

PUBLISHED WEEKLY

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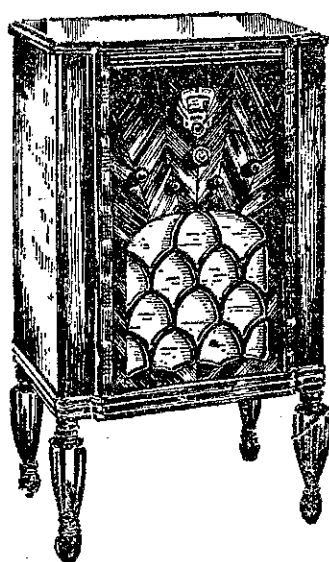
HOME JOURNAL

Vol. V., No. 14.

WELLINGTON, FRIDAY, OCTOBER 16, 1931.

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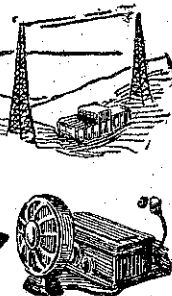
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Radio Round the World



BROADCAST reception is the rich man's pastime in Bulgaria, where the annual receiving license costs about £4. A receiver intended for operating a public loudspeaker is taxed at £20, which perhaps explains why anti-loudspeaker by-laws are unnecessary.

WHEN the ordinary Russian listener has retired for the night the Moscow stations now transmit a special service for the benefit of country newspapers. Reporters take down the news from rapid dictation, and next morning the local "rags" feature the same stories of crime, politics, passion and market activity as the journals of the metropolis. In Russia the problem of broadcast competition with the Press does not exist.

CHINESE railway stations, the favourite rendezvous of the population in their leisure hours, are to be the venue of a great loudspeaker campaign to urge the benefits of broadcasting. The province of Chekiang has gone so far as to organise a Five Year Radio Plan, with the object of establishing a broadcasting system on a sound basis.

"ONE cannot live now without radio," said the Dowager Queen Marie of Roumania in a recent interview. "When you have a good apparatus," added her Majesty, "you need not take any of the great express trains to find out what is going on in the world." The Queen spends many hours listening to programmes, not only from Bucharest but from Britain and France. She is especially fond of the transmissions from London.

ON October 12 Senatore Marconi will repeat his famous relay experiment of two years ago when, by means of a short-wave signal from his yacht Elettra he lighted the electric lamps at an Australian exhibition. This time the same method will be employed to unveil the great statue of Christ at Rio de Janeiro. The statue is 150 feet tall and stands at the top of the Corcovado Mountain, overlooking the city.

RUSSIAN radio plans for the coming winter may include a special "bar-rage" in the direction of South Africa. According to the "African World," the Soviet authorities will endeavour to reach the masses in Johannesburg and Cape Town by means of the new and powerful station now in course of erection near Moscow. The reference is obviously to the 200 k.w. transmitter at Noginsk.

HOPES that the Vatican broadcasting station would send out regular programmes for the benefit of the world at large were dispelled on August 3, when the authorities issued the following unequivocal statement:—"We do not and will not have regular broadcast programmes. Hours have been fixed for transmissions at 11 a.m. (British summer time) on a wavelength of 19.84 metres, and at 8 p.m. on a wavelength of 50.26 metres. At these times the station will send out news, notices and letters addressed to the missions. On Sundays and other feast days at 11 a.m. liturgical and spiritual letters are read for the sick."

THE growing use of trolley-buses, which cause considerable interference with radio reception, has prompted the British Radio Association to offer a gold medal for the most practical and constructive paper dealing with methods of obviating the nuisance. In judging the papers submitted, major attention will be paid to their technical content, but competitors are invited to deal also with the administrative side of the question, particularly with a view to determining the division of responsibility between the Post Office and the B.B.C. research staff in the tracing and elimination of interference.

THE Geneva police evidently believe that the broadcast listener should be treated like a gentleman (states an English contemporary). For courtesy and sweet understanding of human frailty it would be difficult to find a match for the following official notice addressed to local wireless users: "Sans-filistes! You who love music, from whatever country it comes, enjoy it plentifully, with intoxication (ivresse), but do not oblige your neighbours to hear, when they wish to rest, the concerts which charm you. Do not expose the loudspeakers on balconies or in gardens. After 10 p.m. have the courtesy to close your windows, and then indulge luxuriously in all sorts of music, gay or sad, classic, popular, or of the dance variety; but do not impose it on neighbours who do not desire it!"

If such a notice is disregarded the police may be excused if they resort to machine-guns.

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S-O-S

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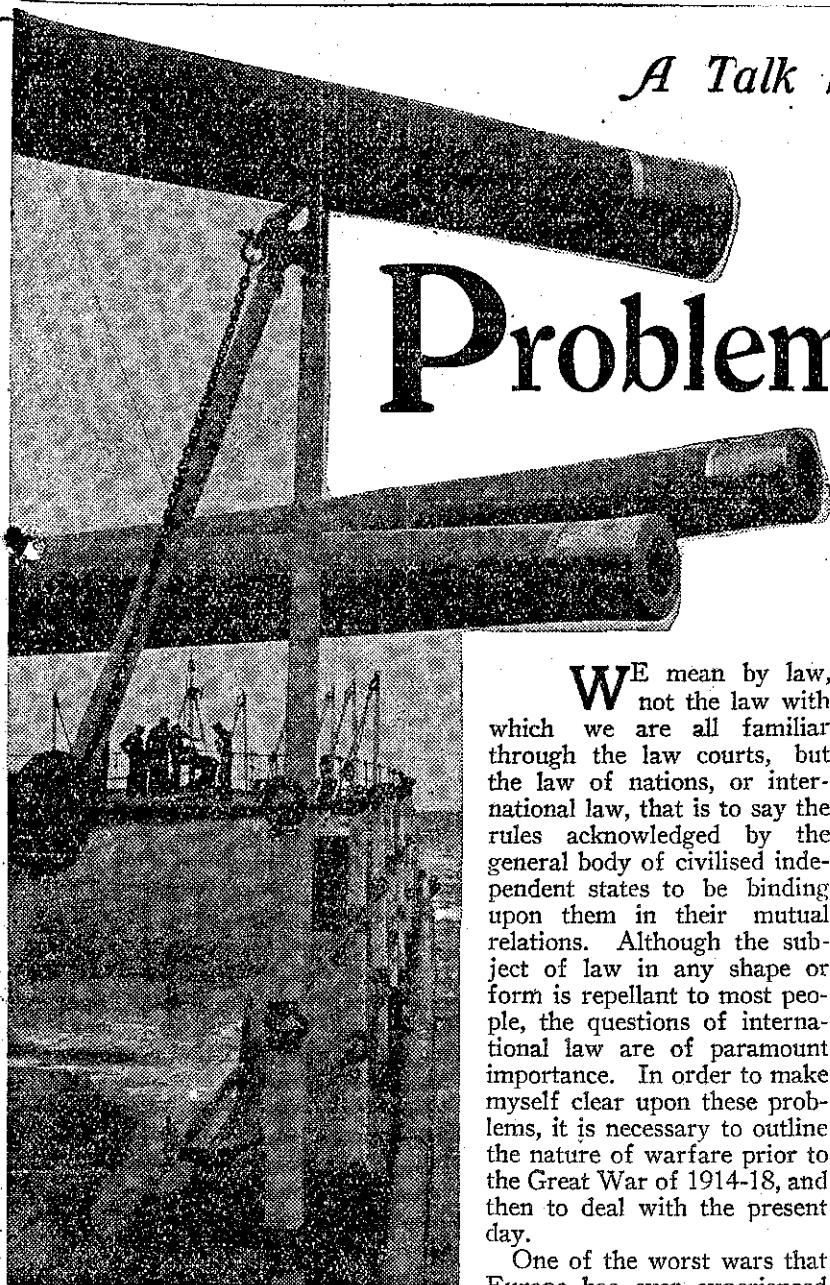
A Talk by

A. C. Brassington, LL.B.

on

Problems of Law and War

broadcast recently from 3YA



WE mean by law, not the law with which we are all familiar through the law courts, but the law of nations, or international law, that is to say the rules acknowledged by the general body of civilised independent states to be binding upon them in their mutual relations. Although the subject of law in any shape or form is repellant to most people, the questions of international law are of paramount importance. In order to make myself clear upon these problems, it is necessary to outline the nature of warfare prior to the Great War of 1914-18, and then to deal with the present day.

One of the worst wars that Europe has ever experienced was the Thirty Years War, which occurred in the Middle Ages, and was characterised by barbarities and horrors that to us seem indescribable. This thirty years' war involved the wholesale slaughter of men, women and children, and practically no distinction was made between the armed forces and the peaceful citizens of the countries concerned.

During the course of many years, the countries of Europe became conscience stricken at the terrible excesses which had been committed, and definite attempts were made by the intellectual leaders of the time to improve the conduct of hostilities and to enforce the distinction between soldiers and the peaceful civilian population. Military organisation and discipline improved and military commanders gradually accepted the distinction between the armed forces of the enemy state and civilians. The early international lawyers played a great part in this improvement, and the doctrine gained currency that war is really a relation between rulers and governments, and not necessarily between their respective subjects in their private capacity. This humane doctrine was applied fairly extensively in the wars of last century. In particular, in the Franco-Prussian war of 1870, the Russo-Japanese war of 1904, and in the Boer War, the civil or non-combatant populations were promised security, provided they did not take part in the actual fighting.

The great peace conferences held at the Hague in 1899 and 1907, at which all the chief powers of the world were represented, formulated rules of international law, in an attempt to restrict hostilities as far as possible to the armed forces on either side. Among many matters dealt with, the rules forbade the following acts, the use of poison or poisoned weapons, the use of arms or explosives likely to cause unnecessary

suffering, and any destruction of enemy property not imperatively called for by military necessities.

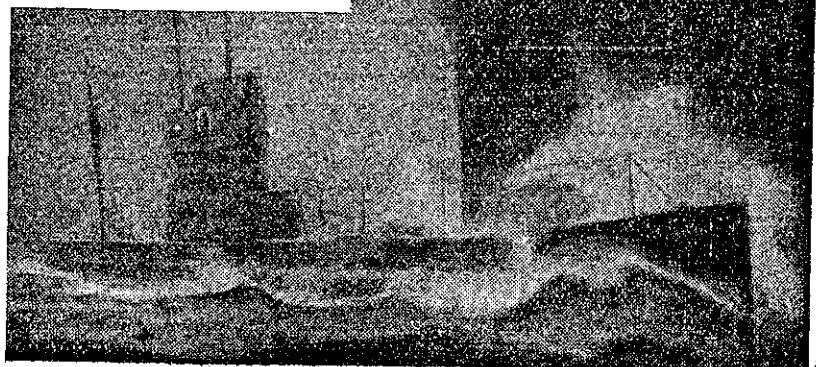
The use of poison gas was discussed at length, and the conference of 1899 agreed to renounce the use of poison gas in warfare. Furthermore, it was agreed to prohibit the bombardment, by whatever means, of undefended towns. The effect of these two great peace conferences was to emphasise the distinction between combatants and non-combatants, and the endeavour was made to restrict the field of military operations in order to avoid the injury or destruction of peaceful civilians, women and children.

IN Germany, however, long before the Great War, the doctrine was fairly widely held among their military commanders that military necessity might justify the breach of these rules of war, and that all the resources of the enemy's government should be attacked, its finances, railways and stores. Though they admitted the binding force of the rules of international law, they maintained that no limits of violence need be observed in cases where the safety of the army was endangered, or when the observance of the rules might lead to defeat.

As we know the rules of warfare were brushed aside in 1914-18, and the distinction between armed forces and the civilian population began to disappear. By the end of the war, the civil populations were the subject of aerial attack and large numbers were dying of starvation. The distinction between combatant and non-combatant was being broken down.

After the war, and the creation of the League of Nations, it was popularly supposed that warfare would be at least controlled by rules of international law, even if it could not be prevented. The nature of the changes that had taken place in the methods of modern warfare were only dimly appreciated by the public, and it was no doubt believed that the old distinction between combatants and non-combatants would be revived (*Concluded on page 2.*)

A stirring incident in the Great War. A "U" boat rammed by a destroyer.



