always popular. Miss Ina Bosworth (violin), Mr. Eric Maxwell (piano), and the Auckland Trio will provide instrumental music. The announcer will give a talk on Robert Louis Stevenson.

THE vocal portion of the musical programme on Friday evening will be provided by Madame Mary Towsey's Quartet, the members of which will sing solos, duets, and quartets. Under the last-named heading will be Stanford's "Quick, We Have But a Second," and "The Last Rose of Summer." Duets will be "O, Wert Thou in the Cauld, Cauld Blast," and "When the Lilac Bloom Uncloses." Madame will sing "For a Dream's Sake," and Miss Edna Peace will sing "When Childer Plays." Baritone solos by Mr. John Bree will be "Morning" and "Less Than the Dust." Mr. John McDougall will sing "To Mary."

Elocutionary numbers by Mr. J. F. Montague on Friday evening will be "Death of a Little Child," "Three Kisses," and "Henry V at Agincourt."

Mysterious Music of the East

THROUGH the genius of Rimsky-Korsakoff, Scheherazade will speak at 3YA on Thursday evening. It is a tale of marvels to beguile her lord. She tells of Sinbad and the magic isles, . . . horses with brazen feet and men of steel, sultans and princesses, houris and turbaned slaves. Colour, warmth, rhythm, the very perfumes of the Orient breathe in her artful words.

From the ancient collection of tales known as the "Arabian Nights," Rimsky-Korsakoff drew inspiration for some of the most vivid and exotic music ever written. His "Scheherazade" Suite is a marvellous arabesque of orchestral colour, brilliantly imaginative, technically fine. Three generations of music-lovers have delighted in it.

The Book of the Thousand and One Nights—commonly known to us as the "Arabian Nights"—is the most famous collection of romances in the literature of the world. Growing up, between the ninth and thirteenth centuries, from

The Studio Orchestra will present an interesting programme on Friday evening. The items will include Weber's "Oberon," a suite by Chaminade, a selection from Bach, Moszkowski's "Dance of the Elves," and an excerpt from "The Belle of New York."

FULL of variety will be Saturday evening's programme. The contributing artists will be the Asquiths (in a 30-minutes' drawing room entertainment), the Bohemian Duo (in Hawaiian melodies), the Auckland Trio, Miss Molly Wright (cello), Mr. T. T. Garland (humour), and some special records.

Notes from 2YA

IN the after-church concert on Sunday evening, Miss Rita Arnold will be heard in an excerpt from the opera "Don Carlos" entitled "O Fatal Gift," and in the well-known "Elegie" of Massenet. She will also sing with Mr. Kemp the duet "Hold Thou My Hand." Mr. Ray Kemp has chosen for his items "Thanks Be To God," by Dickinson and Bartlett's well-known song "A Dream"; the latter number will be bracketed with Haydn Wood's "A Brown Bird Singing." Mr. Chas. Edwards will sing as tenor solos Alltson's "The Lord is My Light," and a bracket of two further numbers, "My Task," by Ashford, and "The Blind Ploughman," by Clarke. Pianoforte solos will be played by Mr. Norman Izett who has chosen for his items Barrett's "Highland Lament," and Chopin's Valse Op. 42.

On Monday there will be a further lecturette at 7.40 by "Hare Hongi." Miss Nora Greene, whose fine contralto voice and artistry have made her a favourite with radio audiences,

the tales that reached the Arabic through India and Persia, it became the story-book of the East, and, though it took long to penetrate to the Western world, its triumph was complete when it arrived. Such stories as "Aladdin" and "Sinbad the Sailor," which are now part of the common stock from which English children's stories and pantomimes are drawn, are derived originally from the "Arabian Nights."

The ballet "Scheherazade" was written by Rimsky-Korsakoff in 1888. It is based upon unconnected episodes from the "Arabian Nights," scattered through all four movements of the suite—the sea and Sinbad's ship, the fantastic narrative of Prince Kalender, the Prince and the Princess, the Baghdad festival, and the ship dashing against the rock with the bronze rider upon it. The composer himself described it as a "kaleidoscope of fairy-like images and designs of Oriental character."

will be heard on Monday evening in the famous aria "Softly Awakes My Heart," from Saint-Saens's opera "Samson and Delilah," and in a bracket of two lighter numbers. Miss Myrtle Elliott will, on Monday, make her debut as a radio vocalist. Miss Elliott, who is the possessor of a pleasing soprano voice, will sing Zerdos's "To the Angels," "The Garden of Happiness," and the well-known favourite, "Bird Songs at Eventide." Mr. S. E. Roger has chosen for his items a group of three well-known Irish songs, the evergreen "She is Far from the Land," "The Snowy-Breasted Pearl," a romantic little number symbolical of the Irish race, and the always popular "Mother Machree." Mr. Oscar Dyer, one of Wellington's rising young tenors, has chosen for his items a song by Squire entitled "The Sold" and a composition by Friml, "My Paradise."

MISS Muriel Allan, a talented young pianist from the studio of Miss Valerie Corliss (a local teacher of English and Continental experience), will present studies from the modern composers such as Palmgren, Swinstead, Scriabin and Zolotarev.

Mr. Victor S. Lloyd, whose work created something of a sensation amongst listeners on his first appearance before the microphone recently, will relate another of his experiences.

Apropos of Mr. Lloyd's first appearance, a well-known radio journalist remarked that in his opinion Mr. Lloyd's item was the finest thing he had heard "over the air," and listeners will no doubt be interested to know that arrangements have been made for a series of items from Mr. Lloyd in the future. Mr. Lloyd has proved himself a worthy disciple of "Alan of 2LO, London," whose items are always favourites with the radio audiences of the United

Kingdom. "Alan of 2LO" is one of the people included in the "Masters of the Microphone" series published by the "Radio Times" (the official organ of the B.B.C.).

A YOUNG tenor of promise in the person of Mr. Oliver Foote will on Tuesday make his radio debut. Mr. Foote's numbers will include Moore's "Off in the Silly Night," an old Irish ballad that is always a favourite. He will also sing a rather unusual and bright song by Slater, entitled "Hira, Hera Ho," and a composition by Lohr, "Time Was I Roved the Mountains."

Mr. Chas. Brazier, one of Wellington's leading exponents of the banjo, will also be on the same programme. Mr. Brazier is by no means a newcomer to radio, having appeared with marked success on 2YA's programmes last year.

Jazz songs will be sung by Mr. W. E. Elliott, who will feature amongst his items the popular song "Sleepy Seas." This is an item that has always been encored whenever Mr. Elliott has sung it, and no doubt listeners will look forward to this item with pleasurable anticipation. Mr. Elliott is an artist of experience, having appeared on several big picture theatre circuits, as well as locally at various functions, clubs and public entertainments.

Mr. Jock Martin, a Scottish comedian, recently arrived from the Old Country, will entertain listeners with original songs and stories redolent of the land of the heather.

Miss Marjorie Buckeridge, the popular young soubrette, will entertain listeners with two numbers from her repertoire, "Dancing Time," by Kern, and Stuart's "Oh, Listen to the Band."

ON Thursday afternoon Messrs. Hamilton Nimmo and Sons will give another of their popular Player Piano and Gramophone Recitals. The Player Piano selections will be played by Mr. A. J. Nimmo, one of the principals of Messrs. Nimmo and Sons, and one whose rendition of player rolls was the subject of very favourable comment on the occasion of this firm's last recital.

On Thursday evening at 7.40 Colonel Sandell, of the Salvation Army Headquarters Staff, will give another of his interesting and informative talks, his subject on this occasion being "Uncommon Commonplaces—the Homeland."

Outstanding items by the Wellington City Silver Band on Thursday evening will be Round's celebrated "Musical Fragments," a waltz by Rimmer, a euphonium solo, "The Village Blacksmith," a selection entitled "American Four," and a reverie "The Bell of Sunset." Two popular marches, "For Freedom and Honour" and "Westbury," will also be played.

The vocal section of Thursday's programme will be provided by the Mellow Fellows' Male Quartet, whose items will range from grave to gay, a special number being a four-part arrangement of the popular fox-trot, "C-O-N-S-T-A-N-T-I-N-O-P-L-E." This

tem is being repeated by request, it having proved very popular with listeners on its first presentation. Miss Christina Young, mezzo-soprano, who sang on the opening night of 2YA as soloist of the Love Maori Quartet, will sing two Maori songs, "Hine e Hine" by Te Rangī Pahi, and "Home, Little Maori, Home," by Alfred Hill.

A feature of Thursday's programme will be "Child Impersonations," by Mrs. William Bailey, and two sketches by Mr. and Mrs. William Bailey. Mr. and Mrs. Bailey are two well-known teachers of the dramatic art in Wanganui, and on the occasion of their last visit to 2YA their work was praised on all sides. The sketches to be presented will be "The Brass Door Knob," a dramatic number, and "A Marriage Has Been Arranged," a humorous number.

THE Etude Quartet, comprising Miss Gretta Stark (soprano), Miss Rita Arnold (contralto), Mr. Frank Skinner (tenor) and Mr. Roy Kemp (baritone) will on Friday give excerpts from the well-known musical comedy, "The Arcadians." The items to be presented will comprise vocal solos, duets, quartets and choruses. The elocutionary items for the evening will be provided by the well-known local elocutionist, Mr. Barton Ginger, who has chosen for his items two excerpts from "Grindle" by Thomas—Grindle on "Daughters" and Grindle on "Cupid and Cooking."

THE Melodie Four will on Saturday evening give listeners a bright and interesting programme. Their quartet numbers will include the humorous "Old Mother Hubbard" and two popular numbers, "The Sweetheart of Signa Chi" and "Songs of Hawaii." Mr. R. S. Allwright (baritone) has chosen for his solo the rollicking old ballad "Father O'Flynn." Mr. Frank Bryant will present the old favourite "Duna." Sanderson's fine song, "The Last Call" will receive at Mr. Marshall's hands sympathetic treatment, and Mr. Sam Duncan's tenor voice will be heard in Coningsby Clarke's "Daphne," a beautiful little number which is sure to please all tastes. Mr. Will McKeown will provide the humour of the evening, his item being "The Fatal Sneeze" and "After the Accident," two numbers which, rendered in Mr. McKeown's inimitable style, are bound to tickle the visible faculties of listeners.

"Novelty piano solos which are different" might be the way that the items to be given by Mr. McKenzie on Saturday could be described. Mr. McKenzie takes an item or an excerpt from a musical comedy, plays it through "as written," and then proceeds to give his own version of the excerpt, and a novelty is the result.

Notes from 3YA

MR. and Mrs. J. W. Bailey, the two talented Wanganui entertainers who have frequently been heard from 2YA, and also occasionally from 3YA, will be passing through Christchurch next week, and will appear on Monday evening. They will present two sketches, "The Reason Why" and

"Jealousy." Mr. and Mrs. Bailey are radio artists who are well worth hearing.

A fine musical programme has been arranged by Mr. J. Scott, conductor of Derry's Military Band, for Monday evening. Instrumental items will also be played by the Studio Trio, these items including Wagner's "Star of Eve" and Chopin's "Polonaise in A." Among other numbers the band will play "In a Persian Market."

The vocalists on Monday's programme will be Mrs. Daisy Cherry (soprano), Miss Agnes Richardson (contralto), and Mr. Ernest Lang, all very acceptable artists, who will present a variety of items.

SOME songs which were very popular in the '80's of last century appear on Wednesday's programme, and will be very much appreciated by the older generations. Among these may be mentioned "When the Heart is Young," "I Arise from Dreams of Thee," "Three Fishers," "The Yeoman's Wedding Song," and Blumenthal's "My Queen." Another song which will make a great appeal will be "The Sweetest Flower that Blows," one of the most popular songs sung by Dame Clara Butt. The vocalists for the evening will be Miss Mabel Eaglesome, Madame Eva Litchfield, Mr. Ad. R. Thompson, and Mr. J. Graham Young. The last-named is new to radio. A pupil of Mr. Robert Grey, of Auckland, late of the Carl Rosa Opera Company, he has a fine style and well-controlled voice. He has been very successful in competitions.

Mr. Alan Brown, a popular performer at 3YA, will provide much droll humour under the titles "A Touch of Liver" and "Dressing, Morning and Luncheon." The instrumental music of the evening will be contributed by the Bohemian Quintet, Miss Irene Morris (violin), and Miss Lucy Fullwood (pianiste).

"THE Golden Threshold," characteristically Eastern, will be presented, with full accompaniment, by the Studio Trio, on Thursday evening. The verses are by the Indian poet, Saropim Naidu, set to music by Liza Lehmann. This is another of the charming song cycles for which the name of Liza Lehmann is famous. Solos, duets, and choruses compose "The Golden Threshold." The vocalists will be Madame Gower Burns, Mrs. Anne Harper, Mr. Ernest Rogers, and Mr. James Filer, the whole production being under the direction of Madame.

In the supporting miscellaneous programme, occupying the second half of the concert session, the same artists will perform, and two elocutionary numbers will be given by Mr. W. H. Moses. As a cello solo, Mr. Harold Beck will play Rimsky-Korsakov's delightful melody, "Chanson Hindoue."

SOME interesting operatic numbers will feature the programme to be presented by the Radiolians on Friday evening, these numbers comprising selections from "Faust," "Patience," "Maid of the Mountains," and "Rebel Maid," in solos, duets, and trios. Combining as it will an excellent instrumental programme by the Bailey-Marsden Dance Orchestra, Friday evening's entertainment should be a very enjoyable one. This very popular organisation will play numerous selections as well as dance tunes.

REMEMBER "Two Little Girls in Blue," "Still His Whiskers Grew" and the "Bicycle Built for Two"? Or "The Old Kent Road," "My Old Dutch" and "The Man Who Broke the Bank at Monte Carlo"? If you have, almost forgotten these old favourites your memory will be revived on Saturday evening when these and other songs which were once very popular on every music hall stage and concert platform will be sung. The entertainment will be full of humour, too—a real vaudeville. The whole two hours' programme has been arranged and will be presented by the Revellers' Concert Party.

Notes from 4YA

ON Tuesday, February 5, the Dunedin Banjo Trio will make a welcome re-appearance at 4YA, playing several popular numbers. On the same programme will appear Miss Nancy Ayson, who will recite "Twenty Gallons of Sleep." Miss Gwenda Burt (contralto) will sing "The Great Awakening," "Pot Pourri," and "Far Across the Desert Sands." Mr. Albert Bicknell's numbers will include the baritone solos, "My Heart's Desire," and "Roadside Fire," by Vaughan Williams. Tenor solos will be sung by Mr. G. Crawford, including two songs by Daisy McGeogh, "Cabbage Roses" and "The Secret of the Tide." Miss Lettie de Clifford (soprano) will be heard in "Happy Summer Song" and "My Laddie."

ON Wednesday evening the 4YA Broadcasting Trio will be heard in "Melodies Mignonnes" and "Dance Tune," while members of the trio, Miss Eva Judd (violinist), Mr. P. J. Palmer (cellist), and Miss Aileen Young (pianist) will be heard in solos. The Serenaders will sing two quartets, "Farewell to the Forst" (by Mendelssohn), and a beautiful old English number, "Golden Slumbers." Some very fine vocal solos will be heard, "Trees" and "A Legend" to be sung by Miss Mae Matherson, "The Windmill" to be sung by Mr. R. B. Macdonald, and "O Hope Within My Bosom" (Handel) by Miss Dorothy Allan. Miss Rona Scott will render elocutionary items.

MR. L. E. Dalley is perhaps one of the finest tenors appearing on the public platform to-day, and

on Friday, February 8, he will be heard in "O Vision, Entrancing," from "Esmeralda," "I Wept, Beloved" (by Hue), and "Orpheus with His Lute" (by Vaughan Williams). Recitals will be given by Miss Tui Northey, a leading young elocutionist, and Miss Florence Sumner will be heard in soprano solos.

THE programme on Saturday evening, February 9, consists of many delightful and entertaining numbers, in addition to relays from the Octagon Theatre, where the orchestra is under the baton of Monsieur Henri de Rose. Humorous sketches will be given by Miss Anita Winkel and Major F. H. Lampen, popular songs will be sung by Miss Minna Ahlers, and Mr. Norman Scurr. Miss Eileen Cooper will entertain with songs at the piano, and Scottish humour will be provided by Mr. Buster Brown.

Some Descriptive Notes

A PATHETIC story underlies the Irish song "She is Far from the Land," which is to be sung at 2YA on Monday evening by Mr. S. E. Rodger. This song is founded on fact. The heroine of the ballad was in love with the great Irish patriot, Robert Emmett, and she never recovered from the shock of his untimely end. She married an officer of the British Army, and although he was very much in love with her and treated her with the utmost consideration and kindness she gradually pined away. Her husband, thinking that a trip abroad might prove beneficial, took her to Italy with him, but it was of no avail, for she died a year or two later "far from the land" she loved so well—Ireland.

NOTICING on the programme that the "Blue Danube" waltz is to be played next week at 1YA reminds us that in the days of our parents' youth Strauss had a magic name, whether it were that of the Johann who saw Queen Victoria come to the throne or his more famous son Johann (1825-1899), who composed "On the Beautiful Blue Danube" and over four hundred other dances. Johann the younger eclipsed his father and became the most popular musician in Vienna in the middle of last century.



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Full Programmes for Next

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Sunday, February 3

1YA, AUCKLAND (333 METRES)—SUNDAY, FEBRUARY 3.

- 3 p.m.: Afternoon session—Selected studio items.
 4.0: Literary selection by the announcer.
 4.8: Further studio items.
 4.30: Close down.
 6.0: Children's hour conducted by Uncle Leo.
 6.55: Relay of evening service from St. Paul's Church (Preacher, Rev. Cecil A. B. Watson; organist, Dr. W. C. Thomas).
 8.30: Overture—Berlin State Opera Orchestra, "Beautiful Galathea" (Suppe) (H.M.V. Record C1527).
 8.38: Contralto solos—Miss Madge Clague, (a) "Nearer, My God, to Thee" (Carey), (b) "Down Here" (Brake).
 8.46: Pianoforte solo—Alfred Cortot, "Polonaise, Op. 74, No. 5" (Chopin-Liszt) (H.M.V. Record DA146).
 8.50: Baritone solo—Sergeant W. H. Hallahan, "Devonshire Cream and Cider" (Sanderson).
 8.54: Cello solo—W. H. Squire, "The Blind Boy" (Moore) (Columbia Record 03604).
 8.58: Orchestra—Royal Opera Orchestra, "Faust" Ballet Music" (Gounod) (H.M.V. Record C1463).
 9.6: Contralto solos—Miss Madge Clague, (a) "Flower Song" from "Faust" (Gounod), (b) "An Briskay Love-Lilt" (Kennedy).
 9.14: Pianoforte solo—Alfred Cortot, "Preludes Nos. 12 and 8" (Debussy) (H.M.V. Record DB405).
 9.18: Baritone solos—Sergeant W. H. Hallahan, (a) "Sea Fever" (Clarke), (b) "Golden City of St. Mary" (Clarke).
 9.26: Orchestra—Columbia Symphony Orchestra, "March of the Toys" (Hubert) (Columbia Record 02651).
 9.30: God Save the King.