Law and War

(Continued from page 1.)

and strengthened; in other words, that if another war came the civil population would not be objects of attack in an unrestricted manner. The defeat of Germany was believed to imply a general overhauling of the rules of war, and the observance of the revised rules in future. What was overlooked was that the old rules were obsolete and that new rules based on the same ideas must necessarily become rapidly obsolete also.

The point I wish to stress is that since the war no attempt has been made by the League of Nations to draw up amended rules to meet the changes

caused by modern scientific invention and the latest developments in warfare.

The League has not moved in the matter because it is known that any attempt to preserve the civilian population from military attack, by the mere adoption of rules or laws, would be unsuccessful. The League has concentrated upon the prevention of war, not its regulation, once it has broken out. There are weighty reasons why, in a future war, it will be impracticable to distinguish between civilian and soldier. A war in the present year would differ from the wars of the past in many important respects.

For instance, the general use of conscription and the organisation of the whole nation, so as to release as many able-bodied men as possible for the fighting front. General Ludendorff said

that the army and the nation are one. He was right in this, because if one now helps an enemy civilian one indirectly helps an enemy combatant. We now think of a whole nation in arms—every man, woman, and child is but a unit in a great organised nation, and an injury to one is an injury to all.

We can no longer distinguish between the troops in the trenches, the women in the munition factories, or the workers in the fields. Take the interesting example of a shipment of condensed milk to Germany during the war. One would suppose that the cargo of condensed milk would chiefly be of use to the German babies in arms. But the fats in the condensed milk could by scientific processes be turned into explosives, and the empty tins came in useful for making hand grenades. Consequently we could not permit the export of condensed milk to an enemy for fear of its being diverted to warlike uses.

Lipsticks can be converted to their original glycerine and so become explosives. In Germany during the war they requisitioned for war purposes such articles as name-plates, door-knobs, curtain-rods and coat-hangers. I quote these instances from a pamphlet issued by the League of Nations, which proves that no distinction can be made between goods and food for civil uses and for military uses. To starve the enemy's army, to deprive men of munitions of war, you must starve his women and children and deprive them of all imports.

We now have the recognised use of economic pressure by crippling the industries of the enemy and ruining his financial structure. In this way it is lawful to destroy the savings of the civilian population, to strike at the widows and the aged, and condemn them to lives of want.

Aeroplanes and Poison Gas.

CONSIDER also the use of bombing planes for night attacks upon factories, bridges, railway stations, and the like. Such attacks can only result in the death of civilians, and gas would be used. Where a whole nation is organised for the prosecution of a war it is just as important to destroy the industrial centres of population as to destroy the army in the field. The great advance in aviation and the preparation of poison gas has meant that no country can afford to neglect these inventions, and the air forces of all the Powers are to-day provided with gas bombs, though the use of poison gas was, prior to the Great War, definitely forbidden by agreement among the Powers.

It is significant that the League of Nations has made no attempt to draw up rules restricting the use of poison gas or restricting the bombardment of industrial centres and large cities. This is because it is known that rules of this nature, if agreed upon, would inevitably be thrown aside as the strain of war became intense.

The successful use of aeroplanes requires that attacks be made by night and an aviator flying over comparatively unknown territory and over darkened cities must destroy large numbers of men, women and children by aerial attack. The destruction will be the greater because large populations are always found in the centres of industry.

It is impossible to regulate aerial attack so as to spare the civilian population—unless aerial attack were renounced for ever by the Powers. But none would forego so valuable a

weapon and hence the impossibility of dealing with the problem.

Q Ships and Submarines.

A USEFUL example is furnished from submarine warfare. The laws of war prohibited the sinking of passenger vessels and other unarmed ships, unless the passengers and crews were removed to safety before sinking the vessel. But the nature of submarine warfare soon caused the breakdown of the rules. The use of "mystery ships" and the improved methods for the detection and destruction of submarines, forced submarine commanders to take no chances in a matter which meant life or death to the submarine crews. It became too dangerous for the submarine commander to spend valuable time in ascertaining the nature of the vessel he proposed to attack. He was in many cases forced to adopt the course of discharging his torpedoes first and making inquiries later. Similarly, the aviator flying over hostile territory will be compelled by the instinct of self-preservation, not to risk his life by attempting to make quite sure of the nature of his target. The chance will have to be taken by the city populations, not the aviator flying high above them.

Rules to regulate submarine warfare are useless, and rules to protect cities from aerial attack are useless also. The only way to deal with the submarine is to abolish its use altogether, and similarly with aircraft flying over hostile territory at night time.

The problem of the international lawyers prior to the Great War was to regulate the violence of war and to protect, as far as possible, innocent people from destruction. The problem has now changed. No attempts to regulate the conduct of war will ever be successful—it is recognised that the task is to prevent war from ever breaking out. The elaborate machinery of the League of Nations is directed to the prevention of the outbreak of wars, and this has been supplemented by the Kellogg Pact for the renunciation of war.

My address was entitled "Problems of Law and War," and I should like you to remember three things, about which I hope I have now convinced you. Firstly, that any future war must be even more terrible than the last war, because women and children will be objects of attack; secondly, that international law will be powerless to regulate the violence of war, once it has commenced; and thirdly, that all efforts must be devoted to the prevention of war, if civilised life is to continue to exist.

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Why CESARONI can Produce a Concert of BRITISH Songs Orchestrated by BEETHOVEN

by

Colin W. Smith.

On the advance programmes I noticed that, set down for 2YA on Monday, October 26, is a concert of British (including Scottish) songs, to be produced by the well-known Italian maestro, Lucien Cesaroni. All these songs have been set to music by Beethoven. German, Italian and British—surely, I thought, an unusual combination, but I happened to see Cesaroni a few days later and this is what he told me in explanation:

halb so hübsch wie Lo-re?
 schenk'ich mei - ner Lo-re:
 führ' ich heim die Lo-re:
 half so sweet as Sal-ly;
 give it all to Sal-ly;
 then I'll ma - ry Sal-ly;

This fragment from "Sally in Our Alley" illustrates typical British musical construction.

common practice to sing many of them without musical accompaniment. Of course, the musical accompaniment can be overdone, and the melodies made subservient to the music, but there is no doubt that a proper blending of voice and instrument or instruments can produce better results than when the two are divorced.

And so it occurred that a Scottish editor, who was collecting these folk and national songs, came to send a collection of them to Beethoven to arrange the music for violin, piano and 'cello. The violin part was written because that instrument, more than any other, approaches the voice in quality and can, if the part is well arranged,

PEOPLE will, no doubt, think it strange that I should be producing a concert of British songs, orchestrated by a German, none other than the great Beethoven. But what of that? Beethoven, before he could set to music the national and folk songs of the British people, must have known something of them—he had studied the people as they expressed themselves in music, and with his master pen set down their emotions in a manner that met with their entire approval. He put into his own glorious music everything they wanted to express.

One of the features of early British songs was the simplicity of the tunes or melodies. It was quite possible and indeed quite a

quieter, more reserved, yet nevertheless joyous melodies of the English.

TAKE, for instance, "Sally in Our Alley," that well-known air written by Henry Carey in 1728 and later rearranged by Beethoven. There is something undeniably English about this tune. For example, examine the few bars (reproduced) at the end of the verse. You will note that little upward inflection ending with the words "to Sal-ly," where the music takes a sudden little jump from A to D. That inflection is essentially English and is found in no other music. But this is only one of the small things that make songs like this dear to the English people. Listen when we broadcast that little air and you will see exactly what I mean.

Talking about "Sally," I might mention that a popular error exists concerning this song. It is not written about anyone in particular, but merely to set forth the beauty of a chaste and disinterested passion even in the lowest class of human life. The real occasion was this: a shoemaker's apprentice making holiday with his sweetheart, treated her with a sight of Bedlam, the puppet-show, the flying chairs and all the elegances of the Moorfields, from whence (Con-

cluded on page 29.) support it to a great degree. The 'cello fills in the gap between violin and piano and gives body to the combination. The specification of the voices was not always done by the great musician, as in many cases it was not in the original manuscript. Beethoven often marked the vocal parts with "voce" only, very likely because the Scottish editor generally sent him the air without the words—a negligence Beethoven often complained of, thus being left in ignorance as to the character of the song.

Beethoven studied the people with whom he came in contact, mainly through their songs. Just as he studied people, any ordinary person, no matter what his nationality or creed may be, must study people if he is to be an interpreter of emotions as expressed in literature, plays or operas.

Some years ago I was associated with the Castellano Opera Company, a more or less well-known group who were divided between Russia and England. During this period, I gained some very valuable experience in contacting the people of various countries and in studying them. Incidentally, I picked up a working knowledge of some eleven languages, but that is quite by the way. In studying people through their songs, one sees the essential difference in their make-up. Contrast the fiery emotional songs of the Italians as they work themselves to a pitch of excitement with



Signor Lucien Cesaroni as Mephistopheles.

—S. P. Andrew photo.

The New Zealand Radio Record

—AND—

Home Journal

(Incorporating the "Canterbury Radio Journal.")

P.O. BOX. 1032, WELLINGTON.

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

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

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

WELLINGTON, FRIDAY, OCTOBER 16, 1931.

DEMOCRACY AND RADIO.

THE fact that the British Cabinet can decide to prorogue Parliament and appeal to the people for a verdict upon national problems in so short a space as some three weeks is, in itself, a wonderful tribute to the efficiency of modern means of communication as represented by the daily Press and Radio. Such an appeal could not have been made fifty years ago, or even twenty-five years ago. The time factor would have prohibited it. It would not have been possible for the nation's leaders to propound their policy and secure a distribution and knowledge of that policy by any means in so short a space of time. Laborious coverage by personal travelling of great distances, numerous speeches to relatively limited audiences, and reporting in local papers of limited circulation, would have been necessary to acquaint the electorate with any degree of efficiency with the facts of the situation. To-day the local Press of the past is replaced by mediums possessed of circulations totalling millions. The telegraph enables an ably directed provincial Press to supplement the national media. Apart from the Press there is Radio. This as a single medium is the most marvellous of all. By it Mr. Ramsay MacDonald, the Prime Minister of Great Britain, in the past week, has been able to speak directly into upwards of 3,000,000 homes, and in view of the importance of his utterance, it may be estimated that he has spoken directly to possibly 80 per cent. of the total electors of Britain. By the ability thus to place the issues directly before the democracy, radio becomes a striking servant of civilisation. If the voice of the people be indeed the voice of God, then that voice, before the utterance of its judgment, must be acquainted with essential facts. Radio, in providing that medium, brings the individual voter into a position of greater importance than ever before. It will be interesting to see how the voter responds to the responsibility.

THIS instance is of outstanding importance in the political field as a test of the efficacy of radio. In the educative field radio, as administered by the British Broadcasting Corporation and its large staff of programme organisers, has been developing an extensive circle of listeners, who derive much food for intellectual thought directly from radio. Last week we announced a further stage in the development of

the same scheme here in New Zealand. To serve the desire for mental thought, important series of talks upon literary and intellectual problems are given in Britain. The Workers' Educational Association in New Zealand, with its capable staff of tutors, throughout the past four years has been co-operating with the Radio Broadcasting Company in laying the foundation for similar developments here. To build the direct contact between the listener and the tutor, Britain evolved the system of study circles, where groups of listeners could meet, hear the address from the radio, and discuss the matter amongst themselves. Study circles on similar lines are to be formed in New Zealand. Two were in existence throughout last year, and according to the testimony of Mr. N. M. Richmond, of the W.E.A. Association, submitted questions and discussion of a highly informative character. On that experience listeners elsewhere are invited to form study circles in particular relation to the series of talks upon George Bernard Shaw.

THE formation of study circles on a large scale throughout Britain establishes in effect an everyman's university through which cultural progress can be sought and maintained. Possibilities of such work in building an educated democracy, capable of giving decisions upon the momentous questions now awaiting determination in relation to international affairs, are immense, and show that radio is predestined to be the greatest single factor influencing the future of humanity in relation to national development and international reactions.