2YA, WELLINGTON (420 METRES)—SUNDAY, FEBRUARY 3.

- 3 p.m.: Chimes of the G.P.O. clock.
 3.1: Selected gramophone items.
 4.30: Close down.

- 6.0: Children's song service conducted by Uncle George.
 7.0: Relay of service from Vivian Street Baptist Church (Preacher, Rev. F. E. Harry; organist, Mr. Chas. Collins; choirmaster, Mr. J. R. Samson).
 8.15 (approx.): Overture—Philadelphia Symphony Orchestra, "Rienzi" (Wagner) (H.M.V. Records ED3-4).
 Contralto solo—Miss Rita Arnold, "O Fatal Gift" ("Don Carlos"—Verdi).
 Violin solo—Sascha Jacobsen, "Midnight Bells" (Henberger and Kreisler) (Columbia Record 01148).
 Baritone solo—Mr. Ray Kemp, "Thanks be to God" (Dickson).
 Pianoforte solos—Mr. Norman Izett, (a) "Highland Lament" (Barrett), (b) "Valse," Op. 42 (Chopin).
 Tenor solo—Mr. Chas. Edwards, "The Lord is My Light" (Allitsen).
 Orchestral—London Symphony Orchestra, (a) "Chanson de Matin," (b) "Chanson De Nuit" (Op. 15, Nos. 1 and 2, (Elgar), (H.M.V. Record D1236).
 Vocal duet—Miss Rita Arnold and Mr. Ray Kemp, "Hold Thou My Hand" (Briggs).
 Harpsichord solos—Madame W. Landowska, (a) "Harmonious Blacksmith" (Handel), (b) "Turkish March" (Beethoven) (H.M.V. Record DA60).
 Tenor solos—Mr. Chas. Edwards, (a) "My Task" (Ashford), (b) "The Blind Ploughman" (Clarke).
 Contralto solo—Miss Rita Arnold, "Elegie" (Massenet).
 Band selection, H.M. Coldstream Guards, (a) "Barcarolle" (Tschalkowsky), (b) "Valse Creole" (Tschalkowsky).
 Soprano solos—Mavis Bennett, (a) "Pretty Mocking Bird" (Bishop), (b) "Down Vauxhall Way" (Oliver) (H.M.V. Record C1877).
 Organ solos—Chas. W. Saxby, F.R.C.O., "Classica" (pot-pourri selection of famous airs, arr. Ewing) (Zonophone Record A334).
 Baritone solos—Mr. Ray Kemp, (a) "A Dream" (Bartlett), (b) "A Brown Bird Singing" (Wood).
 Band selections—H.M. Coldstream Guards, (a) "Pomp and Circumstance" March (Elgar), (b) "Marche Lorraine" (Ganne) (Columbia Record 02681).
 Close down.

3YA, CHRISTCHURCH (306 METRES)—SUNDAY, FEBRUARY 3.

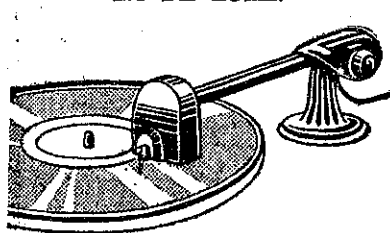
- 3 p.m.: Afternoon session—Gramophone recital (electrically reproduced).
 4.30: Close down.
 5.30: Children's song service (Uncle David).
 6.15: Hymn chimes.
 6.30: Gramophone recital (electrically reproduced).
 7.0: Relay of evening service from the Durham Street Methodist Church (Preacher, Rev. W. T. Blight; organist, Mr. Ernest Firth, F.R.C.O.).
 8.15 (approx.): Overture—Berlin State Opera Orchestra, "Mignon" Overture, Pts. 1 and 2 (Thomas) (Parlophone Record E10537).
 8.23: Soprano solo—Mrs. T. G. Rogers, "Oh that Summer Smiled for Aye" (Davies).
 8.27: Tenor solo—Mr. T. G. Rogers, "Father of Light" (Adams).
 8.31: Violin solos—Edith Lorand, (a) "Liebesfreud" (Love's Sorrow) (Kreisler), (b) "Liebeslied" (Love's Joy) (Kreisler) (Parlophone Record E10537).
 8.39: Contralto solos—Mrs. D. W. Stallard, (a) "Still as the Night" (Bohm), (b) "In the Garden of My Heart" (Ball).
 Baritone solo (with orchestra)—Kenneth Ellis, "But Who May Abide," from "The Messiah" (Handel) (Parlophone Record E10539).
 8.45: Instrumental Quintet—Parlophone Instrumental Quintet, "O Thou Joyful" (Christmas Hymn) (Parlophone Record A2581).
 8.53: Soprano and tenor duet—Mr. and Mrs. T. G. Rogers, "O Lovely Night" (Ronald).
 8.57: Choral with orchestra—Pertile, Ferraris, Righetti, and Baromeo (with chorus and orchestra), "La Rivedra Nell Estasi" (Verdi) (Parlophone Record R2007).
 9.5: Contralto solo—Mrs. D. W. Stallard, "The Lost Chord" (Sullivan).
 9.9: Instrumental—Dajos Bela Orchestra, "Caprice Viennois" (Kreisler) (Parlophone Record E10559).
 9.13: Soprano solos—Mrs. T. G. Rogers, (a) "One Fleeting Hour" (Dorothy Lee), (b) "My Prayer" (Squire).
 9.21: Tenor solo—Mr. T. G. Rogers, "All Hail Thon Dwelling," from "Faust" (Gounod).
 9.25: Instrumental suite—Berlin State Opera House Orchestra: "Casse Noisette" (Tschalkowsky) (Parlophone Records E10516-7):
 1. Overture Miniature.
 2. Marche
 3. Danse de la Fee Dragee.
 4. Danse Russe Trepac.
 God Save the King.

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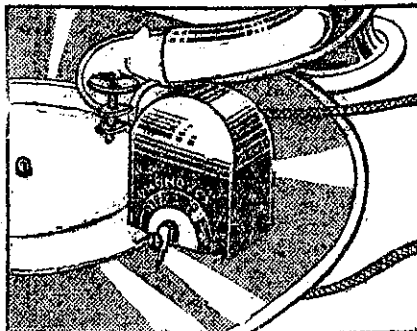
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4YA, DUNEDIN (463 METRES)—SUNDAY, FEBRUARY 3.

- 5.30 p.m.: Children's song service conducted by Big Brother Bill.
6.30: Relay of service from Knox Church (Preacher, Rev. Tulloch Yuille); organist, Mr. Roy Spackman).
7.45: Studio concert of selected gramophone items.
9.15: Close down.

Monday, February 4

1YA, AUCKLAND (333 METRES)—MONDAY, FEBRUARY 4.

SILENT DAY.

2YA, WELLINGTON (420 METRES)—MONDAY, FEBRUARY 4.

3 p.m.: Relay of National Swimming Championships, interspersed with gramophone items and sports results.

- 5.0: Close down.
6.0: Children's session, conducted by Uncle Jeff and Aunt Gwen.
7.0: News session—market reports and sports results.
7.40: Lecturette—Hare Hongi, "Maori Language and Pronunciation."
8.0: Chimes of the G.P.O. clock.
8.1: March, Orchestra, "Spirit of America" (Zamecnik).
Waltz—Orchestra, "Valse Bleue" (Margis).
8.9: Mezzo-soprano solo—Miss Myrtle Allan, L.T.C.L., "To the Angels" (Zardo).
8.13: Pianoforte solos—Miss Muriel Allan, (a) "Refrain de Berceau" (Palmgren); (b) "To the Moon" (Swinstead); (c) "Berceuse" Op. 14, No. 2 (Zolotarev); (d) "Etude" Op. 2, No. 1 (Scriabin).
8.21: Baritone solos—Mr. S. E. Rodger, a group of Irish songs, (a) "The Snowy-Breasted Pearl" (Robinson); (b) "Mother Machree" (Ball); (c) "She is Far from the Land" (Lambert).
8.33: Mr. Victor S. Lloyd will relate another of his experiences.
8.45: Tenor solo—Mr. Oscar Dyer, "The Sold" (Squire).
8.49: Suite—Orchestra, "Chopiniana," Pt. 2 (Finck).
8.59: Contralto solo—Miss Nora Greene, "Softly Awakes My Heart" (Saint-Saens).

- 9.3: Weather forecast.
9.5: Instrumental—Orchestra, repeat number.
9.13: Lecturette—Representative of the Technical Branch of Department of Education, "Vocational Guidance for Children Leaving School."
9.28: Violin solos—Erica Morini, (a) "Introduction and Tarantelle" (Sarasate); (b) "Romanza Andaluza" (Sarasate) (H.M.V. Record D1445).
9.36: Mezzo-soprano solos—Miss Myrtle Chote, L.T.C.L., (a) "Garden of Happiness" (Wood); (b) "Bird Songs at Eventide" (Coates).
9.43: Suite—Orchestra, "Dance of the Hours" (Ponchielli).
9.53: Tenor solo—Mr. Oscar Dyer, "My Paradise" (Friml).
9.57: Contralto solos—Miss Nora Greene, (a) "The Little Old Garden" (Hewitt); (b) "The Fortune Hunter" (Willeby).
10.2: Musical comedy selection—Orchestra, "Yeoman of the Guard" (Sullivan).
10.12: Close down.

3YA, CHRISTCHURCH (306 METRES)—MONDAY, FEBRUARY 4.

- 3 p.m.: Afternoon session—Selected gramophone items.
4.25: Sports results.
4.30: Close down.
6.0: Children's session, conducted by Scatterjoy.
7.15: News session.
7.30: Talk—Mr. E. J. Bell, "Book Review."
8.0: Chimes. Programme by Derry's Military Band, under the conductorship of Mr. J. Scott, and assisting artists.
8.1: Marche Slav—Band, "Entry of the Bulgars" (Lotter).
Waltz—Band, "Tesoro Mio" (Becucci).
8.12: Chorus and orchestra—Victor Arden's Orchestra, selections from "Funny Face" (H.M.V. Record EB28).
8.16: Contralto solo—Miss Agnes Richardson, "The Fairy Pipers" (Brewer).
8.20: Baritone solo—Mr. Ernest Lang, "Love Sends a Little Gift of Roses" (Openshaw).
8.24: March—Band, "War March of the Priests" (Mendelssohn).
8.33: Soprano solos—Mrs. Daisy Cherry, (a) "If You Were the Opening Rose" (Hewitt); (b) "Will o' the Wisp" (Spross).
8.39: Instrumental trio—Christchurch Broadcasting Trio, "Star of Eve" (Wagner).
8.49: Sketch—Mr. and Mrs. J. W. Bailey, "The Reason Why" (Moore).
8.53: Descriptive dance—Band, "Ghost Dance" (Salisbury).

- 9.4: Weather forecast.
9.5: Chorus and orchestra—Victor Arden's Orchestra, selections from "Good News" (De Sylva) (H.M.V. Record EB28).
9.9: Contralto solo—Miss Agnes Richardson, "When My Ships Come Sailing Home" (Dorel).
9.13: Grand organ solo—Arthur Meale, "Blue Danube Waltz" (Strauss) (H.M.V. Record B2695).
9.17: Baritone solos—Mr. Ernest Lang, (a) "I'll Sing to You" (Thompson); (b) "The Old Refrain" (Kreisler).
9.23: Comedian—Sir Harry Lauder, "Just Got Off the Chain" (Lauder) (H.M.V. Record D1434).
9.27: Intermezzo—Band, "In a Persian Market" (Ketelbey).
9.35: Soprano solo—Mrs. Daisy Cherry, "The Nightingale of Lincoln's Inn" (Oliver).
9.39: Instrumental trios—Christchurch Broadcasting Trio, (a) "Waltz No. 1" (Cyril Scott); (b) "Polonaise in A" (Chopin).
9.47: Sketch—Mr. and Mrs. J. W. Bailey, "Jealousy" (Millward).
9.53: Vocal waltz—Band, "Pal of My Cradle Days" (Pantadose).
Military waltz—Band, "The Four Horsemen" (Paull).
Close down.

4YA, DUNEDIN (463 METRES)—MONDAY, FEBRUARY 4.

SILENT DAY.

Tuesday, February 5

1YA, AUCKLAND (333 METRES)—TUESDAY, FEBRUARY 5.

- 3 p.m.: Afternoon session—Selected studio items.
4.0: Literary selection by the Announcer.
4.8: Studio items.
4.25: Sports results to hand.
4.30: Close down.
6.0: Children's session, conducted by Uncle George.
7.15: News and market reports—Book review.
8.0: Chimes.
8.1: Overture—Orchestra, "Potted Overture" (Engleman).
8.11: Concerted—Miss Alma McGruer and Lyric Quartet, "Wedding March Scena" ("Lohengrin"), (Wagner).
8.16: Violin solo—Erica Morini, "Introduction and Tarantelle" (Sarasate). (H.M.V. Record D1445).
8.20: Tenor solo—Mr. Arthur Ripley, "Your Tiny Hand is Frozen" ("La Boheme"), (Puccini).
8.24: Suite—Orchestra, "Monsieur Beaucaire" (Rosse).
(1) Intermezzo.
(2) Leading Theme.
(3) Gavotte.
(4) Song of the Travellers.
(5) Music of the Love Scene.
(6) March theme.
8.35: Vocal duet—Miss Alma McGruer and Mr. A. McElwain, "A Nice Little Farm" ("A Country Girl") (Monckton).
8.39: Relay of Orchestral Entr'acte from Majestic Theatre Orchestra, under the direction of Mr. J. Whiteford-Waugh.
8.45: Talk—Mr. A. B. Chappell, M.A., "Old Auckland."
9.0: Weather report.
9.2: Concerted—Miss Alma McGruer and Lyric Quartet, "The Rajah of Bhong" ("A Country Girl"), (Monckton).
9.7: Violin solo—Erica Morini, "Romanza Andaluza" (Sarasate), (H.M.V. Record D1445).
9.11: Humour—Mr. Allan McElwain, Some Humour.
9.16: Soprano solo—Miss Alma McGruer, "Rose Softly Blooming" (Spohr).
9.20: Pianoforte solos—Mr. Cyril Towsey, "Lyric Pieces," Op. 43.
(1) Butterflies.
(2) Lonely Wanderer
(3) Little Birds.
(4) Poem Erotique.
(5) To the Spring.
9.28: Tenor solo—Mr. Herbert Richards, "If I Might Come to You" (Squire).
9.32: Orchestral—Orchestra, (a) "Stanchen" (Czibulka); (b) "Rondo and Minuet" (Mozart).
9.41: Vocal duet—Messrs. E. Thomas and Alan McElwain, "The Twins" ("French Maid"), (Slaughter).
9.45: Soprano solo—Miss Alma McGruer, "The Cuckoo and the Wren" (Liz Lehmann).
9.49: Bass solo—Mr. Ernest Thomas, "Beauty's Eyes" (Tosti).
9.52: Musical comedy selection—Orchestra, "Lilac Time," Part. 1 (Schubert Clutsam).

- 10.2: Concerted—Miss Alma McGruer and Lyric Quartet, "A Slumber Song" (Parkes).
 10.6: Close down.

2YA, WELLINGTON (420 METRES)—TUESDAY, FEBRUARY 5.

- 8 p.m.: Chimes of the G.P.O. clock.
 8.1: Selected gramophone items.
 4.30 and 4.55: Sports results to hand.
 5.0: Close down.
 6.0: Children's session, conducted by Uncle Jim.
 7.0: News session, market reports and sports results.
 7.40: Lecturette—Representative of the Agricultural Department, "For the Man on the Land."
 8.0: Chimes of the G.P.O. clock.
 8.1: Overture—Orchestra, (a) "Polonaise Militaire" (Schubert); (b) "Strauss March" (Mezzacapo).
 8.9: Tenor solo—Mr. Oliver Foote, "Oft in the Stilly Night" (Moore).
 8.13: Concerto for piano and strings—Mr. M. Dixon, "Wedding Cake Waltz" (Saint-Saens).
 8.20: Humour—Mr. John Martin, "Give Me New Zealand" (Original).
 8.27: Banjo solos—Mr. Chas. Brazier, (a) "Beat As You Go." (Grimshaw); (b) "Tattoo" (Grimshaw).
 8.34: Soubrette—Miss Marjorie Buckridge, "Dancing Time" (Kern).
 8.39: Instrumental—Orchestra, (a) "Bells of St. Mary's" (Adams); (b) "Artist's Life Waltz" (Strauss).
 8.49: Popular songs—Mr. W. E. Elliott, (a) "Golden Gate" (Jolson); (b) "Sleepy Seas" (Stoneham).
 8.56: Instrumental—Orchestra repeat number.
 9.4: Weather report.
 9.6: Saxophone solo—Rudy Wiedoeft, "Serenade" (Drigo) (Columbia Record 01180).
 9.10: Tenor solos—Mr. Oliver Foote, (a) "Heva Hiva Ho" (Slaters); (b) "Time Was I Roved the Mountains" (Lohr).
 9.17: Musical comedy selection—Orchestra, "Count of Luxembourg" (Lehar).
 9.27: Humour—Mr. John Martin, "Courtin' in the Winter Time" (Original).
 9.34: Banjo solos—Mr. Chas. Brazier, (a) "Take Your Pick" (Mandell); (b) "Gold Diggers" (Morley).
 9.41: Soubrette—Miss Marjorie Buckridge, "Listen to the Band" (Stewart).
 9.46: Novelty—Orchestra, "Three O'Clock in the Morning" (Robledo).
 9.50: Popular songs—Mr. W. E. Elliott, (a) "When I Look in Your Wonderful Eyes" (Osborne); (b) "That's My Mammy" (Baer).
 9.57: Instrumental—Orchestra, Foxtrot Novelties.
 10.7: Close down.

3YA, CHRISTCHURCH (306 METRES)—TUESDAY, FEBRUARY 5.

SILENT DAY.

4YA, DUNEDIN (463 METRES)—TUESDAY, FEBRUARY 5.