Ship Orchestra Broadcast from 3YA

THE orchestra of the R.M.S. Rangitiki will provide the instrumental programme at 3YA on Friday, October 16. This is a combination of five excellent players under the conductorship of Mr. G. W. McDermott. In the previous trip of the Rangitiki the ship's trio (as it was then) played most acceptably for 3YA, submitting a programme of bright, forceful music. On this occasion the quintet will include among its items the march "Rangitiki" composed by Mr. McDermott. Some of the latest London hits will also be played.

Is Television Here?

An Authoritative Prediction

ARRANGEMENTS have just been completed whereby the National Broadcasting Company of America will convert the eastern half of the 85th floor of the Empire State Building in New York into the world's highest television laboratory. The height is approximately 1000 feet above street level.

The new sight and sound studios atop of the Empire State Building will feed directly into aerials supported by the airship mooring mast, the top of which is 1250 feet high. There are no very tall buildings in the vicinity, so the location should be ideal.

M. H. Aylesworth, president of the N.B.C., in making the announcement, said that the reason for the acquisition of the new site was for the purpose of bringing television out of the laboratory and beginning experimental sight and sound broadcasts. He predicted that after about a year of intensive experimental tests under actual working conditions, television would be developed for public use.

"This does not mean that it will be a hundred per cent. perfect," he said, "but television will at least have reached that stage where refinements of

"Wizard" Smith to Attempt Speed Record

Possibilities of Broadcast

"WIZARD" SMITH, the famous Australian racing motorist, will arrive in New Zealand on November 20 for the purpose of attempting the world's motor speed record. The scene of the exploit will be Ninety Mile Beach, near the North Cape. The date and time of the race cannot, of course, be fixed yet, being dependent on the completion of arrangements and the weather conditions. The Broadcasting Company is investigating the possibilities of broadcasting a description of the event.

Programme Jottings

AN interesting renewal of an old acquaintanceship happened in 3YA studio on the occasion of Mr. McDermott's previous visit. He then met Mr. Harry Glaysher, with whom he had studied at Kneller Hall, the famous Army Music School, over a score of years before.

Mr. Ronald Chamberlain, Examiner for Trinity College, London, will be speaking from 4YA, Dunedin, at 9 o'clock on Wednesday, October 21.

On October 29 a concert by the Wanganui Garrison Band will be relayed from Wanganui and broadcast by 2YA.

technique will be required rather than the development of new basic principles."

This, together with other public statements which have been made recently by R.C.A. officials, is taken to mean that, after several years of work in secret, the R.C.A. expect to have, in about a year's time a system of television which will be acceptable to the public. No details of this system are at present known, except that it is a cathode-ray system, for the development of which Vladimir K. Zworykin has been largely responsible.

WHY?

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Radio on Pitcairn Island

CAPTAIN E. H. WILSON, now a retired officer of the U.S.S. Company, sends an interesting note to Mr. Clive Drummond, announcer at 2YA:—

"Passing through Pitcairn Island in August last I had the pleasure of installing a presentation six-valve set there for the benefit of the community. You will be gratified to know that even in that far-flung outpost they have learned to appreciate 2YA and were thrilled when they heard your voice giving news items, following which the clock boomed out 8 p.m. and then musical items. It was a glorious moonlight night with about a hundred islanders listening-in to 2YA for the first time in the history of Pitcairn. Many of the islanders have never been off Pitcairn and had never heard anything of the kind before."

Temporary Breakdown

2ZW Assists 2YA

AT a few minutes to six on Monday evening, 2YA suffered an unfortunate breakdown, and as it was obvious the damage could not be rectified in less than several hours' time, station 2ZW was immediately advised. That station, although not due to go on the air till 7 p.m., immediately stepped into the breach and provided dinner music from 6 to 7, as usually given by 2YA, and followed with a summary of the more important news of the day, then continuing its own dinner music for a time prior to resuming its ordinary programme. The courtesy and promptitude of the aid given by 2ZW was much appreciated by station 2YA and listeners.

A Talk on Wool

A TALK of outstanding interest to farmers will be given from 2ZW on Saturday evening next, October 17, by Dr. T. Marwick, an English scientist and authority, engaged in research. His observations will be of special value to wool producers, who are asked to advise their neighbours of the event and time.

A DX CLOCK

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NO!
Pulmonas
PASTILLES are INVALUABLE



Dorothy Filkins

Dorothy Filkins came prominently before the musical people of Christchurch in 1928, when she won the £50 prize given by the Society for Imperial Culture for her compositions of "Prometheus Unbound" and a string quartet. But she has many other works to her credit—cello, violin and piano pieces, as well as songs. Compositions by Miss Filkins will be an important feature of 3YA's programme on Wednesday, October 21, and additional interest will be added to the items by the fact that Miss Filkins, who is a talented pianiste, will play several of them herself. Miss Filkins received her musical education in Christchurch, and is at present studying for the degree of Mus. Bach.



—Stephano Webb photo.

Our Mailbag

Dinner Music.

UNDOUBTEDLY it is hard to please everyone, but still we must air our grievances. The dinner session may be all right according to 99 per cent. of the people—highbrows we will presume—but, sir, do you think the R.B.C. studies the 1 per cent. Every evening between 6 and 7 we have one mass of "selections" and "movements," and if by any chance we should have a light selection it is generally a dance item that is well out of date. I suggest that they draw upon their dance programmes for some up-to-date records for the dinner session. Why do we never see any complaints about too much jazz during the session? The reason is obvious: classical 99 per cent., jazz 1 per cent. and out of date. Regarding the evening session, why not 15 minutes of dance items similar to the international programmes, during the popular programme? Do you ever think it is likely that 2YA will open up for a breakfast session, between 7.30 and 8.30?—One Per Cent. Jazz.

Likes and Dislikes.

I DON'T like these women singers; they are all as bad as one another, with one or two exceptions I'll admit, but the rest have to be heard to be believed. The piano bangs out, they sing, you cannot understand a word they say, and next thing we hear, "we were entertained by the brilliant songster, Mrs. or Miss So-and-So." It's funny I'll say, but it's no joke to listen to, but there's a silver lining: I just twiddle round to another station. The R.B.C. have been jolly good sports to take on the control, and they deserve cheers. I disagree with the way they arrange their stations' programmes, and I think about once a week from 8 to 11 or 12 a dance programme should be given. The company were the pioneers and should be allowed to continue, as they have gained experience. Certainly they know more about it all than we do, but I think that when a person

buys a radio he buys it for entertainment, and it's hard when he has to pay all expenses incurred and not get what he wants. That is what I think about it, but I'm just one, and do not expect anybody to take any notice of me.—Camera (Hastings).

A Plea for Lighter Music.

I HEARTILY agree with "Third Grid" and "Second Grid" that we should hear much more solo and popular instrumental music over the air from 2YA. This would greatly diversify the programmes and make them more interesting; and even the classical programmes would not suffer any "come-down" if they included an occasional, or rather a regular, bracket of clarinet or cornet solos. There should be no difficulty about this as both the orchestras at 2YA contain the necessary soloists. Why are they so seldom heard? Why cannot we hear more of such artists as Mr. Lad Haywood (whose regular Saturday night items were such a treat a couple of years or so ago), the "Three White Coons" (an outstanding combination from a broadcasting point of view), Mr. L. Probert, and others?

With regard to the proposed chain of relay stations, it is my opinion, in common with a few other of your correspondents, that it would be much wiser to increase the power of the other YA stations to that of 2YA as, judging from the results of 2YA, it is practically certain that nearly every corner of New Zealand would be able to have a choice of two programmes at least. For instance, in our district at present 1YA and 3YA fade very badly, while 4YA comes in very clearly and steadily, but very weakly, seldom loudly enough for speaker except with a very powerful set. Thus the advantages of increased power are easily seen, while the disadvantages of the relay stations would be that they could not provide an alternative programme. The many new wavelengths necessary would mean more congestion in an already crowded ether. Although a supporter of the Broadcasting Company, I must say that the exceedingly low power of three of

Broadcasting in France

THE French postal authorities are at present engaged in sub-dividing a map of France into a number of broadcasting circles indicating service areas which could be adequately covered by stations of 60 k.w. power. When completed, the plans will be passed over to M. Guernier, the most radio-minded Premier that France has ever had, and it is believed that, thus armed, this energetic politician will soon press forward the new Broadcasting Bill, which has been languishing "on the shelf" for many months.

Revenue for the new scheme will be obtained through a valve tax and "a tax on apparatus collected monthly by postmen."

Expensive Experiments

THE International Broadcasting Union, which now includes almost every broadcasting organisation in Europe, recently held its General Assembly at Lausanne. Among the questions appearing on the agenda was that of electrical interference and the steps to be taken against it. In addition, the council resolved to pursue more extensively than hitherto the investigations which it has undertaken, both from the technical and the scientific standpoints, in regard to the field strength of the indirect rays radiated by transmitting stations.

the main New Zealand stations places them hopelessly out-of-date in these days when other countries recognise high power is the thing.—F.L.H. (Waverley).

You'll be SORRY

if you buy a radio without first investigating the "Ultimate." Why purchase an ordinary set when you can buy a 1932 receiver in 1931 that incorporates the wonderful feature of giving both Shortwave and Broadcast reception?

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The "Kestrel Three"

Constructor's Success

A CONSTRUCTOR from Hastings has some comments to make concerning the Kestrel III. In a letter to the technical editor, he says:—"I have had the Kestrel III going just three days, and my log is 14 New Zealand, six Australian, KMOX St. Louis, KGO San Francisco, and JOAK. KMOX is my first American. I picked him up Sunday at 4.50 p.m., when he was playing the last item. A few announcements about their Sunday programme (they were giving Saturday night's concert) followed. Reception was on the speaker, although not very loud, but clear as a bell. On twirling the dials round at 9.30 I heard a huge number of stations, but I do not bother about d.x. very much.

"I am using a double drum dial and a penthode in audio stage. These valves are much more brilliant than triodes. I find the set very selective, aerial about 60 to 70 feet, with a small insulated lead to set. I am 1050 feet up, in the country, so there's no static, although slight fading."

HAVE you renewed your subscription to the—

"Radio Record and Home Journal?"

Box 1032, Wellington.



Kaiapohia Pah

Schedule of Commemorative Celebrations

FOR the commemorative celebrations in connection with the centenary of the sacking of the Kaiapohia pah by Te Rau-paraha, many hundreds of Maoris, members of all tribes and descendants of great chiefs and warriors, are expected to assemble at Kaiapohia on Friday, October 23.

The Governor-General, Lord Bledisloe, and Lady Bledisloe have agreed to be present, provided nothing unforeseen occurs.

On the following day the Maoris, who will be accommodated under canvas, will set about the business of roasting bullocks and pigs in the traditional manner. Competitions, choir singing, hakas and pois have been arranged, and, considering the wealth of talent, the entertainment should be one of the most representative seen in the South Island.

On Sunday, October 25, services will be conducted in Tipene (St. Stephen's) by the Rt. Rev. F. A. Bennett, Bishop of Ao-tea-roa, and at Tuahiwi Hall by the Mangai. Piri Wiri Tua (Ratana). The service conducted by the famous Maori prophet will be broadcast by 3YA.

Monday, October 26, will be the big day. 3YA will be on the air from 10.30 a.m. Proceedings will start with a Powhiri to his Grace Archbishop Julius and other dignitaries. The arrival of their Excellencies the Governor-General and Lady Bledisloe is expected at about 10.30 a.m. The Vice-Regal party will be met by a guard of honour from the Rangiora High School cadets. It will then proceed toward the Gates of Turakautahi, where massed teams will Powhiri them.

Massed hakas and poi teams will take part in the entertainment of welcome, at the conclusion of which the party will go to the pah to be met by the Upoko Runanga (E. M. Te Aika) and welcomed.

His Excellency the Governor-General will dedicate the memorial fence that is now being erected along the front of the site of the Kaiapohia Pah behind the existing memorial to the founder of the pah.



2YA Dramatic Committee Meets

AT a meeting of the 2YA Musical and Dramatic Committee held on October 5 there were present Messrs. E. Palliser (chairman), L. J. Retaillick (Apollo Singers), W. A. Jamieson (Wellington Theatrical Society), H. B. Robb (Orpheus Musical Society), R. Lyon (Savage Club), I. M. Levy ("Radio Record"), V. R. Bennett (Harmonic Society), Dr. I. L. G. Sutherland (W.E.A.), Captain Galloway (Commercial Travellers' Choir), Mrs. D. Basham (programme organiser), Mr. J. Ball (station director).