- 8 p.m.: Town Hall chimes.
 8.1: Gramophone recital.
 4.25: Sports results.
 4.30: Close down.
 6.0: Town Hall chimes.
 6.1: Children's session, conducted by Big Brother Bill.
 7.15: News session.
 7.30: Lecturette—Pastor W. D. More, "Hints on Keeping Angora Rabbits."
 8.0: Town Hall chimes.
 8.1: Overture—H.M. Coldstream Guards Band, "Light Cavalry" (Suppe) (H.M.V. Record C1335).
 8.5: Baritone solos—Mr. Albert Bicknell, (a) "My Heart's Desire" (Clarke); (b) "Temple Bells" (Woodforde-Finden).
 8.12: Banjo trio—Dunedin Banjo Trio, "Get Out and Get Under the Moon" (Shay).
 8.16: Soprano solos—Miss Lettie de Clifford, "Happy Summer Song" (Kahn); (b) "My Laddie" (Thayer).
 8.23: Saxophone solo—Rudy Wiedoeft, "Melody" (Dawes) (Columbia Record 01180).
 8.27: Tenor solo—Mr. G. Crawford, "Cabbage Roses" (McGeogh).
 8.31: Banjo trio—Dunedin Banjo Trio, "I Scream, You Scream, We All Scream for Ice Cream" (King).
 8.35: Recital—Miss Nancy Ayson, "The Clock on the Stairs" (Longfellow).
 8.43: Contralto solos—Miss Gwenda Burt, (a) "The Great Awakening" (Kramer); (b) "Pot Pourri" (Oliver).
 8.49: Banjo trio—Dunedin Banjo Trio, "Girl of My Dreams" (Clapp).
 8.53: Comedian—Sir Harry Lauder, "Just Off the Chain" (Lauder) (H.M.V. Record D1434).
 Bass-baritone with male quartet—Peter Dawson, "The Old Superb" (Villiers-Stanford) (H.M.V. Record C1479).
 9.4: Weather report.
 9.3: Baritone solo—Mr. Albert Bicknell, "Roadside Fire" (Vaughan-Williams).
 9.7: Descriptive band selection—Band of H.M. Grenadier Guards, "In a Clock Store" (Orth) (Columbia Record 9029).
 9.11: Soprano solo—Miss Lettie de Clifford, "Rose of My Heart" (Lohr).
 9.15: Banjo trio—Dunedin Banjo Trio, "I'm Drifting Back to Dreamland" (Sadler).
 9.19: Recitals—Miss Nancy Ayson, (a) "Twenty Gallons of Sleep" (b) "The Origin of Scandal."
 9.29: Dunedin Banjo Trio, "Our Bungalow of Dreams" (Verges).
 9.33: Tenor solos—Mr. G. Crawford, (a) "At the Mid Hour of Night" (Cowan); (b) "The Secret of the Tide" (McGeogh).

- 9.39: Military Tattoo—H.M. Grenadier Guards Band, "Wembley Military Tattoo" (Columbia Records 9073-4).
 9.54: Banjo trio—Dunedin Banjo Trio, "Constantinople" (Carlton).
 9.58: Contralto solo—Miss Gwenda Burt, "Far Across the Desert Sands" (Woodforde-Finden).
 10.1: March—H.M. Coldstream Guards Band, "Strauss March" (Mezzacapo) (Columbia Record 4359).
 10.4: Close down.

Wednesday, February 6

1YA, AUCKLAND (333 METRES)—WEDNESDAY, FEBRUARY 6.

- 3 p.m.: Afternoon session—Selected studio items.
 4.0: Literary selection by the announcer.
 4.8: Studio items.
 4.25: Sports results to hand.
 4.30: Close down.
 6.0: Children's session conducted by Uncle Tom.
 7.15: News and market reports.
 8.0: Chimes.
 8.1: Overture—H.M. Coldstream Guards Band, "Poet and Peasant" (Suppe) (H.M.V. Record C1815).
 8.9: Vocal duet—Hazel-Sutherland Duo, "Come, Sing to Me" (Thompson).
 8.13: Concertina band—Auckland Concertina Band, (a) "Anglo-Belgian March" (Kershaw), (b) "Donan-Wellan Waltz" (Dallas).
 8.21: Baritone solo—Mr. Frank Sutherland, "The Dreams of London" (Coates).
 8.25: Organ and vocal—Mr. Arthur E. Wilson and Miss Doreen Logan, (a) "A Song of Joy" (Frysinger), (b) "Offertoire" (Grey), (c) soprano solo, "O Divine Redeemer" (Gounod), (d) "Minuetto" from "Organ Concerto" (Handel).
 8.46: Recital—Mr. Alan McSkimming, "Cardinal Wolsey and His Secretary" (Shakespeare).
 8.50: Waltz—Nat Shilkret's Orchestra, "Till We Meet Again" (Egan) (H.M.V. Record EA412).
 8.54: Contralto solo—Miss Phyllis Hazell, "Wondering Why" (Clarke).
 8.58: Weather forecast.
 9.0: Dance orchestra—Bert Firman's Dance Orchestra, "My Lady Dainty" (Barn Dance) (Hesse) (Zonophone Record 5118).
 9.4: Baritone solo—Mr. Frank Sutherland, "Joggin' Along the Highway" (Samuel).
 9.8: Concertina Band—Auckland Concertina Band, (a) "Majesty Grand March" (Laurendeau), (b) "Largo" (Handel).
 9.16: Recitals—Mr. Alan McSkimming, (a) "The Game of Life" (monologue), (b) "The Man with a Single Hair."
 9.21: Organ and vocal—Mr. Arthur E. Wilson and Miss Doreen Logan, (a) "Coronach" (Barratt), (b) "Cantique d'Amour" (Sheppard), (c) soprano solo, "Give Thanks and Sing" (Harris), (d) "Festal March" (Calkin).
 9.42: Contralto solo—Miss Phyllis Hazell, "What a Wonderful World It Would Be" (Lohr).
 9.46: Foxtrot—Paul Whiteman's Orchestra, "Dixie Dawn" (Trent and Le Rose) (H.M.V. Record EA386).
 9.50: Vocal duet—Hazel-Sutherland Duo, "Won't You Buy?" ("The Girl Behind the Counter") (Barrett).
 10.0: God Save the King.

2YA, WELLINGTON (420 METRES)—WEDNESDAY, FEBRUARY 6.

SILENT DAY.

3YA, CHRISTCHURCH (306 METRES)—WEDNESDAY, FEBRUARY 6.

- 3 p.m.: Afternoon session—Selected studio items.
 4.25: Sports results.
 4.30: Close down.
 6.0: Children's session conducted by Big Brother.
 7.15: News session.
 7.30: Addition stock market reports.
 8.0: Chimes.
 8.1: Rebroadcast of 2YA Wellington.
 8.6: Soprano solo—Miss Mabel Eaglesome, "When the Heart is Young" (Buck).
 8.10: Pianoforte solo—Miss Lucy Fullwood, "Valse in A Major" (Leviski).
 8.14: Tenor solo—Mr. A. R. Thompson, "I Arise from Dreams of Thee" (Salamon).
 8.18: Violin solo—Miss Irene Morris, "Boat Song" (Ware).
 8.22: Mezzo-contralto solo—Madame Eva Litchfield, "Three Fishers" (Hulahl).
 8.26: Suite—Paul Whiteman's Concert Orchestra, "Suite of Serenades" (Herbert) (H.M.V. Record EB26): (1) Spanish, (2) Chinese, (c) Cuban, (4) Oriental.
 8.34: Instrumental quintet—Bohemian Quintet, "Three Dances" from "Henry VIII." (German).
 8.49: Drolleries—Mr. Alan Brown, "A Touch of Liver" (Putnam).
 8.55: Baritone solos—Mr. Graham Young, (a) "Onaway, Awake, Beloved" (Cowan), (b) "The Yeoman's Wedding Song" (Poniatowski).
 9.1: Weather report.
 9.2: Orchestral—San Francisco Symphony Orchestra, (a) "Serenade" (Moszkowski), (b) "Aubade" (Auber) (H.M.V. Record ED6).

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BOX 830

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WELLINGTON.

- 9.6: Soprano solos—Miss Mabel Eaglesome, (a) "A Song of India" (Rimsky-Korsakov), (b) "Just a Ray of Sunlight" (Squire).
 9.12: Pianoforte solo—Miss Lucy Fullwood, "Carnival" (Tschalkowsky).
 9.17: Tenor solo—Mr. A. R. Thompson, "My Queen" (Blumenthal).
 9.21: Violin solo—Miss Irene Morris, "Minuet" (Mozart).
 9.25: Mezzo-contralto solos—Madame Eva Litchfield, (a) "The Gleaners' Slumber Song" (Walther), (b) "The Sweetest Flower that Blows" (Hawley).
 9.31: Instrumental quintets—Bohemian Quintet, (a) "Water Lily" (Delibes), (b) "Dance Circassiane" (Delibes).
 9.39: Novelty duet—Dalhart and Robison, "The Little Green Valley" (Robison) (H.M.V. Record EA382).
 9.43: Human touches—Mr. Alan Brown, "Dressing, Morning and Luncheon" (Harry Graham).
 9.48: Baritone solo—Mr. J. Graham Young, "Here's to Love and Laughter" ("Sunshine Girl") (Rubens).
 9.52: Chorus with orchestra—Light Opera Company, Gems from "Princess Flaria" (Smith-Romberg) (H.M.V. Record EB22).
 Close down.

4YA, DUNEDIN (463 METRES)—WEDNESDAY, FEBRUARY 6.

- 7 p.m.: Town Hall chimes.
 7.1: Request gramophone concert.
 7.40: News session.
 8.0: Town Hall chimes.
 8.1: Orchestral—International Concert Orchestra, (a) "La Spagnola" (The Spanish Dancer) (Di Chiara), (b) "Tesoro Mio" (My Treasure) (Becucci) (Zonophone Record EF15).
 8.9: Vocal quartet—Serenaders, "Farewell to the Forest" (Mendelssohn).
 8.12: 'Cello solo—Mr. P. J. Palmer, "Canzonetta" (Squire).
 8.17: Recitals: Miss Rona Scott, (a) "The Presentation of the Trumpet," (b) "Jack and Jill."
 8.26: Baritone solo—Mr. R. B. Macdonald, "The Windmill" (Nelson).
 8.30: Instrumental trio—4YA Broadcasting Trio, (a) "Melodies Mignonnes" (Sinding), (b) "Dance Sune" (Neilson).
 8.39: Soprano solos—Miss Mae Matheson, (a) "Trees" (Rasbach), (b) "A Legend" (Tschalkowsky).
 8.45: Pianoforte solo—Miss Aileen Young, "First Movement, Op. 27, No. 2" (Beethoven).
 8.49: Tenor solo—Mr. W. Harrison, "Echo" (Somerset).
 8.53: Orchestral—New Light Symphony Orchestra, "La Poupee Valsante" (Dancing Doll) (Poldini) (H.M.V. Record B2629).
 8.57: Contralto solo—Miss Dorothy Allan, "O Hope Within My Bosom" (Handel).
 9.1: Weather forecast.
 9.3: Orchestral—Victor Salon Orchestra, (a) "Indian Love Call" (from "Rose Marie") (Friml), (b) "The World is Waiting for the Sunrise" (Lockhart-Seitz) (H.M.V. Record EA186).
 Chorus—Light Opera Company, "Gems from 'Sunny'" (Kern) (H.M.V. Record C1293).
 9.15: Baritone solo—Mr. R. B. Macdonald, "My Son" (Del Riego).
 9.19: Violin solos—Miss Eva Judd, (a) "To a Wild Rose" (MacDowell), (b) "Liebeslied" (Kreisler).
 9.26: Soprano solo—Miss Mae Matheson, "Now Sleeps the Crimson Petal" (Quilter).
 9.30: Recital—Miss Rona Scott, selected.
 9.35: Orchestral—Victor Symphony Orchestra, "Amaryllis" (Air Louis XIII.) (Thys) (H.M.V. Record EA240).
 9.38: Contralto solo—Miss Dorothy Allen, "An Erisky Love Lilt" (Kennedy-Fraser).
 9.41: Chorus—The Revellers, "Gems from 'Tip Toes'" (Gershwin) (H.M.V. Record C1293).
 9.45: 'Cello solo—Mr. P. J. Palmer, "The Broken Melody" (Van Biene).
 9.50: Tenor solos—Mr. W. Harrison, (a) "A Resolve" (Fontenailles); (b) "Because I Love You, Dear" (Hawley).
 9.54: Vocal quartet—Serenaders, "Golden Slumbers" (Old English).
 10.0: Close down.

Thursday, February 7

1YA, AUCKLAND (333 METRES)—THURSDAY, FEBRUARY 7.

- 8.0 p.m.: Afternoon session—Selected studio items.
 4.0: Literary selection by the Announcer.
 4.3: Studio items.
 4.25: Sports results to hand.
 4.30: Close down.
 6.0: Children's session conducted by Peter Pan.
 7.15: News and market reports.
 8.0: Chimes.
 8.1: Band selections—H.M. Coldstream Guards, (a) "Hiawatha" (Moret), (b) "Liberty Bell" (Souza) (H.M.V. Record B2501).
 8.9: Vocal quartet—St. Andrew's Quartet, "Strange Adventure" (Sullivan).
 8.13: Pianoforte solo—Mr. Eric Maxwell, "Valse Chromatique" (Godard).
 8.17: Tenor solo—Mr. Stanley Raymond, "O Flower Divine" (Wood).
 8.21: Waltz—International Concert Orchestra, "Blue Danube" (Strauss) (Zonophone Record EF21).
 8.25: Vocal trio—St. Andrew's Trio, "The Man Who Would Woo A Fair Maid" (Sullivan).

- 8.29: Instrumental trio—Auckland Trio, "1st Movement—Trio in G" (Reincke).
 8.38: Contralto solo—Miss Phyllis Gribbin, "O Love From Thy Power" (Saint-Saens).
 8.42: Talk—the Announcer—"Great Authors—Robert Louis Stevenson."
 8.57: Vocal trios—Snappy Three, (a) "Just Like a Melody" (Donaldson), (b) "Baby Mine" (Rupp).
 9.3: Weather forecast.
 9.5: Orchestral—Royal Opera Orchestra, "Sylvia Ballet—Pizzicato and Procession of Bacchus" (Delibes), (H.M.V. Record C1418).
 9.13: Bass solo—Mr. Arthur Colledge, "Father O'Flynn" (Villiers Stanford).
 9.17: Violin solo—Miss Ina Bosworth, "Rondo" (Schubert-Freidberg).
 9.21: Soprano solo—Miss Adelaide Taylor, "The Dancing Lesson" (Oliver).
 9.25: Foxtrot—Louisiana Sugar Babies, "Persian Rag" (Kahn) (H.M.V. Record EA397).
 9.29: Instrumental trio—Auckland Trio, "The Potted Blacksmith" (Moressey).
 9.37: Vocal duet—Messrs. Raymond and Colledge, "Go Baffled Coward" (Handel).
 9.41: Pianoforte solo—Mr. Eric Maxwell, "Three Miniatures" (Schaeffer).
 9.49: Vocal and piano novelty—The Snappy Three, (a) "A Bungalow and You" (MS), (b) Jazz Piano Solo, (c) "Side by Side" (Woods).
 9.55: Vocal quartet—St. Andrew's Quartet, "Pussy's in the Well" (Rutenber).
 9.59: Waltz—Hilo Hawaiian Orchestra, "Kawaihau Waltz" (Kealakai) (H.M.V. Record EA397).
 10.2: Close down.

2YA, WELLINGTON (420 METRES)—THURSDAY, FEBRUARY 7.

- 3.0 p.m.: Chimes of the G.P.O. Clock.
 3.1: Special programme of Mastertouch Player Rolls and His Master's Voice gramophone records, arranged by Messrs. Hamilton Nimmo and Sons, Ltd. All piano selections and accompaniments will be played on a Standard Model "Gulbransen" Registering Piano by Mr. A. J. Nimmo.
 4.30 and 4.55: Results of Kellerman Cup Harbour Race.
 5.0: Close down.
 6.0: Children's session conducted by Aunt Gwen.
 7.0: News session—market reports and sports results.
 7.40: Lecturette—Colonel Robert Sandell, "Uncommon Commonplaces—The Homeland."
 8.0: Chimes of the G.P.O. Clock.
 Studio concert by the Wellington City Silver Band, and assisting artists.
 8.1: March—Band, "Freedom and Honour" (Round).
 Selection—Band, "Musical Fragments" (Round).
 8.16: Vocal quartet—Mellow Fellows, "Constantinople" (Carlton).
 8.20: Child impersonation—Mrs. W. J. Bailey, "Bref."
 Dramatic sketch—Mr. and Mrs. William J. Bailey, "The Brass Door Knob" (Boulton).
 8.35: Waltz—Band, "Grenadier" (Rimmer).
 Selection—Band, "Adoration" (Linter).
 8.49: Sketch—The Scotch Fellow, "Lassie O' Mine" (Walt).
 8.53: Mezzo-soprano solo—Miss Christian Young, "Hine E Hine" (Te Rangipai).
 8.57: March—Band, "Glorinda" (Perritt).
 9.1: Weather forecast.
 9.2: Light vocal—The Ballad Singer, "Pal Of My Cradle Days" (Plantodosi).
 9.6: Honest Toil—The Bass Fellow, "Stonecracker John" (Coates).
 9.10: Euphonium solo—"The Village Blacksmith" (Round).
 Reverie—Band, "Bells of Sunset" (McKenzie).
 9.21: On the Serious Side, The Sentimental Fellow, "To a Miniature" (Brahe).
 9.25: One-act play—Mrs. and Mr. W. J. Bailey, "A Marriage Has Been Arranged" (Sutro).
 9.37: Selection—Band, "American Tour" (Round).
 9.47: A Cautionary Tale—The Fellow Who Knows, "Listen to My Tale of Woe" (Smith).
 9.51: Good-night song—The Mellow Fellows, "My Mother's Lullaby" (Sharp).
 9.55: March—Band, "Westbury" (Lithgow).
 10.0: Results of Norden Cup from Riddiford Baths, Lower Hutt.
 10.1: Close down.

3YA, CHRISTCHURCH (306 METRES)—THURSDAY, FEBRUARY 7.

- 3.0 p.m.: Afternoon session—Selected studio items.
 4.25: Sports results.
 4.30: Close down.
 6.0: Children's session conducted by Uncle Hal.
 7.15: News session.
 7.30: Talk—under the auspices of the Canterbury Progress League.
 8.0: Chimes.
 8.1: Overture—Victor Symphony Orchestra, "Dance of the Hours" ("La Gioconda") (Ponchielli) (Zonophone Record EF12).
 8.9: Song cycle—"The Golden Threshold" (Liza Lehmann), presented by the Madame Gower-Burns Grand Opera Quartet, assisted by the Christchurch Broadcasting Trio:
 Quartet—"Harvest Hymn."
 Bass solo—"Song of a Dream."
 Soprano and contralto duet, "Henna."
 Tenor and baritone duet—"Palanquin Bearers."
 Contralto recitative—"The Serpents Are Asleep."
 Soprano solo—"The Snake Charmer."

Solo (bass) and chorus—"The Royal Tombs of Goleonda."
 Tenor solo—"You Flaunt Your Beauty in the Rose."
 Contralto and tenor duet—"Like a Serpent to the Calling Voice of Flutes."
 Quartet—"Nightfall in the City of Hyderabad."
 Soprano solo—"Cradle Song."
 Solo (bass) and quartet—"To a Buddha Seated on a Lotus."
 Quartet—"Indian Dancers."
 Trio—"New Leaves Grow on the Banyan Twigs."
 Contralto solo—"Alabaster."
 Tenor solo and quartet—"At the Threshold."

9.0: Weather report.

9.2: Orchestral—Philadelphia Symphony Orchestra, "Scheherazade" (Rimsky-Korsakov)—"The Sea and the Vessel of Sinbad." (H.M.V. Record D1436).

9.10: Tenor solo—Mr. Ernest Rogers, "My Dreams" (Tosti).

9.14: Recital—Mr. W. H. Moses, "A Bush Missionary" (MS).

9.19: Cello solos—Mr. Harold Beck, (a) "Chanson Hindouque" (Rimsky-Korsakov); (b) "Dance of the Gnomes" (Popper).

9.28: Soprano solo—Madame Gower-Burns, "Sing, Sweet Bird" (Ganz).

9.38: Orchestral—Philadelphia Symphony Orchestra, "Scheherazade" (The Tale of Prince Kalender) (Rimsky-Korsakov) (H.M.V. Records D1437-8).

9.44: Contralto solo—Mrs. Anne Harper, "Habanera" ("Carmen") (Bizet).

9.48: Recital—Mr. W. H. Moses, "A Rustic Damsel" (Anon).

9.52: Bass solo—Mr. Jas. Filler, "Song of the Lighthouse Bell" (Petrie).

9.56: Orchestral—Philadelphia Symphony Orchestra, "Scheherazade" (1. The Festival at Bagdad; 2. The Vessel is Wrecked), (Rimsky-Korsakov) (H.M.V. Records D1439-40).

10.8: Close down.

4YA, DUNEDIN (463 METRES)—THURSDAY, FEBRUARY 7.

SILENT DAY.

Friday, February 8

1YA, AUCKLAND (333 METRES)—FRIDAY, FEBRUARY 8.

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

4.0: Literary selection by the Announcer.

4.8: Studio items.

4.25: Sports results to hand.

4.30: Close down.

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

7.15: News and market reports.

8.0: Chimes.

8.1: Overture—Orchestra, "Oberon" (Weber).

8.11: Vocal quartet—Madame Mary Towsey's Quartet, "Quick! We Have But a Second" (C. Villiers Stanford).

8.15: Baritone with male quartet—Jno. Goss and Cathedral Male Voice Quartet, "Shenandoah" (arrgd. Terry) (H.M.V. Record B2646).

8.20: Contralto solo—Miss Edna Peace, "When Childer Plays" (Davies).

8.24: Recital—Mr. J. F. Montague, "Death of a Little Child."

8.32: Grand organ solos—Reg. Goss-Custard, (a) "Question"; (b) "Answer" (Wolstenholme) (H.M.V. Record B415).

8.40: Baritone solo—Mr. John Bree, "Morning" (Speaks).

8.44: Ballet suite—Orchestra, "Cullirhoe Ballet Suite" (Chaminade).

8.54: Vocal duet—Madame Mary Towsey and Miss Edna Peace, "O Wert Thou in the Cauld Blast" (Mendelssohn).

8.58: Weather forecast.

9.0: Suite—Paul Whiteman's Orchestra, "Suite of Serenades" (Herbert) (H.M.V. Record BA26): (1) Spanish, (2) Chinese, (3) Cuban, (4) Oriental.

9.8: Tenor solo—Mr. John McDougall, "To Mary" (White).

9.2: Soprano solo—Madame Mary Towsey, "For a Dream's Sake" (Cowen).

9.3: Violin solo with orchestral accompaniment—Miss Ina Basworth, "Aria on G. String" (Bach).

Orchestral—Orchestra, "Dance of the Elves" (Moszkowski).

9.25: Baritone solo—Mr. John Bree, "Less than the Dust" (Woodforde-Finden).

9.29: Pianoforte solo—Alfred Cortot, "Rigoletto—Paraphrase de Concert" (Verdi-Liszt) (H.M.V. Record DB1105).

9.37: Recitals—Mr. J. F. Montague, (a) "Three Kisses"; (b) "Henry V. at Agincourt" (Shakespeare).

9.46: Vocal duet—Madame Mary Towsey and Mr. John Bree, "When the Lilac Bloom Uncloses" (Schubert).

9.50: Musical comedy selection—Orchestra, "Belle of New York" (Kerker).

10.0: Vocal quartet—Madame Mary Towsey's Quartet, "The Last Rose of Summer" (Old Irish).

10.4: Close down.

2YA, WELLINGTON (420 METRES)—FRIDAY, FEBRUARY 8.

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

3.1: Selected gramophone items.

4.30 and 4.55: Sports results to hand.

5.0: Close down.

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

7.0: News session, market reports and sports results.

7.30: Lecture—Mr. D. McKenzie, "The Laws of Cricket."

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

8.1: Overture—Orchestra, "Rosamunde" (Schubert).

8.11: Vocal quartet—Etude Quartet, "Arcadians are We" (The Arcadians) (Talbot).

8.15: Baritone and chorus—Mr. Ray Kemp and Etude Quartet, "I Quite Forgot Arcadia" (Monckton).

8.19: Soprano solo—Miss Greta Stark, "The Pipes of Pan" (Monckton).

8.23: Violin solos—Edith Lorand, (a) "Liebesfreud" (Love's Sorrow); (b) "Liebeslied" (Love's Joy) (Kreisler) (Parlophone Record B10537).

8.31: Vocal quartet—Etude Quartet, "The Joy of Life" (Talbot).

8.35: Humour—Mr. Barton Ginger, "Grindle on 'Cupid and Cooking'" (Thomas).

8.42: Tenor and chorus—Mr. Frank Skinner and Etude Quartet, "Back Your Fancy" (Monckton).

8.46: Contralto and chorus—Miss Rita Arnold and Etude Quartet, "Bring Me a Rose" (Monckton).

8.49: Instrumental—Orchestra, repeat number.

8.58: Weather report.

9.0: Operatic selection—Orchestra, "Martha" (Flotow).

9.10: Vocal quartet—Etude Quartet, "Shower Chorus" (Talbot).

9.14: Tenor solo—Mr. F. Skinner, "The Only Girl Alive" (Talbot).

9.18: Duet—Miss Rita Arnold and Mr. Ray Kemp, "Half Past Two" (Talbot).

9.22: Instrumental—Orchestra, "Schumann's Songs" (Friml-Schumann).

9.33: Humour—Mr. Barton Ginger, "Grindle on 'Daughters'" (Thomas).

9.40: Vocal duet—Miss Greta Stark and Mr. Frank Skinner, "Charming Weather" (Monckton).

9.44: Novelty pianoforte solo—Miss Raie da Costa, "Polly" (Zamecnik) (Parlophone Record A2488).

9.48: Soprano and chorus—Miss Greta Stark and Etude Quartet, "Arcady is Ever Young" (Monckton).

9.52: Duet and chorus—Mr. Ray Kemp, Miss Rita Arnold and Etude Quartet, "Oh, Do the Two Step" (Talbot).

9.56: Musical comedy selection—Orchestra, "Lady Be Good" (Gershwin).

10.6: Close down.

3YA, CHRISTCHURCH (306 METRES)—FRIDAY, FEBRUARY 8.

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

4.25: Sports results.

4.30: Close down.

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

7.15: News session.

8.0: Chimes.

8.1: Rebroadcast of 2YA, Wellington.

8.6: Vocal trio—Radiolian Trio, "Harvest Home ("Faust") (Gounod).

Tenor solo—Mr. Gregory Russell, "Joe, the Gypsy" (Batten).

8.14: Instrumental trio—Christchurch Broadcasting Trio, "1st Movement from First Trio" (Mendelssohn).

8.26: Contralto solo—Miss M. Russell, "Silvered is the Raven Hair" ("Patience") (Sullivan).

8.30: Orchestral—Bailey Marston Dance Orchestra, "Blue Danube" (Strauss).

8.35: Tenor and bass duet—Radiolian Duo, "Dirty Work" ("Maid of the Mountains") (Monckton).

8.39: Humour—Norman Long, "Good Little Boy and Bad Little Boy" (Weston and Lee) (H.M.V. Record B2454).

8.42: Instrumental trios—Christchurch Broadcasting Trio, (a) "Why?" (Schumann); (b) "Hungarian Dance in D Minor" (Brahms).

8.50: Baritone solos and chorus—Mr. W. J. Richards and Radiolians, (a) "A Chip of the Old Block" (Squires); (b) "Friends have to Part" (Monckton); (c) "Live for To-day" ("Maid of the Mountains") (Monckton).

8.56: Concerted with orchestra—Light Opera Company, "Gems from Lilac Time" (Schubert-Clutsam) (H.M.V. Record C1450).

9.0: Weather report.

9.2: Dance music—Bailey-Marston Dance Orchestra, (a) "In Old Vienna" (Nicholls); (b) "Varsity Drag" (De Sylva).

9.19: Bass solos—Mr. W. J. Richards, (a) "The Fishermen of England" (from "The Rebel Maid" (Phillips); (b) "Fairings" (Martin).

9.16: Dance music—Bailey-Marston Dance Orchestra, (a) "Good News" (De Sylva); (b) "Souvenir" (Nicholls).

9.24: Contralto solo—Miss M. Russell, "Oh, The High Valley" (Quilter).

9.28: Dance music—Bailey-Marston Dance Orchestra, (a) "Just Whisper" (Schumaker); (b) "Wingin' Home" (Russell).

9.36: Tenor solo—Mr. Gregory Russell, "Glorious Devon" (German).

9.40: Dance music—Bailey-Marston Dance Orchestra, (a) "Was it a Dream?" (Coslow); (b) "Will We Meet Again?" (Lewis).

9.48: Trio (a round)—Radiolians, "Come, Follow Me" (Old English).

9.52: Dance music—Bailey-Marston Dance Orchestra, (a) "Rain" (Ford); (b) "Is it Gonna be Long?" (Cowen).

Dance music till 11 p.m.

11.0: Close down.

4YA, DUNEDIN (463 METRES)—FRIDAY, FEBRUARY 8.

3 p.m.: Town Hall chimes.

3.1: Gramophone concert.

3.15: Talk on "Fashions" by Miss Buecleuch of the D.S.A., Ltd.

3.30: Relay of afternoon tea music from the Savoy.

4.10: Gramophone items from the studio.

4.30: Close down.

6.0: Town Hall chimes.

6.1: Children's session, conducted by Aunt Sheila and Big Brother Bill.

- 7.15: News session.
 8.0: Town Hall chimes.
 8.1: Overture—Royal Albert Hall Orchestra, "Pomp and Circumstance" (Elgar) (H.M.V. Record D1102).
 Orchestral—San Francisco Symphony Orchestra, "Coppelia Ballet" (Delibes) (H.M.V. Record D1272).
 8.9: Tenor solo—Mr. L. E. Dalley, "O Vision Entrancing" (from "Esmeralda") (Goring-Thomas).
 8.18: Recital—Miss Tui Northey, "Queen Katherine's Defence" ("Henry V.") (Shakespeare).
 8.18: Pianoforte solo—Mrs. Ernest Drake, selected.
 8.23: Soprano solos—Miss Florence Sumner, (a) "Early One Morning" (Old English); (b) "Mignonette, Here is April" (Del Riego).
 8.30: Tenor solos—Mr. L. E. Dalley, (a) "Orpheus with his Lute" (Vaughan-Williams); (b) "I Wept, Beloved" (Hue).
 8.37: Pianoforte concerto—Alfred Cortot and London Symphony Orchestra, "Concerto in A Minor," Op. 54, 2nd and 3rd Movements (Intermezzo, Andantino Grazioso, Allegro Vivace) (Schumann) (H.M.V. Records DB1061/2).
 8.53: Recitals—Miss Tui Northey, "He Fell Among Thieves" (Newbolt).
 8.59: Duet with orchestra—John Hislop and Apollo Granforte, "O Mimi, Tu Picci Non Torni" (Ah, Mimi, you will never come back to me) ("La Bohème") (Puccini) (H.M.V. Record DB939).
 9.3: Weather forecast.
 9.5: Military band selection—H.M. Coldstream Guards, "Selections from 'H.M.S. Pinafore'" (Sullivan) (H.M.V. Record C1283).
 9.13: Soprano solo—Miss Florence Sumner, "The Promise of Life" (Cowen).
 9.17: Chorus with orchestra—Light Opera Company, "Gems from 'Princess Flaria'" (Smith-Romberg) (H.M.V. Record EB22).
 9.21: Relay of dance music from the Savoy.
 10.0: Close down.

Saturday, February 9

1YA, AUCKLAND (333 METRES)—SATURDAY, FEBRUARY 9.

- 8 p.m.: Afternoon session—Selected studio items.
 4.0: Literary selection by the Announcer.
 4.8: Studio items.
 4.25: Sports results to hand.
 4.30: Close down.
 6.0: Children's session, conducted by Cinderella.
 7.15: News and market reports.
 8.0: Chimes.
 8.1: Orchestral—Royal Opera Orchestra, "Carmen Ballet" No. 1 (Bizet), (H.M.V. Record C1424).
 Foxtrot—Nat Shilkret's Orchestra, "Get Out and Get Under the Moon" (Tobias), (H.M.V. Record EA368).
 Vocal duets—Bohemian Duo, (a) "My Hawaiian Girl" (Sheridan); (b) "Waikiki Beach" (Fera).
 Humour—Mr. T. T. Garland, "Court Melody" (Newman).
 8.22: Instrumental Trio, Auckland Trio, "Miniatures" (Bridge).
 8.30: Baritone solo—Lawrence Tibbett, "Drink to Me Only" (Calcott), (H.M.V. Record DA886).
 8.34: Vocal humour—The Asquiths, Thirty Minutes' Drawing-Room Entertainment.
 9.4: Weather report.
 9.6: Cello solo—Miss Mollie Wright, "Nocturne" (Popper).
 Bass-baritone solo—Peter Dawson, "Now Your Days of Philandering Are Over" ("The Marriage of Figaro"), (Mozart), (H.M.V. Record C1401).
 Humour—Mr. T. T. Garland, "Enjoying the Play" (an adaptation).
 Vocal duo—Bohemian Duo, "Na Lei, O, Hawaii" (Low).
 Wurlitzer Organ solo—Jesse Crawford, "The Dance of the Blue Danube" (Fisher), (H.M.V. Record EA404).
 Vocal duo—Bohemian Duo, "Ukulele Dream Girl" (Trdtl).
 9.34: Instrumental trios—Auckland Trio, (a) Selected; (b) "Marche Militaire" (Schubert).
 9.40: Programme of dance music.
 10.0: Close down.

2YA, WELLINGTON (420 METRES)—SATURDAY, FEBRUARY 9.

- 8 p.m.: Relay of National Swimming Championships from Te Aro Baths, interspersed with gramophone items and sports results.
 5.0: Close down.
 6.0: Children's session conducted by Uncle Toby and Aunt Gwen.
 7.0: News session, market reports and sports results.
 8.0: Chimes of the G.P.O. clock.
 8.1: Overture—Orchestra, "Sounds from the Sunny South" (Iseman).
 8.9: Vocal quartet—Melodie Four, "Old Mother Hubbard" (Wheeler).
 8.13: Novelty piano solos—Mr. James McKenzie, selected.
 8.18: Tenor solo—Mr. Frank Bryant, "Duna" (McGill).
 8.22: Vocal Hawaiian selection—Queenie and David Kaili, "Ukulele Lullaby" (Williams) (Parlophone Record A2364).
 8.26: Humour—Mr. Will McKeon, "The Fatal Sneeze" (Anon).
 8.32: Novelties—Orchestra, (a) "Weeping Willow Lane" (Johnson), (b) "Dolly Dimples" (Xylophone soloist, Mr. Les. Probert) (Green).
 8.40: Vocal quartet—Melodie Four, "The Sweetheart of Sigma Chi" (Verno).
 8.44: Instrumental trio—Kaili, Scott, and O'Neill, "Me and My Shadow" (Rose) (Parlophone Record A2405).
 8.47: Bass solo—Mr. W. W. Marshall, "The Last Call" (Sanderson).

- 8.51: Instrumental—Orchestra, repeat number.
 8.59: Weather report.
 9.1: Musical comedy selection—Orchestra, "Tlp Toes" (Gershwin).
 9.9: Tenor solo—Mr. Sam Duncan, "Daphne" (Coningsby Clarke).
 9.13: Instrumental—Orchestra, "In a Bird Store" (Lake).
 9.18: Vocal quartet—Melodie Four, "Song of Hawaii" (arr. Melodie Four).
 9.22: Novelty piano solos—Mr. Jas. McKenzie, selected.
 9.27: Humour—Mr. Will McKeon, "After the Accident" (Anon).
 9.33: Soprano solo—Gladys Moncrieff, "The Vagabond King—Huguette" (Friml) (Columbia Record O1302).
 9.37: Baritone solo—Mr. R. S. Allwright, "Father O'Flynn" (Villiers Stanford).
 9.41: Instrumental—Orchestra, Dance Novelties.
 9.51: Dance programme.
 11.0: Close down.

3YA, CHRISTCHURCH (306 METRES)—SATURDAY, FEBRUARY 9.

- 8 p.m.: Afternoon session—Selected gramophone items.
 4.25: Sports results.
 4.30: Close down.
 6.0: Children's session, conducted by Chuckle and Aunt Pat.
 7.15: News session.
 8.0: Chimes.

VAUDEVILLE.

OLD-TIME MUSIC HALL SONGS.

A Programme to Revive Old Memories.

A two hours' unique entertainment of once-popular melodies and humour will be presented by
 THE REVELLERS CONCERT PARTY.

4YA, DUNEDIN (463 METRES)—SATURDAY, FEBRUARY 9.

- 7.15: News session.
 8.0: Town Hall chimes.
 8.1: Relay of orchestral music from Octagon Theatre Orchestra under the conductorship of Monsieur Henri de Rose Mus. Bac.).
 8.11: Popular songs—Mr. Norman Scurr, (a) "There's a Little Girl Who Loves Me" (Whiting); (b) "Are You Happy?" (Ayer).
 8.17: Humorous sketch—Miss Anita Winkel and Major F. H. Lampen.
 8.27: Popular songs—Miss Minna Ahlers, (a) "Aloha Oe" (Lilokalani); (b) "On a Zealand" (Smith).
 8.34: Hawaiian orchestra—Hilo Hawaiian Orchestra, (a) "Hawaiian Nights" (Roberts), (b) "Aloma" (Bowers) (H.M.V. Record A810).
 8.40: Songs at piano—Miss Eileen Cooper, "And Yet I don't Know" (Weston).
 8.44: Relay of orchestral music from the Octagon Theatre.
 8.54: Humorous Scottish songs—Mr. Buster Brown, (a) "Doughie the Baker" (Lauder), (b) "I Think I'll Get Married in the Summer" (Lauder).
 9.0: Weather forecast.
 9.2: Male quartet—De Reszke Singers, "My Lady Ohlo" (Leighton) (H.M.V. Record E432).
 9.5: Popular song—Miss Minna Ahlers, "Just a Bird's Eye View."
 9.9: Sketch—Miss Anita Winkel and Major F. H. Lampen.
 9.19: Wurlitzer organ solo—Reginald Foort, "Schon Rosmarin" (Kreisl) (H.M.V. Record B2664).
 9.23: Songs at the piano—Miss Eileen Cooper, (a) "Old Chap" (Rosse), (b) "Hello Martha" (Smith).
 9.30: Light orchestral—De Groot and Piccadilly Orchestra, "If Only I Had You" (Davies) (H.M.V. Record B2713).
 9.33: Popular song—Mr. Norman Scurr, "I'm in Love with You" (Moret).
 9.37: Tango Argentino—International Novelty Orchestra, "El Choclo" (Viloldo) (H.M.V. Record EA2644).
 9.40: Humorous Scottish song—Mr. Buster Brown, "It's Nice When You Love a Lassie" (Lauder).
 9.44: Vocal duet with violin and guitar—Dalhart and Robison, "Oh, Suzanna" (Foster) (H.M.V. Record EA309).
 Foxtrot—Nat Shilkret and his orchestra, "Dainty Miss" (Barnes) (H.M.V. Record EA276).
 Novelty march—American Legion Band, "Iowa Corn Song" (arr. Beeston) (Zonophone Record 2909).
 10.0: Close down.