Mrs. Basham submitted her report on programme arrangements.

Several suggested programme features were advanced.

The chairman announced that the last community singing would take place on the evening of Tuesday, October 13, and that there would be a farewell sing on the wharf on November 3 as a compliment to Mr. Albert Russell, who is going across to Australia.

The chairman stated that on the previous Wednesday the collections had totalled £42, including £15 from listeners, demonstrating how popular the sings are. To date 1020 song books have been sold.

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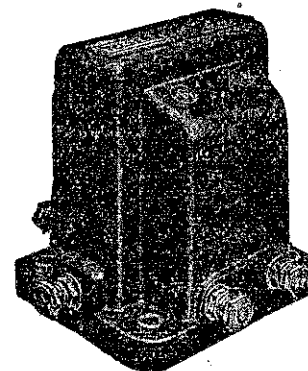
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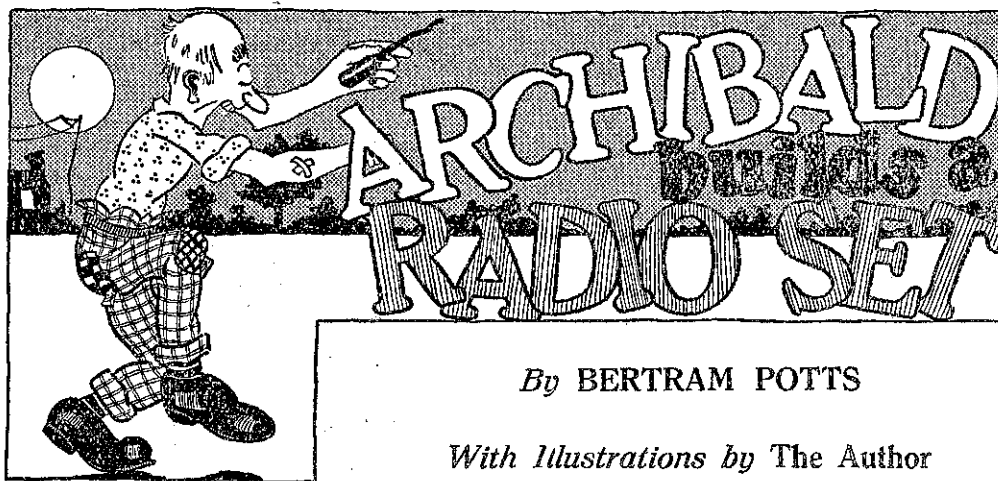
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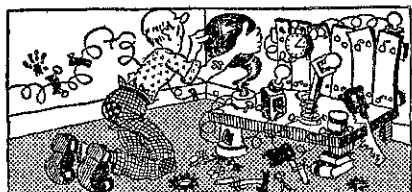
WELLINGTON



WHEN I read the "Radio Record" a few weeks back, I said to meself: "I'll blinkin' well 'ave a go at makin' this 'ere crystalized set!" I didn't understand some of the lines in the diagraph what yer drew, and think yer made a mistake somewhere. Anyways, I followed yer instructions as best I knew 'ow.

It was a pity I started to build the set on a Sunday, the shops bein' shut, so I 'ad to take the clothes line down to get some wire, which the missus was scotty about, she not bein' interested in science, as it were.

Another thing what was awkward at first—I didn't 'ave any of the rodeo globes yer mentioned, so I 'ad to use the 'all light, as well as the wash'ouse and bathroom globes. Bein' fatter than the rodeo globes, it was a bit awkward fittin' them into the set, so I 'ad to alter the shape of the set a bit to get the globes in, and as I did not



'ave a soldierin' iron, I 'ad to tie the extra wire together with me fingers, which made the set look ugly, but it's results what count.

And I didn't 'ave no proper condenser, either, so I 'ad to use an old condensed milk tin, with a bit of wire inside like what you 'ad in the picture. It 'as a small bulge in it, but if it causes distortion, I'll 'ave to straighten it.

When it come to the gridleak, that was a bit of a problem, 'because the griddle what me missus uses for cookin' don't leak at all. However, when she wasn't lookin' I tried to bore a small 'ole in it and accidentally chipped out a fair sized bit. I figured it out that it would be better that way, as the leak would be bigger, only it would be no good again as a griddle.

I was nearly stuck for batteries till I remembered I 'ad a couple of flashlight torches and some old batteries, which I rescued just in time from the dust-tin.

I got on fairly well with bits of an old set that a neighbour chucked out about eight year ago. The 'ardest thing was to decide what would make a good tickler as yer don't mention. I got a feather in the end and tickled the missus gently under the second double chin. She laughed good-oh and said I was an old fool, but what does she know about rodeo anyways?

The findin' of a choke was a puzzler, as the only choke I could think on was what yer eat—and I thought it would look funny 'avin' a wire stuck in a artichoke, only I didn't 'ave one. In the end I stuck a potato inside and it didn't look bad, bein' one of them red spuds, and matched the red label on the condensed milk tin. What with a feather and a potato, the set began to look like a fowl-run alongside a garden.

Now I come to think of it, I 'ad a bit of trouble at first with what yer call a "coupler," but as yer don't say a coupler what, I looked at the diaphram what yer 'ad drawn and saw a coupler arrows in the corner. When the kid wasn't lookin' I pinched two of 'is in the name of science. Anyways, I've told 'im over and over again how dangerous arrows is, so they come in useful.

I noticed, too, that yer said the currant went to the plate from the battery. We 'ad no currants, so I 'ad to use a raisin. I got the

biggest I could find to make sure. I don't know if a cracked plate is all right, for the one the missus lent me was cracked in two places. It was the one our 'Erbert used with ABC's round the edges. I made sure that the raisin come from the battery to the plate, by leavin' it on the battery,

for five minutes to get properly charged with electricity.

I was puzzled for a while about the word "anode," which yer used 'alf-a-dozen times or so, till it suddenly dawned on me that the printer must 'ave run short of spaces and made it one word. I couldn't think of any ode except a limerick what ain't proper, so I wrote one, as follows:

AN ODE TO RODEO!

I've built a set of odds and ends
With patience and with grit;
Marconi in 'is wildest dreams
Could never think of it!
There's bits of wood, and screws, and string,
That I put in for luck;
And last of all I wired them to
A wishbone from a duck!
I'll ask the neighbours to come in—
But I won't put them wise;
And when they 'ear the music come,
They'll 'ave a great surprise!



BERTRAM POTTS.

I COULDN'T find on the picture, what yer drew, where to put the ode, so I stuck it on the end of one of the arrows, so that anybody lookin' at the set would see it first pop. It was gettin' dark by the time I was finished, so I went down the garden, dug 'oles for the aerial sticks, and tied on the rest of the clothes line.

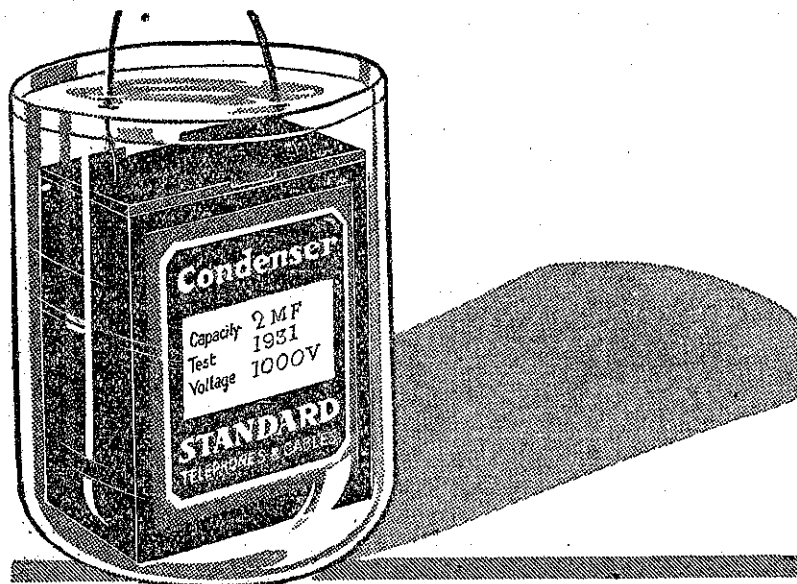
I danced down the road in great glee to get some friends along. Everything was ready for the great demonstration, but we got no result! Then 'Erbert noticed that yer 'ad marked the batteries A, B, and C, so I 'ad to borrow a pencil. I marked the batteries, like what yer marked—but it made no difference.

Then I realised that the station must 'ave stopped broadcastin' or broken down or somethin'—but I 'ave been waiting for a fortnight now for 2YA to come on the air again, and would be pleased to know when it is startin', as I am gettin' backache listenin' in. Yours 'opefully, ARCHIBALD.

P.S. The potato 'as got shrivelled up. Does that matter?

[In answer to a telephoned inquiry, we learn that 2YA has been on the air quite often during the last fortnight, so we think some small adjustment to your set will be necessary. We think your choke is doing its work far too well—slacken it off a little. You see, in using your own discretion you have substituted a vital part and introduced undesirable effects. If the set doesn't go after you unchoke it a bit you should see a reputable dealer.—Tech. Ed.]





What other Condenser would stand this test?

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Michael Faraday

His Letters and Correspondents

MICHAEL FARADAY, the immortal scientist whose centenary was recently celebrated, portrayed himself in his letters as perhaps no other scientist has ever done. He wrote an enormous number in his careful handwriting. Whether to one of his fellow scientists, to his beloved nieces or to strangers, no letter ever gives the impression that it was written perfunctorily or without real interest in the subject of the letter.

His first correspondent to whom he wrote a long series of letters between 1809 and 1817 was a young Quaker named Benjamin Abbott. Faraday, at the time, was a bookbinder's apprentice making electrochemical experiments with a little battery made of strips of zinc and copper coins. Abbott shared Faraday's passion for science, and the letters are interesting from this point of view alone.

They also throw light on Faraday's entry into the Royal Institution. There are some very amusing ones on the habits and defects of the lecturers he heard there. When Faraday went abroad with Sir Humphrey Davy, it was to Benjamin Abbott that he wrote of his difficulties with Lady Davy—how she insisted on treating him as a valet and how he only just refrained from returning home notwithstanding the pleasures of travelling.

But, above all, these letters to Benjamin Abbott are important for the light they throw on Faraday's character. It is in them that he makes his attitude to life clear to himself. We see him in these letters not at all afraid to say that he is trying hard to improve himself; he is humble enough even to account as one of the benefits of letter writing an improvement effected in his handwriting!

A contrast to these letters are those he wrote at the end of his life to Schonbein, a Swiss professor at Basle, who did very valuable work on ozone, and to his friend Tyndall. His first letters to Schonbein are almost entirely about scientific subjects, but as their acquaintance ripened, friendship coloured them. "After all, though your science is much to me, we are not friends for science only, but for something better in a man, something more important in his nature—affection, kindness, good feeling, moral worth."

This correspondence with Schonbein has a tragic interest, for in it Faraday recounts the gradual loss of his powers—his muscular weakness, his fading memory. In 1865, his last note to Schonbein runs thus:—"Again and again, I tear up my letter for I write nonsense. I cannot spell or write a line continuously. Whether I shall recover—this confusion—I do not know. I will not write any more to you. My love to you."

One of the best of Faraday's letters was written to a gentleman who kept plaguing him about table-turning and other "spiritualistic" manifestations:—

"Sir,—I beg to acknowledge your letter of the 3rd, but I am weary of the spirits—all hope of any useful result from investigation is gone; but as some persons still believe in them, and I continually receive letters, I must

bring these communications to a close. Whenever the spirits can counteract gravity or originate motion, or supply an action due to natural physical force, or counteract any such action, whenever they can punch or prick me, or affect my sense of feeling or any other sense, or in any other way act on me without my waiting on them; or working in the light can show me a hand, either writing or not, or in any way make themselves manifest to me; whenever these things are done or anything which a conjurer cannot do better; or, rising to higher proofs, whenever the spirits describe their own nature, and like honest spirits say what they can do, or pretending, as their supporters do, that they can act on ordinary matter whenever they initiate action, and so make themselves manifest; whenever by such-like signs they come to me, and ask my attention to them, I will give it. But until some of these things be done, I have no more time to spare for them, or their believers, or for correspondence about them. . . ."