Sunday, February 10

1YA, AUCKLAND (333 METRES)—SUNDAY, FEBRUARY 10.

- 8.0 p.m.: Afternoon session—Selected studio items.
 4.0: Literary selection by the Announcer.
 4.8: Selected studio items.
 4.30: Close down.
 6.0: Children's session conducted by Uncle Leo.
 6.55: Relay of service from St. David's Church—Preacher: Rev. D. C. Herron. Organist: Mr. E. C. Craston.
 8.30: Orchestral—Royal Albert Hall Orchestra, "La Boutique Fantasque" (Rossini Respighi) (H.M.V. Record D1018).
 8.38: Contralto solo—Miss Phyllis Hazell—"Whatever Is, Is Best" (Lohr).
 8.42: Violin solo—Heifetz, "Ave Maria" (Schubert) (H.M.V. Record DB1047).
 8.46: Chorus and orchestra—Chorus and Symphony Orchestra, "Twilight of the Gods"—Hagan Summons the Vassals (Wagner) (H.M.V. Record D930).

- 8.54: Tenor solos—Mr. Lambert Harvey, (a) "Where'er You Walk" (Handel), (b) "Daughters of Jerusalem" (Jamaican).
 9.2: 'Cello solo—Pablo Casals, "Le Cygne" (Saint-Saens) (H.M.V. Record DA776).
 9.5: Contralto solos—Miss Phyllis Hazell, (a) "For Your Dear Sake" (Lennox), (b) "From the Land of the Sky Blue Water" (Cadman).
 9.13: Chorus—Chorus and Symphony Orchestra, "Pilgrim's Chorus" ("Tannhauser") (Wagner) (H.M.V. Record D1074).
 9.21: Tenor solo—Mr. Lambert Harvey, (a) Recitative, "Deeper and Deeper Still" (Handel), (b) Aria, "Wait Her, Angels" (Handel).
 9.25: Band—Band of H.M. Coldstream Guards, "East and West March" (Horne) (H.M.V. Record EA239).
 9.30: Close down.

2YA, WELLINGTON (420 METRES)—SUNDAY, FEBRUARY 10.

- 3 p.m.: Afternoon session.
 4.30: Close down.
 5.0: Children's Sunday service, conducted by Uncle George.
 Relay of service from St. Andrew's Presbyterian Church. Preacher, Rev. R. Howie, B.A. Organist and choirmaster, Mr. Frank Thomas.
 8.15 (approx.): Special "Shakespearean" programme by Mr. Allan Wilkie and members of his company.
 Overture—New Queen's Hall Orchestra, "The Merry Wives of Windsor" (Nicolai) (Columbia Record L1723).
 Vocal solos with violin obligato—Mr. Dennis Barry (violin obligato, Miss Godson), (a) "O Mistress Mine" (from "Twelfth Night") (Quilter); (b) "When That I Was a Tiny Boy" ("Twelfth Night") (Traditional).
 Instrumental—New Queen's Hall Light Orchestra, "Incidental Music to 'The Merchant of Venice'" (Rosse) (Columbia Record L1510):
 Part 1. "Prelude No. 1."
 Part 2. "Portia Intermezzo" and "Oriental March."
 Contralto solo—Miss Mollie Fenton, "The Willow Song" ("Othello") (Sullivan).
 Instrumental—Festival Orchestra, Nonconformist Choir Union Festival, Crystal Palace, "Dance" ("Othello") (Coleridge-Taylor) (Columbia Record 9118).
 Tenor solo—Mr. Roy Hill, "Sigh No More, Ladies" (Traditional).
 Piano and violin—Mr. Bradshaw Major and Miss Godson, two numbers from "Henry VIII. Dances" (German).
 Address—Mr. Allan Wilkie, "Shakespeare."
 Piano and violin—Mr. Bradshaw Major and Miss Godson, (a) "Barcarolle" ("The Merchant of Venice") (Rosse); (b) "Prelude No. 2" ("The Merchant of Venice") (Rosse).
 Contralto solos—Miss Mollie Fenton, (a) "The Lawn is White as the Driven Snow" ("The Winter's Tale") (Johnson); (b) "Oh, Take Those Lips Away" ("Measure for Measure") (Wilson).
 Band—H.M. Coldstream Guards, "Midsummer Night's Dream" (Mendelssohn) (Columbia Record 02878).
 Tenor solos—Mr. Roy Hill, (a) "It was a Lover and his Lass" (Morley); (b) "Who Is Sylvia?" (Schubert).
 Chorus with orchestra—La Scala Chorus, "La Tempesta" (The Tempest) ("Otello") (Verdi), and "Fuoco di Gioia" (Fury of the Fire) (Columbia Record 02723). (These choruses are taken from the opera "Otello" (Verdi), an operatic version of Shakespeare's play, "Othello").
 Band—H.M. Coldstream Guards, "The Doges' March" ("The Merchant of Venice") (Rosse) (H.M.V. Record C862).
 Close down.

3YA, CHRISTCHURCH (306 METRES)—SUNDAY, FEBRUARY 10.

- 3 p.m.: Afternoon session—Selected studio items.
 4.30: Close down.
 5.30: Children's song service conducted by Uncle David.
 5.5: Hymn chimes.
 6.30: Relay of service from Oxford Terrace Baptist Church (Preacher, Rev. J. Robertson, M.A.; choirmaster, Mr. Vic. Peters; organist, Mr. Melville Lawry).
 7.45 (approx.): Orchestral—Royal Albert Hall Orchestra, "Pomp and Circumstance" (in A Minor) (Elgar) (H.M.V. Record D1102).
 7.49: Contralto solo—Miss Nellie Lowe, "Woe Unto Them" (Mendelssohn).
 7.53: Violin solo—Isolde Menges, "Air on G String" (Bach) (H.M.V. Record D1288).
 7.57: Baritone solo—Mr. A. G. Thompson, "Is Not His Word Like a Fire?" ("Elijah") (Mendelssohn).
 8.1: Choir and organ—"Through the Night of Doubt and Sorrow" (Dykes) (Zonophone Record 5110).

- 8.5: Mezzo-soprano solo—Miss Mavis Spiller, "Creation's Hymn" (Beethoven).
 8.9: Pianoforte solo—Alfred Cortot, "Rigoletto"—"Paraphrase de Concert" (Verdi-Liszt) (H.M.V. Record DB1105).
 8.17: Vocal duet—Dulcet Duo, "The Enchanted Hour" (Leoni).
 8.22: Orchestral—San Francisco Symphony Orchestra, "Coppelia Ballet" (Delibes) (H.M.V. Record D1272).
 8.26: Contralto solo—Miss Nellie Lowe, "Like as the Hart" (Allitsen).
 8.30: Violin, 'cello, and piano solo—Kreisler, Kreisler and Raucheisen, "Marche Miniature Viennoise" (Kreisler) (H.M.V. Record DA961).
 8.34: Baritone solo—Mr. A. G. Thompson, "It Is Enough" (from "Elijah"—Mendelssohn).
 8.38: Suite—Royal Opera Orchestra, "Peer Gynt Suite" (Grieg) (H.M.V. Records C1298-9): 1. Morning. 2. Death of Ase. 3. Anitra's Dance. 4. In the Hall of the Mountain King.

(Peer Gynt, the only son of poor peasants, is drawn by the poet as a character of morbidly developed fancy. In his youth he has many wild adventures—for instance, he stole the bride from a peasant's wedding and carried her up to the mountain peaks. Here he leaves her to roam with wild cowherd girls. He then enters the kingdom of the mountain king, whose daughter falls in love with him and dances to him. But he laughs at the dance and droll music, at which the outraged mountain folk try to kill him. He escapes and wanders in foreign lands, amongst others, Morocco, where he appears as a prophet. After many hardships he returns as an old man, suffering shipwreck on the way, to his home as poor as he left it. Here the sweetheart of his youth, Solveig, awaits him, faithful through all the years.)

- 8.54: Mezzo-soprano solos—Miss Mavis Spiller, (a) "Through all the Ages" Coates; (b) "Our Little Home."
 8.58: Grand organ solos—Edwin H. Lemare, (a) "Aloha-Oe" (Farewell to Thee) (Liliuokalani), (b) "Chant de Bonheur" (Song of Happiness) (Lemare) (Zonophone Record EEE93).
 9.6: Tenor solo—Signor Caruso, "Agnus Dei" (H.M.V. Record DB120).
 9.10: Violin solo—Jascha Heifetz, (a) "Rondo," (b) "Ave Maria" (H.M.V. Record DB1047).
 9.14: Tenor solo with choir, John McCormack, "Adeste Fideles" (H.M.V. Record DB934).
 9.18: Choir—Russian State Choir, "Storm on the Volga" (Pastshenko) (H.M.V. Record C1498).
 9.26: Military Band—National Military Band, "Christchurch Chimes" (arr. Hare) (Zonophone Record 5119).
 9.30: Close down.

4YA, DUNEDIN (463 METRES)—SUNDAY, FEBRUARY 10.

- 5.30: Children's song service conducted by Big Brother Bill.
 6.30: Relay of service from Central Mission, Octagon Hall (Preacher, Rev. W. Walker; organist, Mr. C. A. Martin).
 7.45 (approx.): Gramophone recital.
 9.15: Close down.

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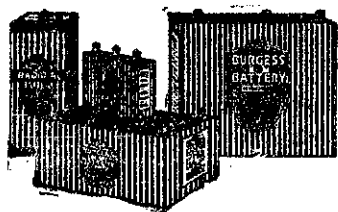
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Opinions of Eminent Personalities

Special Number of English Weekly.

THE Christmas season was marked in England by the appearance of many special issues of the radio magazines. Some of these are, in addition to being brim full of the most useful of information made up in a most artistic and pleasing manner.

"Popular Wireless" has produced a very fine magazine and the special issue, enclosed in a most handsome three-colour cover, is a fitting production of a paper so well known. Evidently great pains have been taken to produce a number that will long be remembered.

In a prominent page are the addresses of Christmas cheer of many of the leaders of English thought; these include the Governors of the British Broadcasting Corporation, Senator Marconi, Sir Oliver Lodge, and Dr. Flemming. In his greetings Senator Marconi says "Much progress has been made in all branches of wireless during the past year, and many important developments for the year upon which we are now entering are foreshadowed."

Notable Articles.

ANOTHER unusual feature is an article by that great English scientist, Sir Oliver Lodge, bearing on the topic of co-operation. His introductory thought has been quoted in another section of this paper. Sir Oliver considers that the ultimate destiny of mankind is goodwill among the nations. This can be attained not by bitter controversies—but only through mutual co-operation. Radio is opening up a great means of attaining this aim.

"Let us radio workers be thankful for the means that have now been put into our hands—far in advance of anything previously possible in the whole long history of the earth—and let each do his best and contribute his or her quota to the divinely inspired and guided international effort in which statesmen of all countries are now co-operating."

Sir John Reith, director-general of the British Broadcasting Corporation, has written a special letter and after making apologies for not having written an article as was the request of the editor, discusses broadcasting in an unusual manner. Certainly this is a letter, and something quite out of the usual for a wireless journal. It constitutes a break from the usual run of things and coming from a pen so elusive as that of the directing general of the B.B.C., provides more than interesting reading.

Captain Eckersley, the chief engineer of the B.B.C., has presented an article, "Invention and Service," in which he considers the possibilities of wireless invention, tracing as a model the line of inventions that were the forerunners of the modern petrol engine and then expresses his views on radio-vision. These are of no mean importance, so that they are reproduced elsewhere under the heading, "The Future of Television."

Solving the Shopping Problem.

BUT "Popular Wireless" has not stopped at the production of master articles from master pens and has ap-

plied itself to aiding the harassed reader to solve his shopping problem. Having considered the many radio presents possible, a series of photographs are reproduced, depicting very many of the attractive trade lines on the English market—sets, valves (screen-grids and pentodes at that), chokes, coils, speakers, condensers, in fact, every radio accessory anyone wishing to bestow a radio present could wish to consider as a suitable present.

Novel ways of entertaining friends with a radio receiver form the basis of another article in this very interesting publication.

Opinions of Outstanding Interest.

ANOTHER unusual feature (yes, the paper abounds in unusual features) is a collection of the opinions from famous men and women upon the subject of broadcasting. Included are those of the Prime Minister, Mr. Ramsay MacDonald, Mr. Lloyd George, and the Home Secretary.

Of broadcasting, Mr. Lloyd George, M.P., says: "I welcome the growth of broadcasting, because it is bringing happiness into millions of homes, and because it has great potentialities as an educative medium. I have watched its growth during the last few years—both in public popularity and in the realm of scientific achievement, and when I think of the mighty strides that it is destined to make, I feel thankful for this scientific development, which is bringing happiness and knowledge daily within closer reach of an ever-growing number of people."

Strong criticism is always attractive to a very large number of readers, and "Popular Wireless" has included within its cover such an article from the pen of the Hon. J. M. Kenworthy, R.N., M.P., "If I Were Postmaster-General," the Hon. Kenworthy takes for his subject and introduces the question of wireless by, "Particularly would I do something drastic about wireless generally. I fear the present Postmaster-General, his political assistant and his department generally, have not yet fumbled to the immense importance of wireless telegraphy and telephony generally, and broadcasting in particular."

A license is strongly urged, graduated on the basis of powers of reception and on the basis of interference with others, for it must be remembered that the character of the English sets differs greatly from that of the New Zealand receivers. Until recently the English listener has had to suffer the infliction of a very restrictive royalty, and with the multiplicity of available stations, the receivers have been made to utilise a minimum of valves and a maximum of reaction. Under the circumstances the interference nuisance is at a maximum, so, the suggested solution. The financial arrangements are strongly condemned, 2s. 6d. out of every 10s. license is too great a tax, and the profits from this should be apportioned among the broadcasters themselves, and not be passed on to swell the coffers of the Treasury.

Broadcasting, as urged by the editor, should be more free: "Free broadcasting in an age of Free Speech and a Free Press will be non-extinct if

Children's Sessions

AT 1YA.

TUESDAY, FEBRUARY 5.—Uncle George back to Radioland once again, and he will tell us about his holiday in Rotorua and about the Maori boys diving for pennies. Oh, yes, Uncle George will have plenty to tell us tonight.

WEDNESDAY.—Welcome back, Uncle Tom. He, also, will be brimming over with holiday experiences. Is it true, Uncle Tom, that you lost all the skin off your nose at the beach?

THURSDAY.—Thursday brings Peter Pan. It also brings Sunny Jim who will talk to us about Charles Dickens, and give some extracts from the works of Dickens, as it is the anniversary of his birth.

FRIDAY.—Here are Nod and Aunt Jean. They will give us the usual cheery hour, with cousins assisting.

SATURDAY.—Hello, Cinderella! What have you this evening? Cousins singing and reciting, birthday greetings, and stories, so it looks like a happy hour for the little folk.

SUNDAY.—Children's Song Service conducted by Uncle Leo, assisted by cousins from Dominion Road Methodist Sunday School.

AT 2YA.

MONDAY, FEBRUARY 4.—Uncle Jeff, to-night with story and greetings. Cousin Eva is to sing and the Mouth Organ Symphony Orchestra are coming again. Their music was very much enjoyed the last time they played in the studio.

TUESDAY.—To-night Uncle Jim will talk to radioland, read a story and give fairy messages. Then there will be some music and poems by three or four little cousins who will just be home from their holidays in time to come to the studio.

THURSDAY.—Four little cousins are coming in a big train to-night to help Aunt Gwen to entertain. Claudia is the big cousin, Clarice and Alison are the little cousins, and Hilary is the little boy cousin. There will be music and

recitations, birthday wishes, and a bedtime story.

FRIDAY.—Big Brother Jack will greet you to-night with his cheery chorus and a cock-a-doodle-doo. Cousin Margaret will sing and recite some of her lovely little songs and poems, and Cousin Gladys will also sing and recite.

SATURDAY.—Uncle Toby, Aunt Gwen and Cousin Marjorie to-night. There will also be two new little cousins, Betty and Diana, who have dear little poems to recite.

SUNDAY.—The Children's Song Service will be conducted by Uncle George, assisted by the Karori Methodist Sunday School Choir under Mr. Clarke.

AT 3YA.

MONDAY, FEBRUARY 4.—A surprise night, when Scatterjoy will wave her magic wand, and take you—where? Perhaps to the moon, perhaps to the sunny lands of Spain—so be ready for 6 o'clock to strike, and we'll all go a'travelling.

WEDNESDAY.—Big Brother, assisted by the Three Old Maids of Lee will make this bedtime hour an interesting one for old and young.

THURSDAY.—Uncle Hal back from his journeyings, with fresh stories and adventures, and songs for you. Cousin Roy is singing and reciting for us and so is Cousin Edna.

FRIDAY.—Mr. Storyman with his bag filled with snappy stories for the little ones, and the Simons Cousins with their music, and Cousin Miretta and Gwen with songs—so if you want something good to listen to—why you know what to do.

SATURDAY.—"Tune-in on 3YA" is Chuckle's new song—and it goes with a right good swing—so listen-in and we will all learn it. Aunt Pat ready with a little laugh and song, too.

SUNDAY.—Children's Song Service conducted by Uncle David, and the hymns to be sung by the children from the Sydenham Baptist Sunday School.

political parties claim the right to interfere." Likewise the urge is made that part of the Parliamentary proceedings should be broadcast.

Concluding this article, the writer says:—

"Just as the Press is spoken of as the Fourth Estate, so it is quite proper to speak of wireless to-day as the Fifth Estate; and no limits can be set to its importance, usefulness and the profound influence it will have in the future."

SIX months is a good time to allow for the normal life of a grid-bias battery.

Russian Pirate's Fate

ACCORDING to a note in the "Scientific American," a radio "pirate" in Russia is there looked upon as a dangerous criminal. A case is cited of a Leningrad boy who was sentenced to three months hard labour for owning a set without a license. The judge said that he was "lenient" because the boy was young. In spite of the maximum penalty being three years in prison, it is estimated that 15 per cent. of Leningrad's listeners are "pirates."

A Very Useful Instrument

A Home-made Testing Apparatus



ASK the average radio experimenter what he would like to possess if funds would meter for both high and low allow, and he would say something like this: "A nice set of measuring instruments, including a volt-voltage and a milliammeter." There is no doubt that a range of high-class instruments gives a set builder more assurance and helps to keep a check on his work. This article deals with the construction of an instrument that has many uses. It tests A, B and C batteries, and has a further use, in as much as it will test each valve in the set under actual operating conditions. It can be used to determine the D.C. resistance of 'phones or loudspeaker, and also to check up resistances and transformer windings. Of necessity a few simple calculations will have to be described, but because of these the writer does not advise the absolute novice to give up the idea of making one.

Anyone who owns a multi-valve receiver will find this instrument a great help in his search for quality. Almost every listener is more or less interested in his receiver, and is constantly on the look-out for hints and information relating to its improvement. Why not do as the expert does and go over everything yourself?

Radio is not so very technical as people imagine. To understand how to check any valve from its published characteristics is not really difficult. To test a battery is less difficult still, and these are the only two parts of a wireless receiver that should decrease in efficiency with use. Therefore, to keep these up to scratch is to be sure of a continuance of the results obtained when the set was first installed. Keeping a check on the valves is of importance when it is realised that one faulty one in the set makes the whole receiver no better than that valve. It can be likened to a claim that is no stronger than its weakest link. Because the valve lights is no indication that it is working efficiently. In the case of the old bright emitter, the thin metallic filament gradually decomposed, and the electron stream was made by the filament itself.

The filaments of the more recent dull emitters are coated with an element called "thorium," and it is this, when at a dull red heat, that throws off electrons similar to those of the bright filament. If this dull red heat is exceeded at any time the thorium is liable to boil away, leaving the thin

metallic filament on which the thorium was suspended. When in this condition the valve will light, but is absolutely useless in a receiver.

To weed out these parasites and substitute new valves will increase the general efficiency of the set three or four hundred per cent.

Use of Power Valves.

MUCH has been said recently on choosing a large enough power valve for the last stage. Overloading is the chief cause of unfaithful reproduction. The listener is inclined to blame his speaker. With the aid of the instrument to be described, it will be evident at a glance that the last valve is behaving itself. Adjustments to the B and C batteries can be made until the valve can carry all the load that is asked of it, and then when this is done, the speaker can be criticised.

It will surprise many when they look at the needle of the milliammeter shaking about, denoting just when distortion occurs. It is far easier to see the effects of distortion than to rely upon the ear. A person is liable to get accustomed to his particular speaker, and to automatically correct its faults. The human ear can adapt itself to suit its owner, and imagination plays a great part when listening to the reproduction of, say, a singer.

Components for Tester

- 1 Milliammeter (0-100) panel mounting.
- 1 Valve socket.
- 1 Double pole double throw switch.
- 1 100ohm. resistance (wire wound).
- 1 1000ohm resistance (wire wound).
- 2 Valve pins and sockets.
- 4 Terminals.

Ebonite, 9in. x 6in. x 3-16in.

Box as specified.

Connecting wire, flex, etc.

Assembling the Tester.

AN open-topped box has first to be made to house the milliammeter and resistances. This also affords protection for the various leads to the milliammeter. It can be made from any kind of timber of 3-8in. thickness and measures inside, 9in. x 6in. x 3in. deep.

Two small strips can be fastened inside so that the ebonite panel can be slipped in flush with the tops of the sides and ends of the box. In the centre at the top of the ebonite mount the valve socket. This can be done from the top or underneath by drilling a hole large enough to take the valve pins and by fastening the socket with two nuts and bolts. Below this is mounted the double pole, double throw switch.

Refer to the diagram for the position of the milliammeter, which should preferably be of the panel mounting type reading 0-100 m.a.

In the centre at the bottom of the panel are fastened the two valve pin sockets with two 1-8in. holes drilled just above. The use of these will be described later. On either side of the panel at the bottom ends are mounted two terminals. To lessen the chances of accident to the milliammeter by accidental short circuit, the terminals are preferably of the insulated top type. Some method will now have to be found of mounting the resistances, and it will have to be largely left to the discretion of the builder, depending on the type and make of resistance used. This must be of the wire wound variety capable of passing 100 milliamperes without warming up and altering the resistance. Specify this when buying these components.

Making a Resistance.

IF fixed resistances are unprocurable, variable ones can be used, or they can be made by using suitable lengths of eureka or similar resistance wire wound on a non-inflammable former. If this method is adopted, get the particulars of the wire at the same time as buying. Resistance in ohms per yard is required as well as current-carrying capacities.

For instance Eureka resistance wire No. 32 SWE, has a resistance of 7.35 ohms per yard, and will safely carry 100 m.a. for a short time. A total resistance of 100 ohms can be obtained by using 100 x 7.35 yards of this wire, or 13 yards 22 inches. Wind on a rod of, hard fibre or similar material taking great care that the wire does not stretch. The actual resistance can be checked over afterwards against a known voltage.

The 100 ohm resistance can be made in the same way by winding on a spool ten times this quantity of the same wire. Nichrome wire has a higher resistance per yard than Eureka, so it would be best to use this, and avoid such a large resistance unit. Unless the wire is cotton or silk-covered, do not let adjacent turns touch when winding either resistance, or the reading of the volt meter will be quite inaccurate.

Yet another way of obtaining this resistance is by the use of 200 or 400 ohm potentiometers. A 200 ohm can be used for the low resistance, and three 400 ohm ones connected in series and neglecting one of the side terminals in each case, for the high resistance. These can be mounted underneath the panel and adjusted to the correct value by comparing the volt-meter with a good commercial one borrowed for the occasion. If this is not possible, they can be set if two new 45-volt batteries and a tested 6-volt accumulator are on hand. However, more of this later.

Now take the base of a broken valve. This can be obtained from any dealer if one is not to hand. Clean away all glass and file away the solder on the tip of the pins, cleaning the hole down the centre of each pin. Two lengths of twin flex, about two feet each, are cut, and the four ends soldered in the holes in the valve base pins. One twin lead for the filament, and the other two for the grid and plate lead. Mark

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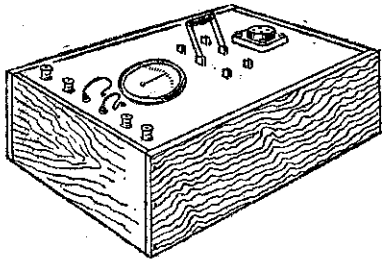
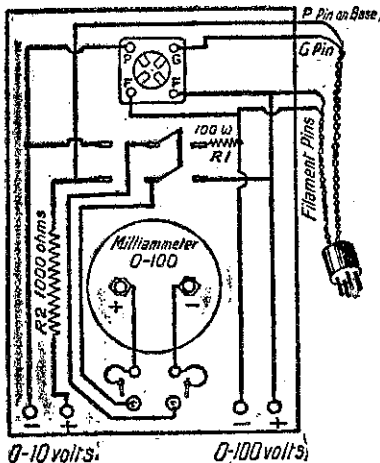
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the free ends of the wires corresponding to their termination on the valve socket.

The Diagrams.

Proceed to wire up according to the diagram. This is a view looking down on the inverted panel, and is not a plan of the wiring as it would be seen if the panel was transparent. It will be noted that the grid and the plate terminals are apparently wrong, but this is due to the fact that it is upside down. The two lengths of flex wire can be fastened underneath by a small clip and a slot cut in



the side of the wooden box, so that it will slide in from the top. When connecting up the millimeter, do this by two short lengths of flexible wire, passing through the small holes in the ebonite, and fastened to the two valve pins outside, so that the connections to the millimeter can easily be reversed by simply changing over. The resistances are marked as R1, 100 ohms and R2, 1000 ohms.

Running over the connections one by one, it is seen that the grid terminals on both the socket and adapter are merely joined via the length of flexible wire. Plate pin or valve base joins to one end of the switch and one end of 1000 ohm resistance. Free end of resistance to one of the insulated terminals on panel. The adjacent terminal to D.P.D.T. switch and also to plate terminal on valve socket. The two middle pins on the switch join to the two valve pin sockets below. Now, the filament pins on valve base adapter join direct to the filament terminals on the valve socket. To one wire is joined one end of switch and one free terminal. The last terminal joins to the other filament lead and one end of 100 ohm resistance, the other end of which is joined to the last pin or terminal on the switch. This finishes the wiring and the whole can be mounted in the box ready for use.

Adjusting the Voltages.

FIRST of all let us try the A and C batteries. Disregard the adapter for a minute and work from the four terminals on the panel. On the left are

the two reading 0-10 volts, while on the right are the two reading 0-100 volts.

Connect the A or C battery to the two terminals on the left and throw the switch over to that side. The voltage will be given on the milliammeter as follows: For every 10 milliamperes it denotes 1 volt. Then for 6 volts 60 ma. will be seen. Four volts will show 40 ma., etc. Now try the B batteries. Every 10 volts will be shown as 10 milliamperes, so that a 90-volt battery will show 90 milliamperes. Connect the B batteries to the right-hand pair of terminals, and throw the switch to the right. If the needle of the meter kicks the wrong way, either reverse the battery leads or alter the polarity by changing over the two valve pins and sockets at the front.

If the resistances are not known and can be varied, do this on a known voltage, such as a tested battery, and adjust the low voltage side until $4\frac{1}{2}$ volts reads 45 milliamperes, and the high voltage side by varying the resistance until 45 volts shows 40 mills or 90 volts, 90 mills.

Using the Instrument.

NOW, assuming that we wish to test the valves in the set, take out the valve and fit into this tester. Plug the adapter into the socket from which the valve has been taken. Throw the D.P.D.T. switch to the left and turn on the set. This will indicate on the meter the voltage that is being applied to the filaments. When the correct voltage is being registered note the position of the rheostat and use in this position while the receiver is being used.

Now throw the switch over to the right and the meter will at once indicate the plate current being taken by the valve. Take special note of the last stage, and while the music is being heard watch the needle of the meter. If this kicks with a loud passage, then distortion is occurring. Increase the B and C voltages until no kick is noticed.

If this is not successful use a larger power valve. Consult the characteristic curve as supplied by the makers. Read the grid bias or C voltage horizontally. The anode current in milliamperes is seen on the vertical line, and various curves for different plate voltages (B voltages) are given. Select the curve with the longest "straight portion" and bias, so that it is working on a point a little below mid point of this straight portion. Check over by reading off the plate current as given by curve with the longest "straight portion" shown on test. In either case of testing valves or batteries, the switch thrown to the left gives low voltage reading, and to the right gives plate current or high voltage reading.

Regarding the milliammeter, a warning which cannot be stressed too strongly should be noted by all those who have not handled this delicate instrument before. It is extremely fragile, and should never be used to test a battery by connecting direct across the terminals. The only way it can be used to test voltages is by the insertion of a suitable resistance in series. Therefore, after purchasing the milliammeter, carefully put it away until it is ready to be built into this piece of apparatus.

There is still the method of determining resistances with the use of a milliammeter to be discussed. Almost all electrical calculations are based on Ohm's Law. This is defined by the

simple formulae, $C \text{ eq. } E \text{ over } R$, where C eq. current in amperes.

E eq. voltage, R eq. resistance, that is R. eq. $E \text{ over } C$.

The milliammeter and a known battery voltage will have to be used in this case. Assuming we want to find the resistance of a pair of phones, connect by insulated wire the milliammeter, the two small valve pins in this case, the pair of phones and a 45-volt battery all in series. Just make connection long enough for a reading to be obtained.

Let us say it was 20 milliamperes, which is .02 amperes.

R. eq. $E \text{ over } C$, R eq. $45 \text{ over } .02$ eq. 2250 ohms.

Similarly any resistance can be determined by arranging the voltage to suit the readings of the milliammeter.

A GOOD counterpoise earth may be made by running a rubber-covered wire along a fence, especially if this runs directly underneath the aerial.

A Long-lived Marconi Valve

THE following paragraph from the "Wireless World" will no doubt be of interest:—"5XX is making a bid for the valve longevity record. A modulator valve which has just been superannuated on account of low emission has spent a useful life of 12,571 hours 17 minutes. Work it out and you will find that this amounts to almost 524 days of continuous working!

"The valve was first put in circuit on November 21, 1925, and has functioned for every minute of Daventry's transmission since that date. There are several other valves at Daventry which are well on the way to equalling this record. One has been in use between ten and eleven thousand hours and another for nearly ten thousand, and they are both going strong."

The valve in question is a Marconi Cami valve.



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Address Wanted.

I SHOULD be obliged if your correspondent who signs himself "Vic's Radio Shack" would send me his address. A letter I wrote him recently addressed to Belmont has been returned through the Dead Letter Office.—GUY C. HOLMES (Masterton)

Appreciation of DX Club.

I WOULD like to thank E. V. Clay (Auckland) for his information concerning the station I picked up on New Year's Eve, and wish him the best of DX. I think the DX club a good idea, and with a little more assistance all round should prove interesting to every radio enthusiast, and a help to many.—N. C. WINSTANLEY (Picton.)

New Stations.

HAS any other reader heard station KTM, Los Angeles? I had it to-night, Monday, January 21, and the announcer was speaking prior to closing down. He gave the wavelength as 3844, or 3544. I think it was the latter. I missed nearly everything he said owing to Morse interference, but I am sure I heard the call and situation correctly. KFOX, Long Beach, Cal., was much louder than KNX or KHJ to-night.

Re Mr. Cardon's inquiry as to a station on 228 metres, I think this is KFOX, Long Beach, Cal. I had this station to-night, January 19, on approximately the same wavelength, and it closed down at 9.5 p.m. New Zealand time. It is not KFON, which comes in four degrees higher up. Static prevented me from hearing their wavelength. Fading was very bad.

It might help others if DX enthusiasts sent in the slogans of stations they receive, as it often happens that you miss the call sign, but get the slogan. Most Yankee stations have them. WENR, Chicago, is "The voice of service"; KMOX is "The voice of St. Louis"; KWKH is "The voice of the South."—KAUSPANKA (Hastings.)

[The latest list to hand gives no indication of stations KFOX and KTM, but they may be new ones. This appears to be the case by the following letter.]

KFOX, California.

HAS any listener heard a station. KFOX on 1000 watts, 1250KC. Long Beach, Calif. I logged him on early evening of 18/1/29, playing latest records and announcing KFOX. Hancock Oil Co.'s station, Longbeach, Calif.? Has he got anything to do with KFON, as I heard the names of the owners of KFON, namely, Nichols

and Warriner, mentioned?—C. V. BLUCHER (Waihopo, North Auckland.)

Summary of Reception.

I AM pleased to read Mr. Ellis's idea established, and congratulate the "Record" accordingly. My contribution will be a summary of DX reception up to date.

Australian reception has been fair to good, but I have not picked up any new stations from there.

JOHK and JOAK are best of the Japanese, and can be heard most nights after 10 o'clock.

Americans have not been so good with me, or perhaps I should say I have not been putting in the same amount of time at them as formerly. KFON, who used to be the most consistent, is not coming through nearly so well since he doubled his powers. KNX, WENR, KFON, KHJ, KPO, KFKB, and WLW are audible most evenings, with the first-named the strongest generally. KFKB and WLW have been heard between 11 and 12 p.m. lately, New Zealand time. There are two strange Americans, one and three degrees, on my dial, about 3AR, who comes in with fair strength, but their reception is mostly spoilt by Morse.

The following are additions to my log:—2XS, 20A?, 4ZA, KFKB, WENR, WLW, KHJ. Here's wishing you all a good DX year.—W. E. DAVIES (Picton.)

American Stations.

OVER the signature of Patrick Arcutt (Hastings), of your issue of January 4, appears a query as to an American station, call-sign WGNR, just above 2BL, also "Satisfied Listener" (East Coast), January 11, WGNL, also just above 2BL. As these might easily be mistaken for the call-sign WENR (Illinois, Chicago), 345 metres, which, however, is just below 2BL, right on JOAK's wavelength, it is possible this station might have been working on a higher wavelength. W2 NR has evidently adopted for his "sing off" item the song, "When You Come to the end of the Day," giving his time as five minutes to two (7.55 p.m. New Zealand time), and is easily my best American, giving ample loud-speaker volume.

weather-king static permitting. KHJ (on 1YA), 333 metres, KRLD, 295 metres, KNX, 296 metres, also come in well on speaker, particularly so during December, and until about January 7, since when weather conditions have almost put them off the map. I have never known the Australlans so poor as at present. 2BL, 2GB, and 2FC are coming over best, in that order. I have noticed the lower the wavelength the greater the static; that during nor'-west, north, or nor'-east weather, DX reception is poor, and on the other hand best results are obtained when the wind is from the south-west. Can any listener tell me what has happened to 9XXF Grove Downes, Illinois, on 288 metres? This station some time ago came in very strong, but I have not heard it

for several months. I desire to congratulate the Radio Broadcasting Company on the very much improved programmes now put through, the gramophone items being very good.—JNO. LUKE (Clevedon).

HITHERTO any radiocast of any part of the Gilbert and Sullivan operas, except for a few short extracts, has been forbidden, says an exchange. This ban has been partly lifted, and now any part may be radiocast, except for vocal numbers, which are still not allowed.

About Angora Rabbits

NOW that a beginning is being made in this country with the industry of wool from Angora and Chinchilla rabbits, it will be of great interest to many to hear Pastor W. D. More's lecture on "Hints on Keeping Angora Rabbits," at 4YA, on Tuesday, February 5, at 7.30 p.m. Pastor More is a well-known local breeder of Angora rabbits.

RADIO DIRECTORY

What to Buy and Where

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ALTONA & HAMMARLUND-ROBERTS SETS.

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Chancery Street, Auckland.

ATWATER-KENT RADIO

Frank Wiseman, Ltd.
170-172 Queen Street, Auckland.

BREMER-TULLY RADIO

Superadio, Ltd.,
147 Queen Street, Auckland.

BURGESS RADIO BATTERIES,

All Radio Dealers.

CROSLEY RADIO

Lewis Eady, Ltd.,
Queen Street, Auckland.

Abel, Smeeton, Ltd.,
27-29 Customs St. E., Auckland.

D. A. Morrison & Co.,
Victoria Avenue, Wanganui.

F. H. Jellyman, Ltd.,
Devon Street, New Plymouth.

J. C. Davidson,
Main Street, Pahlataua.

A. D. Riley and Co., Ltd. ANZAS
Ave., Auckland, and all leading dealers

FERRANTI RADIO COMPONENTS

GREBE RADIO

Howie's,
Dilworth Building, Custom st., Auckland

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All Radio Dealers.

PREST-O-LITE. Car and Radio Battery Service

L. J. Purdie & Co., Ltd.
97 Dixon Street, Wellington.

RADIOLA RECEIVERS and Expert Radiola Service.

Farmers' Trading Co., Ltd.,
Hobson Street, Auckland.

RADIOTRONS AND MARCONI VALVES

All Radio Dealers.