Children's Sessions

From 2YA.

Monday.—There is to be such fun to-night. We have been promised a trip to London in the s.s. Tuwala, and we have received an invitation from King Neptune and his court to attend a celebration he has prepared for us when we "Cross the Line." Uncle Jeff and Kipling Lady will be among the guests.

Tuesday.—Last Tuesday, when Jumbo struck a match to light the studio fire for Aunt Molly the match lost its head at such treatment, and flared up at him. Jumbo said he was very sorry and promised to make amends by taking Aunt Molly and the children of Radioland to see the home of the matches, and find out all about how they are made. So listen to-night.

Wednesday.—This is Trafalgar Day, so we are to have a visit from Father Neptune, who will remind us about Nelson and his great victory. A band of special Cheerful Chirpers will sing us some jolly sea songs. Aunt Daisy will send out birthday greetings as usual.

Thursday.—Uncle George and Big Brother Jack are to take you on a trip to Africa. You will hear all about the children there, their school life, their customs, and their games. If there is time we will visit the jungle.

Friday.—To-night there is to be a trip to Ceylon, and while we are there we will visit the pearl fisheries, and our host, Mr. Keith, will tell us all about them. The children from Seatoun, who have been invited to come with us to Ceylon, have prepared a delightful programme.

Saturday.—A play about all the little people who live in Nursery Land will be given by Mrs. Jenkins. It is original and has been kindly lent to us by Miss Jenkins, the authoress. Aunt Molly and Uncle Jasper will be present to-night.

Sunday.—The Children's Evening Song Service by Uncle George, assisted by the Terrace Congregational Church, under the leadership of Mr. Mills.

Experiments with the S.G.

I HAVE been experimenting with the s.g. valve on both short-wave and broadcast for the past twelve months, and I find that enormous amplification can be obtained if they are in matched circuits. I have had four stages of shielded grid working O.K. I first used tuned anode, then parallel feed tuned grid. My first set was an s.g., coupled by tuned anode to an ordinary neutralised triode transformer coupled to det. It worked splendidly. I do not use regeneration on broadcast, as I consider it unnecessary with s.g. circuits.

My present set is not exactly the same as the "Outspan," although the circuit is fundamentally. Modifications are: 10-ohm resistances in the filament negative, rheo. in positive, coils and condensers shielded in earthed boxes. The coils I evolved from the article in the "Radio Record" on radio-frequency design.

They are: Tapped aerial coil coupled to 8255, first transformer 75 turns 24 d.s.c., 2in. former coupled to PM16, separately shielded, coupled to second transformer, detector, leaky grid, transformer to PM6 output.

The first coil has a primary of 25 turns of 32 s.w.g. wound doubled spaced over wooden matches placed over secondary. This provides the tight coupling necessary. The det. coil is 3in. with 35-turn primary wound the same as before. I have tried several different primaries, but these are easily the best.

One modification which I think would improve the "Outspan" is variable voltage control to the screening grids. It is worth all the regeneration put together; put a higher voltage tap on the screen grids, and adjust to below oscillation point; it also acts as volume control.

I get plenty of power out of my present combination, and I can get more by careful by-passing and chokes in high voltage leads.

Turn out more sets like the "Outspan"; they are near the ideal for New Zealand conditions, but bar regeneration, which does spoil the quality.

One thing I do not like about the "Record" is that sometimes Questions and Answers and the constructional page are omitted. Now that DX-ers have a magazine of their own you could cut that page out, as any radio enthusiast can tell you DX-ing is simply a matter of locality. A super-DX set will not perform in a poor locality. I have been DX-ing in many different localities, and there is a vast difference in radio reception; therefore your DX Competition is not a square deal.

I propose using a pentode with inductor dynamic. Could you supply me with value of audio choke or output device to match valve.—S.T.G. (Otago).

[You will find all the information relative to matching a pentode to a dynamic speaker in the articles by Mr. Dawson published some time back.—Tec. Ed.]

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"Radio Record," Box 1032,
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Musical and Dramatic Committees

Reports of Recent Meetings

MR. A. B. CHAPPELL, representative of the Dickens Fellowship, presided at the last meeting of the IYA Musical and Dramatic Committee, when there were present: Mesdames G. Bertram (League of N.Z. Penwomen), Joyce Parker (Auckland Piano Students' Association), Messrs. C. B. Plummer (Auckland Choral Society and Auckland Amateur Operatic Society), L. E. Lambert (Bohemian Orchestra), E. Blair (Workers' Education Association), O. Jensen (Auckland Society of Musicians), W. Colman (Royal Auckland Choir), J. F. Montague (Auckland Comedy Players), F. M. Price (Aeolian Orchestra), F. L. Armitage (Little Theatre Society), H. C. Trim (programme organiser at IYA), and L. C. Barnes (station director at IYA). Apologies for absence were received from Messrs. Tucker, Trask, and Graham.

The chairman cordially welcomed Mr. Armitage.

The station manager's report referred to the concert to be given by the Society of Musicians on Thursday, October 15, when Mina Caldwell, contralto, will sing. On October 22 the Orpheus Musical Club will give a programme, and the Jubilee Institute for the Blind on the 23rd. On the 28th, Eva Stern (who is Mrs. Paykel) will give two short pianoforte recitals. She was on the staff of the National Broadcasting Company, America, and is a very fine pianiste. Mr. Rex Harrison (baritone) will be appearing on October 30. On November 3 it was hoped to rebroadcast the Melbourne Cup. On Wednesday, November 4, "The Doge of Venice," a three-act radio play by Dr. George de Clive-Lowe, will be broadcast, and the Leys Institute Orchestra's concert on the 5th.

A new series of W.E.A. talks will commence on October 13, the first of the series being given by the Rev. Wm. Constable, M.A., who is taking for his subject "Bernard Shaw." Mr. Blair said that the W.E.A. was endeavouring to form listening groups in country districts and other districts, and also to have a summary of each lecture printed in the "Radio Record," to help in the understanding of the lectures.

After a general discussion on broadcasting affairs, the committee adjourned till November 6.

3YA Children's Session Advisory Committee.

MR. D. E. PARTON, representative of the Y.M.C.A., presided at the meeting of the 3YA Children's Session Advisory Committee on October 5. There were present Mesdames E. C. McLaren (National Council of Women), J. Schenkel (Mothers' Union), W. H. Meddings (Y.W.C.A.), D. James (Welsh Society), and Messrs. E. J. McElldowney (Y.M.C.A.), W. A. Rumbold (Headmasters' Association), C. S. Booth ("Chuckie"), J. Mackenzie (station director, 3YA), and Miss M. Hall ("Aunt Pat"). An apology for absence was received from Mr. E. J. Ward.

Mrs. McLaren brought up the question of broadcasting control, and after discussion moved the following resolution, which was carried: "That this committee endorses the sentiments expressed by other advisory committees in connection with the future control of broadcasting."

3YA Church Service Committee.

A MEETING of the 3YA Church Service Committee was held on October 6, there being present, Dean Julius presiding: Rev. T. W. Armour (Presbyterian), Rev. Stevens (Church of Christ), Mr. J. Mackenzie (station director, 3YA), and Mr. O. S. Booth (secretary).

Matters mainly of a routine nature were discussed and arranged.

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News and Views of the D.X. Club

Answers to Correspondents

"Country Lad" (Gore): Yes, if you heightened your aerial poles to 40 feet and increased the span to 60, you would get better results. An article describing methods of attaching headphones to an all-electric set appeared a short while ago. DX-ers are divided in their opinions as to whether phones are an advantage for long-distance work.

TDXC (Oamaru): Full particulars of the Transcontinental DX Club have appeared in the "Radio Log."

DX26W (Ohakune Junction): A list of the main European stations, giving frequencies, wavelengths, and interval signals, will be published in the next issue of the "Radio Log."

DX14 (Pahiatua) and others: Your letters are being held over for publication in the next "Radio Log."

"A.E.S." (Wellington): It will be quite in order for you to print your club number on your DX forms. Yes, we would like to see a copy.

"W.H." (Onehunga): Your log is only fair. It seems that your locality is unfavourable.

S.C. (Pukekohe): We value DX-ers' opinions too much to ask them to identify a carrier wave. They might resign in a body.

DX38A (Motiti): You might let us into the secret of the frequency on which you logged JOAA.—B.W. (Stratford).

Addresses and Addresses Wanted

"Country Lad" (Gore) wants address of station 3TFO.

Identification Wanted

For the past two weeks I have been listening to a station, I think foreign, on approximately 276 metres (1080 kc.). The following are the items and times heard:—September 26, 5.30 to 5.50 a.m., piano solos; October 1, at 5.15 a.m., soprano with violin obbligato. At 5.20 a violin solo, followed at 5.40 by a soprano with

violin obbligato. At 5.30 a.m. on October 2, a man and woman were speaking, evidently giving a lesson in English. This took the form of a description of a house and its contents.—"Riser" (Dunedin).

Station on about 1280 kc. (234 m.) between 3KZ Melbourne, and 2NC Newcastle, heard on September 30 at 11.50 p.m. Two soprano solos, "Loch Lomond" and "The Bluebells of Scotland" were heard, followed immediately by "The Last Rose of Summer."—L.M. (Auckland).

Europeans heard on 1235 kc. (243 m.) and 885 kc. (339 m.), on Oct. 5 from 5 a.m. From the former, guttural speech,

town or country. The following are some of the items I heard: 11.27 p.m., "When Your Hair has Turned to Silver"; 11.38 p.m., "Be Careful of Your Conversation on the Telephone"; 11.56 p.m., "I'm Dancing with Tears in my Eyes"; 12 midnight, "Little White Lies." There was no fading. It is puzzling to know why he made no station announcements. It was certainly not 2ZP or 3ZR.—"Maru" (Napier).

What station did I hear on October 8 on KOA's wavelength, between 2BL and 3ZR? I heard him at 7 a.m. with an orchestral item, followed by a vocal

of J.P.C. (P.N.). However, I think your clock was 10 minutes fast.—B.W. (Stratford).

DX58A (Motiti): Your stations were 2AE and 2AC. Mr. Patty (2AE) was testing the Gisborne Harbour Boat's transmitter under his own call with another Gisborne amateur, 2AC. Mr. R. G. Patty's address is 55 Salisbury Road, Gisborne.—DX24HB (Waipawa).

L.M. (Auckland): 3BA, Ballarat Broadcasters Pty., Ltd., Ballarat, Victoria, operating on 221 metres (1355 kc.).

DX400C (Invercargill): Station on approx. 380 metres (790 kc.), Radio Toulouse, France. That on 239 metres (1255 kc.) is Nuremberg, Germany. Zurich, Switzerland, and San Sebastian, Spain, both operate on 459 metres (652 kc.).—T.D.X.C. (Oamaru).

Are YOU a Member of the DX Club?

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

singing and a band selection were heard. At 5.50 a cuckoo chime sounded. The latter station was broadcasting a vocal duet, apparently in Italian, from operas, both at R7.8.—"Maru" (Colac Bay).

Station on dial reading 113 (221, Gisborne 112, 2ZP, Invercargill 112½) heard at 5.39 p.m. on October 4. "Where the Wind Blows," an orchestral number with vocal refrain, followed at 5.56 p.m. by "Eleven More Months and Ten More Days." At 6.4 p.m. a trombone solo with orchestra was heard. Announcer mentioned Havana and counted one, two, three, twice between each item.—DX58A (Tauranga).

What station heterodynes KDB. Santa Barbara? Would Mr. Ellis please give me some particulars of the best Canadians to be received at the present time (excepting CJOR)?—N. Jenkins (Master-ton).

An early morning station on approx. 265 m. (1120 kc.). First heard at 5 a.m. with a woman talking in what I thought was German. A man then made a short announcement and organ music commenced.—H.F.A. (Masterton).

I listened to a station on approximately 820 kc. (368 m.) from 11.17 p.m. to 12.22 a.m. on October 3 and 4. The signals were coming in at R9, QSA5. A man announced the item, but no reference was made whatever to any call

item. At 7.15 a piano was followed by a vocal duet comprising several tunes, including "Mademoiselle from Armentieres."—S.C. (Pukekohe).

American often heard operating on Fridays, 6 to 7.30 p.m., on approx. 1250 kc. (240 m.), just below KFOX. Call sounds like KPAC. Generally plays request numbers.—W.H. (Onehunga).

Station on approximately 190 m. (1530 kc.)—certainly not an American. I have heard him often, but cannot secure a call. He is just below 2AY, Albany.—"Static" (Nelson).

On approximately 368 m. (790 kc.) a station comes in every morning between 5 and 6 a.m. at an average strength of R4. Music is similar to that radiated by Bangkok—all reed and stringed instruments. I have never heard singing or a call, and there are only momentary spells between the items. He signs off abruptly at about 6 a.m. Could he be RAJ5, Seville, Spain?—"Digger" (Hamilton).

Stations Identified

DX8HB: Your early morning stations are 1225 kc. (245 m.), Kracow, Poland; 1120 kc. (268 m.), RAJ13, Barcelona, Spain; 1085 kc. (276 m.), Heilsberg, Germany; 780 kc. (384 m.), Toulouse, France; 850 kc. (353 m.), Graz, Austria; 1000 kc. (300 m.), Huizen, Holland. (Please note these are only suggestions.) **DX64A (Mokan):** WFAA verified my report in quick time and also sent an American station list. **DX 34NW:** Station on 1190 kc. (252 m.) was 2ZD, Masterton, 2½ watts. They are on every morning excepting Sundays from 7-9 a.m.—N. Jenkins (Masterton).

"Hydro" (Napier): You heard TDR. Deyenport, Tasmania. I picked him up on October 4 and held him for 1½ hours. He put over a call for the special benefit

DX Topics

Change of Address.

ACCORDING to a latest verification, WENR, Chicago, has changed his address. The new one is: National Broadcasting Company Inc., Merchandise Mart, Chicago.—"Red Bird" (Wellington).

JOHK Schedule.

ON October 1 I logged 3ZC, Christchurch, testing on 1250 kc. (268 m.). Why do all the "B" class stations crowd on the lower wavelength? It is now impossible to listen in comfort to any station on that part of the dial. A verification received from JOHK recently states that they broadcast on 770 kc. (389 m.), with 10 k.w. aerial input. Schedule 6 a.m.-9.40 p.m. week-days, 9 a.m.-9.40 a.m. Sundays and holidays.—DX80W (Tokomaru).

Recent Loggings.

RECENT loggings include WBOQ, New York, 860 kc. (349 m.); KFPY, Spokane, Washington, 1340 kc. (221 m.); KOIN, Portland Oregon, 940 kc. (319 m.); and 2KO, Newcastle, approx. 1110 kc. (213 m.). I recently received a verification from 4BC Brisbane after waiting five months, so it pays DX-ers to be patient. I see you have included a few more Aussie "B" stations in the list of barred ones for the DX Competition. I think this is making things a little too hard, for, although I have an eight-valve commercial a.c. set, and live on the coast, I cannot receive some of the Aussies at anything like good readability.—DX10NW (Brunnerton).

On Reports.

IN a recent letter to the DX page 4ZP states that they receive about 50 reports a week, and that each card costs 1d. with postage a further 1d. I think most listeners send postage with reports. I forwarded them a report several months ago when they were asking for them and included postage, but I never received a reply. I also agree with the Editor that an RS signal does not mean maximum readability, even when QRN or QRM

RADIO GOODS What to Buy and Where

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RADIOLA RECEIVERS and Farmers' Trading Co., Ltd.,
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is absent. I have heard speech R max. but readability R2 owing to poor operation.—"Metre" (Huntly).

Identifying Europeans.

I AGREE with Mr. Ellis about 5AD and 5KA. I have yet to log the latter. However, I do not agree with his other suggestion that all Australians should be cut out, as many of them are very difficult to log in some localities. I also agree with 90 OC. (Dunedin) about guessers, but if anyone can tell me another way to identify European stations, except by comparing frequencies with other identified stations, I will be grateful to him. DX260C will have to give more particulars before we can help him as there are sometimes six European stations sharing the same frequency.—H.F.A. (Masterton).

Australian VK's.

DX240C, Dunedin: Verification has just been received from 6ML, Perth, which now operates on 264 m. (1135 k.c.). N. Jenkins (Masterton): I have heard from VK3GK, S. C. McLean, 6 Flood Street, Seddon, Victoria. The transmitter is crystal controlled with 20 watts input. Wavelength is 199.9 m. (1550 k.c.). 3GK was logged on September 6, and verification received Oct. 1. A recent card from VK3HB, Brighton Beach, gives their schedule as Thursdays and Saturdays from 11.30 p.m., and Sundays 8 a.m. to 10 a.m. and from 10.30 p.m. Melbourne time. Power is 25 watts and wavelength 214.2 m. (1400 kc.).—A.I.B. (Dunedin).

CJOR Logged Last Year.

IN the issue dated Oct. 2 several DX-ers report a Canadian station CJOR, Sea Island, Vancouver, British Columbia. I first heard this station on December 19, 1930, and later received a verification stating that this was the first authentic New Zealand report. Frequency 1210 k.c. (248 m.), and power 100 watts aerial input. KDKA, 980 kc. (306 m.), was heard on Oct. 4 at R7, QSA 3-4, reading letters and delivering messages to members of expeditions, etc. Call was given as KDKA and W8XK. In a recent verification from KWG, Stockton, California, power 100 watts, he remarked that my report was the best received from New Zealand. I would also like to support DX36A's (Otorohanga) suggestion that when European stations are listed, the call letters be given where possible, and also the identification signals. I have heard many of the early morning stations, but have identified none yet. I often hear one which broadcasts what sounds like a time signal with the usual pip, pip, etc., followed by a longer "peep," this being repeated a few times. Does any station use this as an identifying call?—C.V.B. (N. Auckland).

Concerning Aerials.

G. W.B. (Birkenhead): In my opinion the oblong-shaped aerial you propose to erect will not be as good as an efficient Beverage. I have tried eight chains of wire in a "Z" shape and have found that the same length straightened out gave much better results. Has any DX-er in Christchurch heard CJOR, Sea Island, British Columbia, lately? I heard him between 2YB and 3DB.—DX23MC (Christchurch).

Postage to Japan.

AMONG a batch of verifications recently received from Japan, one from JONK. Ngana, has a P.S. which reads as follows: "For your information we might perhaps just mention that almost every letter from New Zealand to radio stations in Japan has insufficient postage, and we have to pay 4 sen as a penalty in order to accept such letters. This is because such letters have only 2d postage instead of 2½d." I should be pleased if you will give this information prominence, as DX-ers generally have no desire to place the stations they write

to to extra expense, but unknowingly do so owing to lack of knowledge of postal charges to foreign countries.—DX6MW (Westport).

Two South Africans Logged.

RECEPTION has been good in the Hamilton district lately, but early morning stations are fairly weak. Bratis-

A Request from KGMB

FOLLOWING is an extract from a letter received from the manager of station KGMB, Honolulu, which operates on 1320 k.c. (227 metres):—

"We usually receive twenty-five to fifty requests each month from your part of the world asking for verification of reception of KGMB.

"May we ask you to impress on those writing us that they endeavour to give us names mentioned in sponsorship in preference to titles of songs or talks, and, above all, the make of receiver used. Such data is valuable in contracting the sponsor for new or repeat business, as you know we of U.S. and possessions run our broadcasting stations for profit by selling programmes."

This station's new address is: Honolulu Broadcasting Coy., Ltd., 6th Floor, 119 Merchant Street, Honolulu, Hawaii.

lava and Bolanzo are both good. My latest loggings include CJOR, 1BZ, on 453 m. (662 k.c.); 2TJ, South Africa, on 452 m. (664 k.c.); and 2TC, Cape Town, on 361 m. (830 k.c.). The last two were not very strong, but I heard sufficient to take notes and send for verifications. I have recently received a card from HSPI and 4BC. I wish to thank those DX-ers who have assisted me in identifying stations for which I now have definite verification.—"Dig-ger" (Hamilton).

3ZC, Christchurch

Broadcast Schedule

ONE of the most popular B stations in the South Island is 3ZC, Christchurch, owned and operated by the 3ZC Broadcasting Service, Limited. A generous schedule providing for transmissions occupying over thirty hours weekly is maintained, while the programmes are always bright and varied. Station 3ZC transmits from Edison Hall, 230 Tuam Street, Christchurch, every day, including Sunday. The power used on the broadcast band is 250 watts. Recent improvements have been made in the plant until the modulation and quality of the transmission now reach a very high standard. The station can be received at good loudspeaker strength during the evening from Hamilton, Palmerston North, Gisborne and Napier in the north to Dunedin in the south. Good loudspeaker reception has also been obtained in Invercargill and Auckland. The schedule, which has been altered recently, is as follows:—

On 1200 Kilocycles (250 m.).

Monday: 10 a.m.-11.30 a.m.; 12.0-2 p.m.

Tuesday: 10 a.m.-11.30 a.m.; 12.0-1.30 p.m.; 2.30 p.m.-4.30 p.m.; 5.45-10.15 p.m.

Wednesday: 10 a.m.-11.30 a.m.; 12.0-2 p.m.; 7.30 p.m.-11 p.m.

Thursday: 10 a.m.-11.30 a.m. 12.0-2 p.m.

Friday: 10 a.m.-11.30 a.m.; 12.0-2 p.m.

Saturday: 10 a.m.-12.30 p.m.

Sunday: 10 a.m.-11.30 a.m.; 6.0 p.m.-7 p.m.; 8 p.m.-10.0 p.m.

In order to secure a contrast to 3YA's Sunday broadcasts, there are no church or religious transmissions on that day. The 6-7 p.m. session consists of dinner music.

On 6000 Kilocycles (50 m.).

Wednesday: 3.0-4.30 p.m.; Friday, 7.0-8.30 p.m.; Sunday, 7-8 p.m.

Australian Programmes

N.Z. Standard Times

Wednesday, October 14.

STATION 2FC.—9.40 p.m. and 10.31 p.m., Muriel O'Malley, contralto; 9.58 p.m. and 10.58 p.m., Clement Q. Williams, baritone; 10.6 p.m. and 10.51 p.m., Haydn Beck, violinist; 10.13 p.m., Beatrice Tange, pianist, and the N.B.C. Orchestra.

2BL.—9.30 p.m., 9.53 p.m., 10.48 p.m., and 11.20 p.m., the Rainbow Choir; 9.45 p.m., 10.30 p.m., and 11.30 p.m., the Quine, popular songs.

Popular Three, instrumentalists; 9.42 p.m. and 11.27 p.m., Nancey Stewart, monologues; 10 p.m., A. B. ("Banjo") Patterson, in "Word Pictures of Men and Manners Outback"; 10.44 p.m., Carlton Fay, novelty pianist.

Thursday, October 15.

STATION 2FC.—9.30 p.m., 9.47 p.m., and 10.49 p.m., the A.B.C. Military Band; 9.40 p.m., 10.29 p.m., and 11 p.m., Molly de Gunst, soprano; 9.57 p.m. and 10.35 p.m., Clifford Lathlean, basso; 10.4 p.m., Joyce and Inez Lang, harp and violin; 10.14 p.m., Scott Alexander and partner, in "Cold 'Ands," a short radio sketch.

2BL.—9.30 p.m., the "King's" Concert Party, broadcast from the Anzac Rifle Range, Liverpool.

Friday, October 16.

STATION 2FC.—9.30 p.m., the annual smoko of the League of Ancient Mariners of N.S.W.

2BL.—9.40 p.m. and 10.44 p.m., the Neapolitans' Vocal Quartet, 10 p.m. and 10.34 p.m., "Cash and Carrie," entertainers; 10.10 p.m., Vincent Aspey, violinist; 10.7 p.m., Molyneux Philips and Peter Sutherland, tenor and basso.