T.C.C. CONDENSERS

A. D. Riley and Co., Ltd. ANZAS
Ave., Auckland, and all leading dealers

COUNTRY TOWNS

ANCHORADIO, BREMER-TULLY, RADIOLA, BROWN-ING-DRAKE, AND ATWATER-KENT RADIO

Radio House,
Hamilton. G. S. Anchor, Manager.

GREBE, ROGERS, CROSLEY, RADIOLA AND KING SERVICE

E. Dixon and Co., Ltd.,
Hawera.

SIEMENS BATTERIES, RADIOLA DEALER AND SERVICE

G. C. Carrad.
140 The Avenue, Wanganui.

PHILIPS VALVES AND

APPARATUS All Good Radio Dealers

"C" Batteries from 2/3

6 V 1t 2/3. 9 Volt 3/6.

Order a sample to-day.

ROYDS-HOWARD CO., Chch.

Amplifying the Current.

If the wireless signals are to be heard from the loudspeaker there must be some means of increasing the output. As the input is an electrical current there is one suggestion, add more current, and this is done by means of the battery. Batteries then are an essential if the current is to be magnified; naturally by batteries, any form of battery eliminator which serves the same purpose is implied.

But batteries themselves cannot be applied to strengthen the current and some device has to be used to split up the battery current so that the incoming signals may be mixed up in it. Such a device is found in the radio valve. There are, then, two essentials of magnification—the valve and the battery. The remaining components that go to make up the amplifier are added according to the special need of the circuit in question.

With the addition of the valve there is possible a little more variation in the form of the circuit. The valve may be made to amplify the current before or after it has passed through the detector. According to its position it receives the name radio or audio amplifier or magnifier. The former denotes that the valve is magnifying the current before it is detected, the latter that it is being magnified after it has been through the detector.

The owner who wishes to amplify the output of his crystal set has then the choice of two positions of the valve.

Generally the valve comes after detection, and is consequently an audio valve, or, as one may say more technically, one stage of audio, has been added. Apart from these two variations in the position of the valve there is little choice in the placing on the components.

Before Making Your Will, Read "Five Advantages"

Will-making and estate-protection are highly important matters.

The wise testator will give careful study to the unique benefits offered by the Public Trust Office.

Five of the special advantages are explained in the new leaflet, copies of which may be obtained from any Office or Agent of the Public Trustee, or free by post from the Public Trustee, Wellington.

B2

Our Crystal Corner

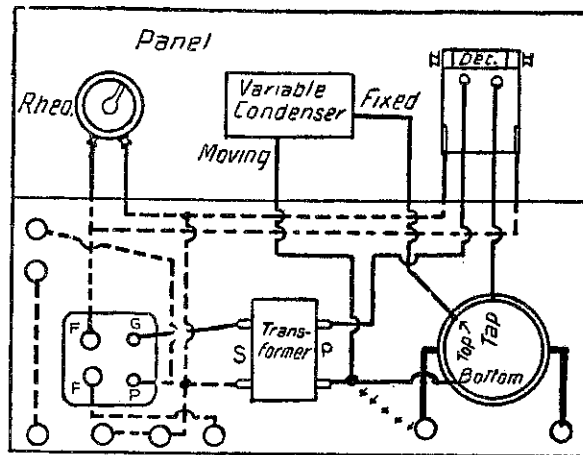
By "Galena"

The Audio Amplifier.

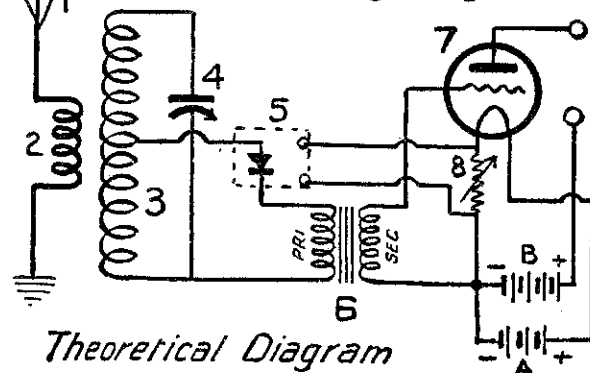
THIS is the most used and will be described first. Of audio amplifiers there are generally two types—the transformer and the resistance coupled. To enter into the respective merits of these two types would be beyond the scope of this corner, but the crystal owner who is interested will find much assistance in "Pentode's" notes on the construction pages of this issue.

replaced by B. This signifies that in inter-valve coupling the P terminal is usually connected to the plate of the preceding valve, while the high tension or, as we call it, the B battery passes into the transformer through the B terminal.

These letters, of course, mean nothing to the crystal set owner, who has no other valve to connect the transformer to, so the connections are



+45 -B -A +A' E A
Wiring Diagram



Theoretical Diagram

Generally, too, the transformer coupling is necessary for the single stage amplifier, as to get reasonable strength the maximum must be obtained from the one valve, so that the transformer, which itself steps up the output, is an amplifier.

Considering an ordinary four point valve or, more correctly, a three electrode valve, the orthodox connections are as in diagram 2. That is, the transformer immediately follows the crystal, the 'phone terminals being connected to the primary winding.

In the older makes of transformers the lettering on the terminals of the primary was IP, OP, standing for input primary and output primary. Now the transformers are differently marked, but are nevertheless the same inside. The IP has been replaced by P for plate, while the OP has been

made to the 'phone terminals which bear the signals he wishes to amplify. The manner in which these are connected matter little, but it is most consistent to connect them thus—the 'phone terminal direct from the crystal to the IP or P.

How a Valve Amplifies.

THE secondary of the audio transformer transfers the signals to the valve. The terminal marked "G" on the newer type of transformer, or O S on the older type, always goes to the grid of the following valve.

The signals then coming in from the primary pass through the magnetic field in the transformer to the secondary winding. By the action of the transformer, they are stepped up or magnified, and in this condition go to the grid of the valve. Through the re-

mainder of the filament circuit a continuous flow of electrons is supplied from filament of the valve to the plate. This, mingling with the electrons on the grid, which carry the signals, magnifying them, and take them on to the plate.

From this one would expect the lead from the plate to go to the speaker on the telephones. This it does, and the filament circuit then remains.

The remaining terminal of the transformer, that is the one marked ISP or GB, is connected to the A battery or C battery if bias is to be used. This seems to trouble quite a number of our constructors. In constructing a larger type of receiver, grid bias is an essential, and as this is placed between the A battery and the grid via the secondary of the transformer, the letters GB on the transformer indicate this battery, or the negative of this battery, is to be connected there. To complete this circuit, the C positive is connected with the negative A.

Is a "C" Essential?

EVEN in constructing a one-valve amplifier, it is advisable to incorporate a grid bias battery. This not only improves the tone, but prevents the B battery running down too quickly. If the diagram the constructor is using does not contain a reference to the C battery, it is quite simple to break the lead between the negative A and the secondary of the transformer, and insert the C battery, remembering that the negative must go direct to the transformer and the positive to the A negative.

The A negative connects to the filament of the valve, passes through the filament, and then to the A positive; thus the filament circuit is completed, and current can flow from the positive through the valve back to the negative, and so cause the stream of electrons to be issued from the filament.

How to Break the Circuit.

THIS process, naturally, cannot go on for ever, otherwise the A battery would not last long, so it is necessary to make some adaptation in this circuit to prevent the current flowing all the time.

There are principally two methods of doing this: by insertion of the switch or a rheostat. The latter is to be preferred, as the use of a switch can be likened to the repeated application of breaks to a car without having first turned the benzine off. The car will stop and the flow of benzine will stop, but the sudden jar is detrimental to the machine.

Exactly the same takes place here, and it is better by using a rheostat, to gradually turn off the current. The use of a rheostat, too, has the decided advantage that a valve with a different filament voltage to the battery may be used. If this is the case, care must be taken that the rheostat is not turned on full.

The rheostat may be placed anywhere on the A circuit, but it is usual to place it between the A negative and the filament. The grid bias, of course, will go direct to the A negative terminal, and not between the rheostat and the filament, although this will not make much difference, but the former position is more simple in point of wiring. So much then for the filament circuit.

(Continued next week.)

Subsidy For Music.

I THINK most listeners will agree with me that the Broadcasting Company should make an alteration in their Sunday night programmes at 2YA and 3YA. My suggestion is this: that on Sunday nights either 2YA or 3YA should have a band concert on a Sunday night alternately; that is, when 2YA has a band concert 3YA broadcast the usual Sunday programme, and on the following Sunday it would be 3YA's turn to broadcast band music, while 2YA gave the Sunday concert as at present. I think that listeners would be more pleased with that, and those listeners who like band programmes could switch over to the band concert, and those who do not like the band could switch over to the station that is giving the sacred concert. Seeing that suggestion about raising the fees of listeners to hear orchestral societies has been made, I would say that I think most listeners would be only too pleased if the Broadcasting Company would pay so much to theatrical companies to allow them to broadcast operas and drama from the theatre where they are performing, say at Christchurch and Wellington: that is, to broadcast say opera once a month and drama the next month, and only taking from leading companies when they visit these shores, with boxing and other events in between, and I think that most listeners like myself would be agreeable to pay 35s. a year so as the Broadcasting Company could pay for these performances instead of giving us so much canned music as they give us at night as at present, when nearly half the items are taken up with records on the night programme. Now, Sir, I am sure that if the Broadcasting Company was to carry out my suggestions that not one listener in New Zealand would begrudge paying 35s. a year for their license. Dear sir, may I suggest that this letter of mine be printed in the "Radio Record," and that as the company knows every one's address who have a radio set that the company print voting cards with the suggestions for the increase in the license and send one to every listener in New Zealand, and have a vote recorded as to whether they would be in favour of the increase for the Broadcasting Company to pay for these dramas, operas, and orchestral societies' programmes to be put over the air as well as band music as at present, with the alteration in Sunday programmes as suggested.—W. KNOTT, 40a Hawkhurst Road, Lyttelton.

P.S.—Why I suggest Wellington and Christchurch stations is because most of the listeners can get these stations with comfort: in fact, you could have this in the four centres, and with 44,000 license fees it would allow the company £11,000 for paying out.

Re Time Table.

I QUITE agree with "Sheep Farmer" "Radio Record" 25/1/29, that the time table needs revising, and would also like to know when we are going to get the long-promised dinner music. Children's sessions are too long in my opinion and I would like to see a vote taken as to how many children, apart from those personally knowing the performers, ever listen in with interest to the children's session. My children, now that the novelty has worn off, and they do not get a present every week, take very little interest, nor do any of my friend's children who visit the house, even though wireless may be a novelty to them. This, of course, ap-

Our Mail Bag

Will correspondents please practice brevity, as heavy demands are now made on space. All letters must be signed and address given as proof of genuineness; noms de plume for publication are permitted. Address correspondence Editor, "Radio Record," P.O. Box 1032, Wellington.

plies particularly in the summer and wisdom. Kia Ora.—RORE JOHN JOSEPHS (Wellington).

My time-table would be:—

6 p.m. to 6.30: Children's session.

6.30 to 6.45: Music.

6.45 to 7 p.m.: Shipping and market reports.

7 p.m. to 7.15: Sporting results.

7.15 to 7.30: General news.

7.30 to 7.45: Music.

7.45 to 8 p.m.: Lecturettes or music.

In the event of any particular news section running out of news before time, music could be broadcast to fill in the time.

I would like other listeners' ideas of a programme, and also views of the children's sessions. If the half hour is not long enough, commence at 5.45 p.m.—"WANGANUI."

Variation of Programmes.

I THINK it is high time that complaint was made about the way the radio programmes are chopped about. Every evening some artist or other does not give the items advertised but substitute others, much to the annoyance of many listeners who were looking forward to these particular items. Even the Broadcasting Company, which should set an example, is notorious for the way in which it plays gramophone records other than those on the programme. Even if soloists have not bothered to learn the items they intended to give there is no excuse for substituting gramophone records; they take no rehearsing. If I remember aright, it was stated some time ago that the company intended to impress upon artists that they must give the items advertised, but no improvement has been noticed. This may seem but a minor matter, but nevertheless it is very irritating.—F. G. NORTHERN

Maori Places and Names.

THE incorrect way in which Maori places and names are wrongly pronounced by Pakehas, and the manner they treat and mutilate our beautiful Maori language is something appalling. I am glad the Radio Broadcasting Company has engaged the services of such a great authority, Mr. H. M. Stowell, to lecture on "Maori Place Names and Pronunciation." His previous two lectures were highly appreciated by us all. We are looking forward to another rare feast from this noted student of the Maori language.

I hope listeners in other parts of the world who enjoyed listening in to the instructive and entertaining lecturettes by Mr. Stowell will be imbued with a further determination to help us, in seeing that Maori names, words, and places are pronounced correctly. Maori is spoken and written phonetically. It takes only a week to learn the pronunciation. Whereas English takes many years of laborious study.

We would appreciate it very much if Mr. Stowell's lecturettes were extended to half an hour each. I know Mr. Stowell, and I also know that he is a vast storehouse of Maori learning

if I am not barking up the wrong tree then this letter may be the means of preventing your readers from being misinformed.—Guy O. HOLMES (Masterton).

Programme Points.

IN to-day's "Record," 25/1/29, "Sheepfarmer" makes a suggestion re altering the broadcasting hours of what I take to be the YA stations. Now, in my opinion, from a listener's point of view, this would be quite the thing, but what of the station staff? Surely they want a little time off between the afternoon and evening sessions?

Also, what of the Aunts and Uncles? These splendid self-sacrificing people who take the children's session, are, after all, only just ordinary mortals, and, being such, it is just as necessary for them to work of an afternoon as "Sheepfarmer," and it would be just as inconvenient for them to attend the studio between 5 and 6 p.m. as for "Sheepfarmer" to waste an afternoon in order to listen to the gramophone records he mentions. I have worked on a sheep farm and can quite understand the point of view taken by "Sheepfarmer," but we must consider others and try to be fair.

I quite agree with him in so far as to have a few records from 7 to 7.30 p.m., and news from 7.30 to 8 p.m. The programmes are keeping well up to standard, but we could do with a few more mandolin and steel guitar items. It is quite pleasant to hear Lad Haywood

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CUSTOMS ST. E., AUCKLAND.

and the Palmer Trio back at 2YA. Can we look forward to the return of Mrs. Kenny and her party to this station at an early date? I would like to direct attention to the number of times certain artists put over the same item. It is all right to repeat by request. I have asked for this myself, but some artists seem to have a very limited repertoire, and so grind the same few pieces over and over. One in particular has got me beaten, as, after putting over one or other of two items at nearly every appearance last year, this artist is off again this year by starting away to-night with both of them as her contribution to the programme; said items both having got tired of shaving, have grown whiskers. Old timers are all right, but go to Ngahauranga to slaughter them. Thanking you for so much of your valuable space, and wishing the "Record" and the R.B.Co. the best of good wishes and success.—CHAS. H. (Kaiwarra).

Southland Sports in Trouble.

YES, I am one of the growlers, but not the type who wants better programmes, more variety, etc. What I am complaining about concerns practically the whole of Southland, especially the sporting fraternity. Owing to our geographical position 4YA is the only YA station we receive satisfactorily in the daytime, especially during the summer months. Now this is where my growl comes in: 4YA was scheduled, according to the "Record," to broadcast sports results at 4.25 p.m. on the 22nd. inst. I, with some friends, listened from 3 till 4.35 p.m. close down. Sports results were not mentioned and, mind you, this is the day of the big gallops at Wellington. Again at 7.15 p.m. we listened but not a word about them, although the scratchings for Forbury trots were mentioned. This is not the first time 4YA has let us down. I would suggest that 2YA—which can always be relied on after dusk—broadcast racing results at 9 p.m., when the weather report is broadcast.—R. F. CLOUGH.

1YA Mystery.

YOUR issue of January 18 just to hand. I notice a question by a correspondent signing himself M. R. Cardon (Auckland) asking if the music which comes through during the news session, 7.15 p.m. to 7.45 p.m., is connected with the studio at 1YA or is a separate station. This music is in no way connected with KHJ, the Californian which causes the heterodyning on 1YA's wavelength, and is easily raised when the local station is not working; but comes from a nearby orchestra, just as the motor-car horns of passing cars can be heard from 2YA any time that station is working. This can easily be proved any Tuesday evening, as this music comes on the instant 1YA switches on and stops immediately on closing down at 7.45 p.m. The company would do well to investigate the cause of this interference. I suggest it may be due to some fault in one of the land lines from one of the private theatres connected to the studio.

This question has been asked by several previous correspondents, but always answered as an American on the same wavelength. This is not so, as I work 1YA with one valve cut out and volume and filament cut down to lowest, where it would be impossible for me to pick up any but a local station. With apologies for the length of this note, I trust this may be of some use to you.—JOHN LUKE (Clevedon).

The Unmusical Tremolo.

I WAS intensely amused with your correspondent T. Proctor in your issue of January 18 styling this particular brand of singing as the outcome of "voice production." On showing this particular letter to an authority on voice production I was informed that a bad guess had been made and that the real reason for this "tremolo-cum-wobble" was for the purpose of disguising a rotten voice. This seems to me to be nearer the mark, and if the R.B.Co. must engage this class of singer I respectfully suggest that they all sing on the one night, preferably

Wednesday so far as 2YA is concerned. It is certainly painful to listen to.—"ANTI-WOBBLE."

Programme Improvements.

AS one who greatly appreciated the mid-day sessions during the Christmas holidays, may I suggest that these mid-day sessions be continued in lieu of the afternoon sessions? The afternoon week-day sessions are but little availed of, most of the community being away at business, the children at school (or wanting to play) and even the housewives mostly out visiting or marketing. For the benefit of the thousands of "home-to-lunch" business people mid-day sessions, 12 noon to 2 p.m., would be a boon, and would lead to a big increase in listeners. Gramophone selections and two operators working in shifts from 12 to 1 and 1 to 2 would surely not be a difficult matter.

I should like to add my quota of appreciation, as an Australian conservatorium-trained musician, of the gramophone items, which gain so appreciably over the wireless that my dislike of the gramophone direct has been turned into the warmest appreciation, thanks to radio. For that reason alone it is worth keeping on, for those musicians who would not have a gramophone in the house. The lectures could be made a great educational and advertising factor, in the way of graphic descriptions of scenic resorts in New Zealand, and I would commend same to the Tourist Department, who should be prepared to pay a substantial subsidy for such broadcasting. Lectures, stories and speeches of an educational, amusing or historical nature could be much extended, and would be much more appreciated than newspaper articles.—I.G. (Wellington).

Rebroadcasting Band Music

Mr. Harris Replies to Criticism

COMMENTING on Mr. J. Reid's statement to the Wanganui Band Contest Committee that the Radio Broadcasting Company was anticipating the contest music by broadcasting its pieces, Mr. A. R. Harris characterised it as a storm in a teacup.

"It would seem," said Mr. Harris, "that Mr. Reid has not had a full grip of the facts, or is distorting them. In addition to the telegraphed report, we have perused a report in a Wanganui newspaper which gives the full text of the secretary's statement. It would appear that he seized the opportunity to make a loud protest against the Broadcasting Company because 2YA broadcast a gramophone record of an orchestral interpretation of 'Moorside Suite,' which is to be one of the A grade test pieces at the contest.

"In connection with this, he makes the accusation: 'Evidently the Broadcasting Company when it learned of the selected music for the contest, sent Home for the records, secured copies and broadcast it without consulting the executive controlling the contest,' and that in so doing the company had filched the rights of the committee,

rights for which it had paid the Brass Band Association £60.

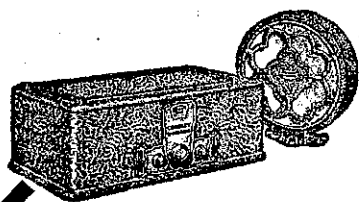
"The secretary may as well know now, before he makes any further wild statements, that this company would not be infringing the rights of anyone if it broadcast all music available by means of gramophone records. Under the new Copyright Act, the Broadcasting Company is required to set aside for the current year an amount up to £3000 for payment of copyright claims approved by an independent competent authority. Notwithstanding this right, the company has expressed itself willing to favourably consider any reasonable request to refrain from broadcasting any copyright music that may be purchased by other interests for performance in New Zealand. It was in accordance with this policy that the Broadcasting Company at once agreed to the Band Contest Committee's request to 'refrain from broadcasting its contest music.' This arrangement was confirmed by letter. It was not, however, until yesterday that the administrative office was advised by telegram from the secretary what were the titles of the contest pieces. Although the test pieces are already recorded, any bandmaster can procure and reproduce them privately on a gramophone.

"It would appear, however, that, unknown to head office, 2YA broadcast an orchestral (not a brass band) interpretation of 'Moorside Suite,' being probably advised by the gramophone representative that it was a test number, that fact being announced to add more interest to it. It is therefore quite evident that this record is available to anyone in New Zealand, and can be used by a brass band conductor for all the good it may be to him.

"The Broadcasting Company knows exactly where it stands, legally and morally, and it has shown its keen desire to fall in with the wishes of the Band Contest Committee in every way possible. If the Band Contest Committee decided that it would help the contest if all the test pieces were broadcast over and over again, the Broadcasting Company would do it (if the records were available); if the committee wishes otherwise, the Broadcasting Company will refrain, although it may think that from a real publicity point of view the committee is mistaken in its policy."

Railways Parcel Traffic

SOME time ago a system of parcels freight stamps was introduced by the Railway Department. Although the innovation necessitated the imposition of a penal charge on other than "prepaid" parcels, it was expected to prove helpful to business houses in eliminating the numerous small cash transactions entailed by the existing system. Experience, however, proved that the advantages were not sufficiently great to compensate for the forfeiture of the consignors' privilege of railing "carriage forward." The disability thus imposed on certain classes of business has been recognised by the Department and a modification of the original scheme has been introduced. Whilst the benefit of the freight stamps are still available to those who find them advantageous, their use is not essential, and consignors may consign their parcels "carriage forward" at no extra cost if they so desire.



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World's Best Records Now Broadcast

Complete System of Handling Latest Releases

THE introduction of gramophone records into broadcast programmes all over the world is now an accepted fact, and the reason is not far to seek nor hard to find. People are demanding the best in the way of entertainment talent, and they realise that they get the world's best in the gramophone recordings. This demand for the best artists is due largely to broadcasting and gramophones, which have so raised the people's appreciation of music that there is now little place for mediocre talent on the stage or in any other form of entertainment.

To keep pace with this demand for the best entertainment, the practice of the Broadcasting Company now is to engage the best available New Zealand artists, and to augment their programmes with the addition of specially selected gramophone records.

Electric recordings have now reached such a state of perfection that it can safely be said that all the world's greatest artists have been recorded, and in most cases can be reproduced by means of an electric pick-up with an efficiency which equals the actual performance.

THE number of records issued every month is enormous. In addition to single numbers large editions of complete works performed by the world's greatest combinations are being constantly released. These include complete performances of grand and comic opera, symphonies, concerti and multitudinous lesser works, taking up 24 hours continuous performance time.

The enormous number of releases which reach New Zealand make it impossible for the ordinary individual to keep in touch even with a portion of the works presented, while the cost of records places the making of a complete library far beyond the means of the private individual.

The Radio Broadcasting Company is handling this big question in a most comprehensive manner. The whole output of all the world's leading factories, including His Master's Voice, Zonophone, Columbia, Regal and Parlophone, pass through its hands, or approximately 3000 records a year. Over 200 a month are being personally reviewed by the experts of the Broadcasting Company. Before the records are accepted for inclusion in the radio libraries they have to pass a severe test, in which they are criticised for accuracy and purity of reproduction, and for their general enter-

tainment value. Those records which pass this test are then classified according to their suitability for different classes of programmes, awarded grading marks and filed.

As the programmes prepared by each station are received at Head Office, their character is studied, and any weakness or lack of variety is compensated for by the inclusion of suitable records.

In order to avoid repetition of numbers, the record catalogues are so prepared that it is impossible unknowingly to repeat the use of any record. Only those records of exceptional merit, or those for which there is a popular request, are played more than twice at evening sessions.

To prevent the break which occurs between performances, continued through two or more sides of a record, double turntables, electrically driven, and synchronised as to speed, have been provided at the stations. By the use of two records, one on each turntable, performances of any length can continue unbroken as in the actual performance. Some of the larger works, complete operas and excerpts from operas, are presented with the assistance of the interlocking dialogue, or descriptions presented from the studio.

STEPS are now being taken to forward supplies of records to each station. It is probable that in the near future afternoon record programmes, specially chosen, classified for different days, and synchronised throughout New Zealand so that a different type of programme may be heard each afternoon, will be constructed under the supervision of an expert.

A library such as is now being formed will be of the greatest possible value. By its means the Radio Broadcasting Company will be able to present to the public of New Zealand all the best of the world's records, and the cost of this service to each listener will be represented by the price of half a dozen records, or less than the price for attendance at two of the actual concerts. In addition to its entertainment value, this library will form an excellent reference library for educational purposes, for it can be expected that broadcasting of records will eventually appeal to every section of the community, not only to the man who wants entertainment of every description, but also to the man who is seeking after knowledge.

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The wireless station at Toulouse, France, is broadcasting by the Berlin system autographed photographs of the artistes responsible for each evening's musical entertainment.

A number of agricultural societies in the neighbourhood of Toulouse have requested that statistical and weather charts should also be transmitted.

This station promises to broadcast reproductions of pictures, statues, and other works of art by artists of the south-west of France.

Notes and Comments

By "Switch"

AN interesting contention was voiced during a conversation among radio men, and many of us will agree with it. The playing of good music (grand opera, for instance) on a guitar is a travesty, and is an insult to those who have any sense of music, was urged. The item which provoked this remark was the "Intermezzo" from "Cavalleria Rusticana" as a banjo solo—with apologies to Mascagni! How on earth can a banjo interpret that musical glory! There is no end of appropriate music for the banjo; a selection of plantation melodies would provide a full night's programme.

A LETTER was shown the writer, from a way-back country listener, who urged that relay stations should be erected in remote areas, and that the programmes from 2YA, Wellington, could be picked up on a receiving set instead of the Broadcasting Company going to the expense of using costly land-lines. The directors of 3LO, Melbourne, the most popular station in this quarter of the globe, cabled to London and New York to recognised authorities to obtain expert advice on the practicability of rebroadcasting from relay stations, using a receiving set to pick up the programmes from 3LO. The advice received was anything but encouraging. The fickleness of the ether, even at relatively short ranges, rendered such a service not dependable.

LOVERS of old-time vocal and dance music are undoubtedly numerous in New Zealand, and a gentleman who is enthusiastic on this subject asked "Switch" to advocate an "old-time night" at 2YA, Wellington. Here is just a rough draft of a programme he suggested:—"My Sweetheart Long Ago" (Cristabel), song; "Dreaming of Homeland" (Seymour Ellis), song; "I Know a Bank" (C. E. Horn), duet; "White Wings" (Banks Winter), song; "When the Robins Nest Again" (Frank Howard), song; "Then You'll Remember Me" (Baife), song; "When You and I Were Young, Maggie" (Butterfield), song; "T'se Gwine Back to Dixie" (C. A. White), song; "Slumber Sea" (Myra A. Chisholm), song; "Happy Be Thy Dreams" (Thomas), song; "Waiting" (H. Willard), song; "My Dream" (Bonheur), song; "Life's Garden" (Ellis), song.

THE Melbourne "Popular Radio" informs a Melbourne correspondent: "Summer is not too good for New Zealand stations, but you should get

them between 8.30 and 9.15, with reasonable strength, nightly." As a matter of fact the New Zealand stations are not on the air nightly between 10.30 and 11.15 o'clock, which is the New Zealand time equivalent to 8.30 and 9.15, Melbourne time. It is passing strange that the Australian Radio Press so frequently exhibits ignorance of broadcasting matters in New Zealand.

MR. Dion Boucicault, the world-famed actor, who passed through Auckland the other day on his way from Sydney to America, has no fears that radio will injure the theatre. Interviewed in Australia just before his departure, Mr. Boucicault, in justification of his belief that broadcasting cannot harm the stage, said: "They said, when Melba began recording, that no one would go to opera. But the gramophone added to opera attendances. So nothing can hurt the stage; and nothing can take its place."

A YANKEE radio trade man who recently passed through Wellington informed "Switch" that the talking pictures are bound to capture New Zealand. He said that radio valves are closely involved in the operation of the talking pictures. The three principal systems are the Vitaphone, Movietone, and Phonotone. The Vitaphone employs a giant "gramophone" disc, operated in synchronisation with the film, through a system of valves similar to those used in radio sets. Microphones are used in the talking picture studios, similar to those associated with broadcasting.

THE term "crystal controlled" is foreign to many readers who are interested in the tests being carried out by 2YA, Wellington. Quartz, cut on its correct electrical axis, possesses piezo electric properties, enabling it to oscillate when subjected to certain voltages. The frequency of oscillation depends on the thickness of the slab of quartz, which may take almost any shape. The quartz will not oscillate unless both the flat surfaces of the crystal are perfectly parallel. A crystal to oscillate at 168 metres is about 43/1000th of an inch thick. The crystal is used to control the grid of a thermionic valve. The oscillations from this valve are used to control frequency doublers which amplify harmonics of the crystal. The advantage claimed for crystal control is that an absolutely constant output is obtained with carefully adjusted circuits.

An Ancient City

TOULOUSE, an important city of Gaul in the days when Caesar's legions invaded the country, has paid a pretty compliment to its former masters. On a recent occasion a message was broadcast from the radio station of this city in Latin. In transmitting one of the world's oldest languages by the newest scientific means the speaker invited listeners to transmit their ap-

preciation or criticism "a directorem gallicae stationis Toulouse-Pyrénées in urbe Tolosa edificata."

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Short-wave Jottings

MR A. P. MORRISON writes: A San

Francisco radio concern is now placing on the market plug-in S.W. coils which are sealed in a vacuum, so that changes from one band to the other may be made without changing the calibration of the set. The coils are wound upon a bakelite form, supported by four uprights, and there is little chance of vibration due to the solid construction. The evacuation of the glass bulb in which the coils are placed protects them from dirt and moisture from handling, which sometimes changes the calibration. The coils are made in several different sizes, which cover the amateur and broadcast short-wave bands.

In size the novel inductances are about the same as an ordinary 201-A type valve, and may be plugged in a standard UX socket, thus ensuring firm contact at all times. Despite the distributed capacity, the leads and socket and losses due to the bakelite coil form, the short-wave coils are very efficient and excellent results are obtained because of the concentrated field of the coil. A receiver using the coils is easily hooked up, and is much neater in appearance than the usual short-wave set. The coils will retain their original features for an indefinite period. A receiver using them has two controls, and any wave-length band can be covered by simply plugging in its correct short-wave coil.

The accompanying circuit diagram shows how the coils are hooked up for short-wave reception. My log for the week is as follows:—

Friday, January 18.

6.30 a.m.: Station on 23 metres transmitting music and a lady announcing in foreign language, but no call sign; strength R7.

7 a.m.: 5SW, strength about R6; fading spoilt reception.

9 p.m.: RFM, Russia, with musical items, R8.

10 p.m.: PCLL, Holland, with records, R7.

Saturday, January 19.

4.30 p.m.: PCJJ, Holland, with their usual Saturday afternoon programme, calling "Hullo, Australia! Hullo, New Zealand!" R6 when first heard, but increased to R7 to 8. The last part of their transmission was very weak.

5.10 p.m.: American station on 30 metres, with music, strength R6. The only part of their call I received was 7X—, Portland, Oregon. It was a four-letter call, but could not distinguish the other two letters.

6.30 p.m.: JHBB, operating on 30 metres, R5 to 6.

9 p.m.: RFM, Russia. This station this last week has given us some very fine music and vocal items. R8.

12 p.m.: Foreign station on 41 metres, R7.

12.15 p.m.: The usual 52-metres station I hear every Sunday morning, but fail to get call, also the 41-metres station is a mystery to me.

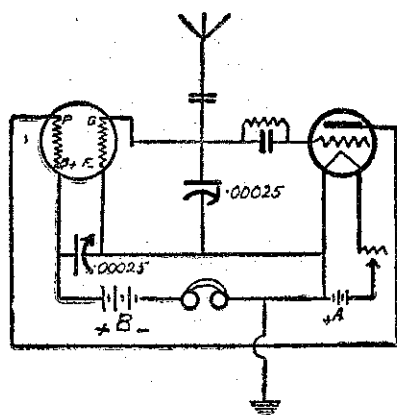
Sunday, January 20.

3.30: W2XAF was the weakest I have heard for some time, and before closing down he only reached R6 to 7.

4 p.m.: KDKA was also very weak, but the messages to Commander Byrd and companions could be followed.

5 p.m.: Station testing from 30 to 35 metres. He was on three or four wave-lengths at different times, but his modulation was bad and could not follow his call. He was also heard again later in the evening.

7.30: RFM, Russia. This is the earliest I have heard him come on the air; R7, but later in the evening he increased to R9.



8.15: W2XG, Rocky Point, on word test; R8.

Monday January 21.

6.45 a.m.: 3LO, Melbourne, 32 metres, was, as usual, with some good gramophone records; R8.

9 p.m.: RFM, Russia, a lady was heard talking in good English regarding the freedom of the peasants in Russia at the present time. This talk lasted about fifteen minutes.

9.30 p.m.: 2ME, Sydney, testing duplex telephony with VPO, Suva, R8.

9.35 p.m.: VPD, Suva, was found on 16.9 metres; his strength was very good, R7 to 8.

9.50 p.m.: A Japanese was heard on 37 metres; modulation was no good, R6 to 7.

2AX, Palmerston, was heard testing on 8m band, R8.

Tuesday, January 22.

Did not listen in the morning.

6.30 p.m.: RSR, Germany. This station I cannot remember having heard in the evening before. When first heard it seemed he was reading from a newspaper, and at times could be understood, because he was talking in broken English. One musical item was heard and then he closed down; R7.

9 p.m.: RFM, Russia, was heard with good music and vocal items; R8.

10 p.m.: A Jap was heard testing two metres above RFM, Russia; R6.

10.30 p.m.: A station was heard on 14 metres with music and speech, but was too weak to make out what was said.

Wednesday, January 23.

6.30 a.m.: TLO, South Africa, was heard at good strength for once with records at R7. I looked for 5SW but failed to find him.

7.45 p.m.: RSR, Germany, lady announcing, afterwards musical items; R7. He was heard again at 8.45 p.m.

10 p.m.: PK2RC testing with PK2RI, 41 metres; both stations R7.

11 p.m.: PLE, Java, old call ANE, duplex with PKME, Sydney; both stations were at R7 to 8.

Thursday, January 24.

8.30 p.m.: RFM, Russia, plenty of talk to-night, very little music; R8.

5SW was listened for after midnight and some good musical and vocal items heard. Strength R7 to 8. I advise SW listeners to have a late sitting one night and listen to 5SW. Strength always seems good at these transmissions.

ON looking over my notes for last week, I notice for this Paris station I reported, JCE, Paris, was printed, and also (2C1) Paris was heard on 21 metres. What I stated was ICE, Paris, not JCE, was heard on 26 metres and his call-sign was heard by me three times as FL Radio Electrique, Hausmann, Paris. No doubt this was a printer's error.

The Arcadians

2YA to Broadcast Excerpts

ON Friday evening 2YA will present some of the most popular tunes from the well-known musical play, "The Arcadians."

When James Smith, of London, falls from an aeroplane into Arcadia, he scandalises the inhabitants by telling a lie. For this heinous offence he is ducked in the Well of Truth, where he is transformed into a cherubic, scantily-clad Arcadian. He is dubbed Simplicitas and, accompanied by two Arcadian girls, Sombra and Chrysea, sets out on a mission to convert the wicked citizens of London.

The three Arcadians make a dramatic appearance on Askwood Racecourse, where Jack Meadows, who loves Eileen Cavanagh, is backing his own horse, "The Deuce," to win the Corinthian Stakes. Doody, the jockey, having been put out of action, "The Deuce's" prospects look black until Simplicitas saves the situation and rides to victory.

The Arcadians then become the fashionable craze. Mrs. Smith, who fails to recognise her husband in Simplicitas, opens an Arcadian restaurant, where a Well of Truth is set in the midst of a painted canvas glade. All goes well until Simplicitas tells another lie, whereupon the Arcadian Cherub is transformed into the be-whiskered hen-pecked James Smith. Sombra and Chrysea, realising that their mission is a failure, return home, whilst Jack and Eileen plan a private Arcadia of their very own.

Automatically Tuned Sets

Future Developments

A CORRESPONDENT sends the following interesting clipping from "The Daily Mirror."

It has always been the desire of some people to have a wireless receiver which would give, in return for the movement of a switch, such stations as London, Paris, Berlin, and others, at will, without the necessity of any tuning. It had hitherto been looked upon as an ideal, but as a doubtful attainment.

These people are likely to realise their ambition if the "Universal Automatic Receiver" shown at Olympia develops as the manufacturers anticipate.

It is a very interesting set, which has a series of switches, in appearance not unlike a telephone switchboard, each of which is intended to produce two stations without any bother of tuning-in.

The idea is that, when the receiver is installed in a house, certain stations are tuned in, each apparently on a separate coil, and it is claimed that after this procedure there is nothing more to be done except to move a switch to whichever programme is required, an operation easily carried out by even a young child.

If the claims of the makers are substantiated, this "Automatic" will be found in many homes in the near future, judging from the interest shown in it at the exhibition.

An Ether Law-breaker

THERE was an interesting report in the papers the other day about the French police having discovered, not far from the Italian frontier, an unauthorised wireless station for which they had been looking for some time.

The station was in an uninhabited cottage near Cannes. The police kept watch at midnight, and arrested an Italian and a prominent anti-Fascist who had been convicted several times of political offences. It appears that anti-Fascist broadcasts have been made from this station, and the authorities attach much importance to the discovery.

We wonder if any of our readers have heard this station, as it had a range of at least two hundred miles, although the wavelength is unknown to us.

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