Saturday, October 17.

STATION 2FC.—9.40 and 10.35 p.m., Alfred Lennard, tenor; 9.57 p.m. and 10.42 p.m., Iris de Cairos-Rego, pianist; 10.8 p.m. and 11 p.m., Herbert Leigh, entertainer.

2BL.—9.30 p.m., 11.14 p.m. and 11.36 p.m., the Ashfield District Band; 9.40 p.m., "Piebald Philosophy," by Percival; 9.50 p.m., cornet solo; 9.53 p.m. and 11.7 p.m., Phil Smith, comedian; 10 p.m., description of boxing contest at Sydney Stadium; 11.43 p.m., Grace p.m., and 11.30 p.m., the Quine, popular songs.

AMERICAN REPLICAS

For American-type receivers there is a series of Philips Valves which can be used to give improved reception.

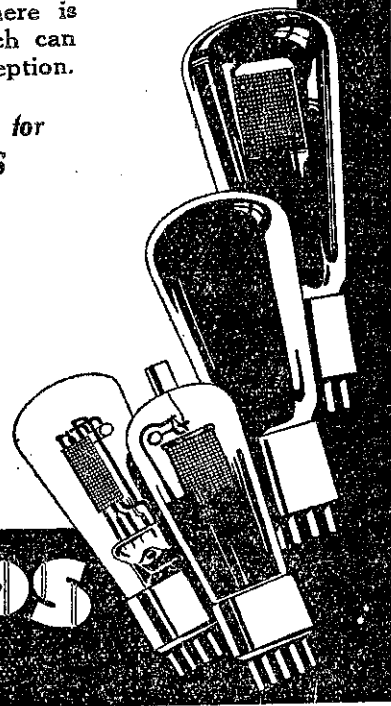
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QUESTIONS: ANSWERS

FRANK KEE

The Technical Editor will, through these columns, be pleased to help readers experiencing trouble with their sets. Queries are limited to three—for more than this a shilling fee is charged, and a similar fee is payable for queries answered by post. Supplying layouts, circuits and solutions of intricate theoretical problems is beyond the scope of this service.

A coupon must accompany all requests for information. Non-appearance of the coupon in any issue cannot be regarded as a reason for its not being used.

Address all queries, The Technical Editor, Box 1032, Wellington.

R.A.S. (Christchurch): We are sending you under separate cover full particulars of the DX Club.

2. The numbers on my dial go from 0 to 100. How can I find out the kilocycles and metres they represent?

A.: It is very difficult to do so from a dial that is reading from 0 to 100. Your only plan is to prepare a list of the stations you get and their frequencies. Then, for stations in between those you have already listed, you can more or less estimate the frequencies. There is no direct way of telling unless you plot a curve.

3. The distant pole of my aerial is 40 feet high, the lead-in 30 feet. The total length, including the lead-in, is about 90 feet and crosses an iron roof most of the way. Would it improve matters if I shortened the aerial 10 to 16 feet and avoided the roof?

A.: Theoretically, yes. Whether it would be any better in practice is another story. It would certainly be well worth trying.

P.A.B. (Auckland): I wish to build a one-valve amplifier and have 201A's and power valve. Are these suitable?

A.: Yes. Use one of the 201A's.
2. I have a 6-1 ratio transformer. Is this suitable?

A.: Yes. We do not happen to know the transformer, however, and cannot tell you the markings. Your sketch is correct.

VOLTAGE (Otago): Would I get better results if I used a pentode in the last stage and coupled it to an inductor dynamic speaker?

A.: It is very hard to say whether you would get better results or not. If you use a specially matching transformer you certainly would get better results. If you didn't use this transformer the chances are that your results would not be any better than they are at present. The pentode is a wonderful valve, but needs to be specially matched to the speaker to get the best out of it. An article on matching the pentode to a speaker appeared in the "R.R." a few months ago. You could have a specially-coupled transformer made to your requirements. The inductor dynamic speaker will give you better tone than the one you are using at present.

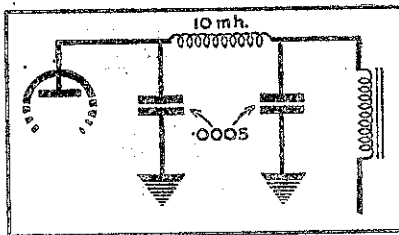
GRATEFUL (Oamaru): I have recently constructed the "Outspan Five" and have had good results with it. In the last stage I am using P625. Is this O.K.?

A.: P625 is the equivalent of UX245. If you have available 250 volts you are

getting the best out of your set. If not, the value is far too big P625A would be better.

2. I am troubled with a whistle.

A.: This is due probably to coupling between the stages. Use a choke and by-pass condenser in the lead to the plates of the r.f. valves. The circuit we show here for a filter in the detector circuit will possibly eliminate some of the



trouble. You use two small condensers on either side of the existing choke.

3. How could I even up my dials? Dunedin comes in at 90 on the 1st and 2nd dials and at 80 on the next.

A.: You need a few more turns on the third coil. Try five turns extra. You could make a soldered joint; there is no need to rewind the coil.

BANJO (Hawera): I have an American set using A615 first and second r.f., and detector A609, first a.f. B605 output. Could you suggest a better combination to bring in more volume and distance?

A.: Your combination is really quite good, providing your set can be neutralised with A615 in the first and second r.f.'s. If you can do this then you are getting the maximum from your set.

RADIO (Bay of Plenty): Why cannot I get stations under 330 metres? 2YA comes in all right, and also 1YA, but no others.

A.: It seems as though when you turn below 330 metres the vanes of your condensers touch and consequently short-circuit. Examine the condensers, turning them so that the dial reads below and above 330 metres, and note what happens. The valves you are using in the audio stage are quite satisfactory, and it would be hard to suggest a better combination.

ONE DIFFERENTIAL (Oamaru): I wish to construct the Differential One for short-wave. Where could I get a description of same? What would be the total cost?

A.: Build the "Sparrow Hawk One" described in the 1931 "Guide," using a .0001 tuning condenser (this is for short-wave only). The total cost with accessories would be £6 or £7.

MO (Pieton): What is the best combination of valves for a B.D. 4, working on an eliminator d.c. supply of approximately 90 volts?

A.: We can only give you the type, you must choose the individual valves yourself. Use type 221 in the r.f. and first

audio stages. A special detector of the 615 class, and as audio, a valve of the 605 type.

2. A slight hum at times comes from my d.c. eliminator.

A.: If it is only spasmodic, it is due to something on the line. You can try only an extra filter choke and condenser. We would advise you to look up the articles on the d.c. eliminator which were published in the "Radio Record" some time back.

KOOKABURRA (Napier): I wish to convert the "Sparrow Hawk One" into a short-wave adapter for an eight-valve super-heterodyne. What circuit could I use?

A.: You could use the parts of the super-heterodyne circuit described in the 1931 "Guide."

PUZZLED (Wellington): I cannot get the "Differential One" to oscillate when using an indoor aerial. Results are quite unaffected by the reaction condenser.

A.: This sounds like trouble in the condenser itself. Use the phones and cell method and test for short circuit between either of the two fixed plates and the moving plate. Also make quite certain that your connections are made to the right terminals.

2. Could this set pick up some of the Wellington amateurs, using an indoor aerial?

A.: Indoor aerials are not particularly satisfactory. You may, however, be able to pick them up.

3. If you substituted a grid leak and condenser for the crystal, we think you would do better. However, the circuit is not a good one. Why not build up a circuit such as the all-wave "Sparrow Hawk," and then you would be more certain of results.

Information Coupon

(To be used with all requests for information.)

Name of set

Number of valves

Name

Address

.....

.....

Nom de plume

To be kept in subsequent inquiries

Date

Please Note:—

- (1) Be specific and brief, tabulating, if possible.
- (2) Write legibly, and on one side of the paper.
- (3) We do not design circuits, but accept suggestions for feature articles

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Blue Prints—"Batteryless Neutrodyne," "Selective Crystal Set, Two Stages Audio," "6-Valve Neutrodyne, One Transformer and Two Resistance-coupled Audio Stages," "3-Valve Browning-Drake," "7-Valve Super Het," 1/6 each.

"Scott's Radio Handbook," 6th edition. 1/8.
"Q.S.T.," Sept. 1/10.

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TE ARO BOOK DEPOT

61 COURTENAY PLACE, WELLINGTON.

M. (Miramar): On my crystal set I have to tune to 180 to get 22W faintly. 2YA comes in best on 45.

A.: You have far too many turns on the secondary coil. Take off ten to fifteen at least. 2YA should come in at about 10 on your dial and 22W would then be at about 135. Do not take plates from the condenser. Damage the coil—it is cheaper.

HOOK-UP (Matamata): We do not happen to have a copy of the "Radio News" to which you refer. If you must build circuits that you cannot complete from overseas magazines, we are afraid we cannot help you.

2. Is there any means by which I can match r.f. transformers and band pass filters, without using expensive apparatus?

A.: The construction of r.f. transformers was described very fully by "Cathode" some months ago in the "R.R." We would advise you to look up this article

DX15W (Shannon): You have certainly been unfortunate with your transformers. However, why don't you try a really good make, as that will, we think, be the only solution to your trouble? There appears to be nothing wrong with your hook-up, and it is only a matter of striking a reliable transformer. We think if you communicate with the New Zealand agents for the transformer of your shortwave set which burnt out and explain the position, they may do something for you. Tell them how long you have had the transformer.

DYNAMO (Waitomo Caves): The volume control on my set is very unsteady. As soon as it is turned up a little the set begins to oscillate.

A.: The set is not neutralised properly. What valves are you using? You should be using 201A or 221 in the first two stages, and then have the neutralising condenser adjusted to balance them up. You will then find that that trouble will disappear.

2. A frying, bubbling noise is very often apparent in my set.

A.: This may be due to the set not being neutralised, or it may possibly be a burnt-out transformer. To test the transformer primary, use the phones and cell method described in "Questions and Answers" last week.

3. When building the "Outspan Five" regeneration coil, would it matter if the tickler coil was on a different former and put in a different place?

A.: Decidedly yes. The tickler coil must be adjacent to the secondary coil if regeneration is to take place.

COILS (Owhango): In replacing the present r.f. valve in my receiver with a screen-grid, can the original coil be used?

A.: Not without being altered. Why not add an extra stage of screen-grid as described in this week's "Radio Record"? If you want to instal the screen grid without the extra stage follow the lines laid down in the constructional section this week and couple the screen-grid valve directly to the detector.

2. Can I retain the tickler coil or must it be replaced by a differential condenser?

A.: There is no necessity to replace it with a differential condenser. You need alter the radio section of your set only.

R.I.A. (Dunedin): The sub-panel is the same as the base. This consists of a sheet of aluminium, 18 inches by 12 inches, turned down 1 inch all round. A further sheet of aluminium 12 inches by 7 inches must be used to separate the

radio stages as is shown in the sketch on page 29. Wood is not used in an electric set.

J.P. (Dunedin): I am making the "Outspan" with six valves and do not intend to use regeneration. How can the coils be matched to the condensers?

A.: The easiest way is to consult a table such as that appearing in the 1931 "Guide," and you can then get the coils for any gauge of wire and any former. If you start to work these things out by formula you will have a sheet of figures and will not get anywhere, unless it is muddled up. Once you have the size of the coils worked out, you fit them in your set and, when the set is operating, finally balance them up. This is done by tuning to a station at about the middle of the dial and slackening the condenser shaft. Then take the first radio condenser and move the variable plates slightly to see if the signals increase. If the signal can be improved, that coil is not matched to the others. Should the plates have to be pushed in slightly this coil has a lower inductance than the remaining coils. Leave it in this setting and go on to the next coil. Adjust this one and you will probably find that this condenser does not have to be so far and remove a few turns from the coil associated with it until the two condensers are at the same setting. Go right through the four stages until all the condensers line up nicely, then tighten the little screw holding them to the shaft and they are matched as near as possible. A .00035 condenser would require a coil of 87 turns if wound with 26 wire on a 2 inch former.

IN DOUBT (Lower Hutt): I want to use a power unit and battery charger as described in May of this year, into an "A" and "B" eliminator. Can I use the "A" supply suitably smoothed?

A.: Yes, you will need a smoothing choke comprising 300 turns of 18 d.c.c. wire on a core 1½ inch. The gap should be 3/16th. This is choke "K" "Radio Record" standard, as published in the 1931 "Guide." An electrolytic condenser must be used across the winding.

2. Could the same rectifying valve and resistance lamp be used?

A.: Yes.

VIMI (Manurewa): I am troubled with transmission hiss on an a.c. set employing the latest valves. Are the valves at fault?

A.: Transmission hiss is due usually to the valves themselves. The combination of valves you are using is one of the best and we would suggest that you get in contact with the agents who sold you the set. Probably the replacement of one or perhaps two valves would overcome the difficulty.

T.A. (Morrinsville): Do you know any one who has logged more than 40 stations on a one-valve set?

A.: Ask the DX Editor. He will probably tell you that there is a man in Palmerston North who has logged Europe on a one-valve—or perhaps he won't.

2. During rain I am troubled by a loud sizzling noise in the phones.

A.: This may be due to a power leak, or possibly to your aerial finding a short circuit to earth. Examine your aerial installation very carefully. Make certain that trees are not coming into contact with it.

3. Would the addition of another valve improve the volume and assist in bringing in distant stations? If so, what would be the approximate cost?

A.: It would certainly improve the volume to be had from your set, and does assist in bringing in the distant stations. The cost would be something like £2.

DISGUSTED (Whangarei): I have built the "Kestrel Three" and cannot get it out of oscillation. I cannot reconcile your sketch of the coil and the sketch in the book.

A.: Had you examined them a little more closely you would have seen that they were both the same, with the exception that the artist, in drawing up the picture of the r.f. coil, has shown the tuning condenser upside down. That, however, is only a very small detail. You will see that the top of the coil goes to earth, and to the moving plates of the tuning condenser. The bottom of the r.f., that is, the grid pin, is connected to the fixed plates of the tuning condenser (or the .0001 condenser, which is its equivalent), to the grid of the valve, and to one of the sets of plates of the midget condenser. If you will make sure that your connections are right, you will get the set out of oscillation all right, but you must have the high potential end at the bottom of the coil. We made that point very strongly in the article. For the

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sake of clearness in making our diagrams, we took the grid direct to the fixed plates instead of through the .0001 mfd. condenser. Of the two sketches you have submitted for the connection of chokes, the first one is right, as is shown in the book. There is no question about which we intend; it is shown clearly in all three illustrations. Very many have this set working, and no one yet has complained that the text and the drawings fail to agree. All your trouble is possibly because you have the high potential end at the top of the coil. If this is not so, then your best plan is to put a cocoa tin over the coil, and, if necessary, over the valve itself.

BALDY (Auckland): I recently purchased a five-valve set, complete with 6-volt "A" accumulator and 90 volts "B." Should I be able to get the Australian and foreign stations? I am using 221's in all stages.—Yes.

2. My aerial is 36 feet high, but doubles back upon itself.—Your aerial should be quite satisfactory, although we notice that at one point it is only 20ft. from the ground. This is a bit too low. Cannot you get it a little higher.

3. Would it be possible to convert the set into the "Outspan Five"? If so, what would be the cost? And where could I obtain the necessary particulars for the "Outspan"?

A.: The "Outspan" was described very fully in the "Radio Record" a little while back. A few copies are still available. It should not cost you very much to convert your set, probably only the cost of the new coils and the screen grid valves, a matter, say of £2 or £3.

KYE (Naseby): My six-valve commercial set has developed a decided whistle.

A.: Whistles can be caused by many reasons. Possibly it is due to the valves ageing or the set requiring re-neutralisation. If you do not know how to go about

this yourself, it would be wise to get a friend who knows something about the set to do it for you. The job is really simple, and was described in last week's questions and answers. It is, however, a case of locating the neutralising condensers, which are usually near the panel. Another reason for squealing can be a run-down "C" battery, a defective "A" or "C" battery, or both, and long leads to the "B" battery. A microphonic valve can also cause a certain amount of whistling.

2. Is it better to have an aerial running north-south, or east-west?

A.: The direction of an aerial has very little to do with its efficiency, providing it is of the normal "L" or "T" type.

SPARKS (Carterton):—I should like to know the number of turns for a broadcast coil to be wound on a Colvern coil former? I am using a .0005 for tuning.

A.: Use 26 gauge d.s.c. wire and on the secondary wind 65 turns. On the primary 20 turns, and on the tickler, if you are using a .00025 condenser, 30 turns. The tickler can be wound with a finer gauge wire, say, 28, 30, or 32.

2. The two audio valves have the same plate and grid voltage. Should this be so?

A.: No; the second last valve should not be biased. It is quite in order, however, to use the same plate voltage on this valve as on the last. If the voltage is high, that is, over 90, a small bias of 1½ volts should be applied. You need not worry about trying to put a lower plate voltage on the PM1. We have tested the set you speak of and have it perfectly satisfactory. Of the other makes you mention, some of the sets are made in America and others in Australia.

GLENOAIRN (Auckland): How is it I can get Christchurch and Sydney better than Wellington?

A.: It may be either your locality or a peak in your set. Some sets are more sensitive to certain frequencies than to others. This would account for the reception of some stations more strongly than others which are nearer and more powerful.

2. What is the best method of padding a transformer which hums?

A.: Padding should not be necessary. If a transformer hums it is an indication that either the insulation between the laminations is bad, or that the bolts need tightening. If you have to pad it use stallo and jam in strips between the frame and laminations.

W.E.A. (Dunedin): I have a six-valve commercial set with a "B" eliminator, and I can receive certain local "B" class stations on three points of the dial. The set is obviously not oscillating, as I can put my finger on the aerial terminal and there is not a click.

A.: It is not always possible to tell by this means if your set is mildly oscillating (it would not disturb your neighbours). It is possible that the strong carrier wave of the local station is causing beat notes which are interfering with your set. Other than this, it may possibly be reflected frequencies.

DX14W (Pahiatua) writes to say that he has found in the two sets he has had that PM6 makes an admirable r.f. valve. In reply we would say that, although it is an output valve, it sometimes goes well in another portion of the set, i.e., as detector. If used without bias, it will place a fairly big drain upon the battery. It cannot burn out any transformers in the radio stages because there are none there to burn out. He states that he has constructed the

(Concluded on page 29.)

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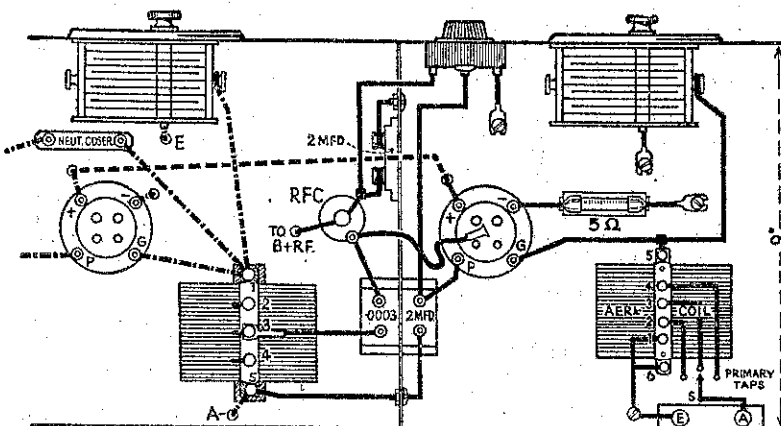
HERE are a large number of four-valve Hammarlund-Roberts sets scattered throughout the country, and many owners of these have requested a sketch and particulars of how to add a screen-grid valve. To supply all these individual inquiries would mean that we would have to go beyond the scope of "Questions and Answers," so there is only one thing to do, and that is to describe, in a special article, the circuit to be used.

It will be necessary to extend the set slightly, and this can be done in either of two ways. One is by making the adapter into a type of booster—not quite a regular booster, for these things are rarely satisfactory—but in to a special type, and keeping it more or less separate, though in juxtaposition to the set. The other and better plan is to dismantle the panel, extend the baseboard to the left, and rearrange the panel slightly in order to obtain symmetry. A certain amount of shielding must be introduced, and this preferably should take the form of three sides of a box, such as was described for the "Kestrel Three." This will be adequate and will prevent the set from going into uncontrollable oscillation.

After considerable experimenting we have come to the conclusion that the circuit shown on this page is the best for this particular hook-up. It will

be seen that in reality there are very few changes to be made in the ordinary H.R. circuit. Another coil will be necessary, and this must follow on the general lines of the other coils used in the circuit.

It will be noticed, too, that a system of tuned anode is used. This does away with the separate primary which, with a 3in. coil, wound on celluloid, as are the H.R. coils, would present certain difficulties in the making. By



Layout diagram of the H.R. with a screen-grid valve added.

lon or ebonite would do). The coil is to be wound with 22 d.s.c. and the winding length will be 1 7/8 in., representing 58 turns, but the number of turns must be the same as on the secondary of the existing aerial coil. A sketch of this is reproduced on the next page, so that there can be no mistake in the number of turns that are to be wound on the special coil.

If you are using any other type of coil in this position, the new coil must agree with it.

Three tappings are taken out as the winding proceeds. The exact positions are not important so long as three are spread well over the winding length. The beginning and the end of the special coil are at the bottom, while the three tappings are on the top. This is made quite clear by the diagram. If celluloid formers are used, two strips of thick celluloid, one above and one underneath the main coil, will serve to support a thin strip of ebonite upon which the solder lugs can be fastened. To these solder lugs are attached the wires going to the tappings. You can, of course, get this coil specially made. Do not forget to ascertain the number of turns now on the secondary of your aerial coil.

One special coil.

One .0005 tuning condenser. If you are using .00035 in your set now, your new one should be the same.

One dial; one UX socket.

One screen-grid valve.

One r.f. choke; one .0003 condenser.

Two 2 mfd's condenser, 250
working.

One 5 ohms filament resistance.

One 100,000 ohms potentiometer.

A panel 6in. longer than the one at present in use. A piece of baseboard 6in. x the depth of the existing baseboard.

A metal screen, bottom 6in. x the depth of the baseboard, side depth of the baseboard by the height of the panel, front 6in. x the height of the panel.

using a tapped coil, the impedances are more or less automatically matched and high gain can be obtained.

Another interesting feature is the method of volume control, by adjusting the screen-grid voltage. The use of a high value potentiometer does away with the need for an extra tapping on the battery, but its use imposes a certain drain on the batteries. This, although less than 1 m. amp. in magnitude, will, if draining continuously, shorten the life of the battery, certainly only a little, but it will be shortened. So it is suggested that, when the set is not used for long periods, the "B+" r.f. connection be removed. Simply disconnecting "B—" would have the same effect. Where an eliminator is employed the circuit is perfectly satisfactory in every respect.

Certain Difficulties.

IN presenting a layout sketch there are certain difficulties with which one must contend. In the first place, no two sets, unless they are made from blue-prints, will be exactly the same, so we have used as a basis the layout suggested in the 1930 "Radio Guide." This, at least in the r.f. stage, differs very little from the commercial kit set, and possessors of the latter should have no difficulty in making the suggested alterations.

These, by the way, are remarkably simple, and anyone who has not had previous experience of constructing should have no difficulty in connecting up the extra stage.

A list of components is given, and it is necessary, before one commences, to see that all these are present.

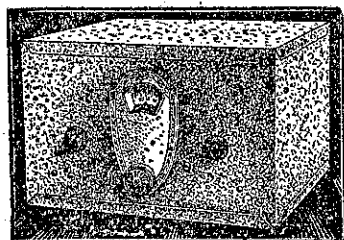
The Coil

HERE are the specifications for the special coil: You will need a three-inch celluloid former (cardboard, ex-

and make certain that the condenser, which is to go in the first stage, is exactly the same as the condenser now used in the first stage. If you do not know the size, describe it to your dealer as well as you can and count the number of plates.

Once you have the special coil, this is what you do. We shall presume you intend to dismantle the panel. Take off the panel and arrange the fittings on the new panel so that they are more or less symmetrical. You

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The Most Typical and Brightest Annual of All

That description aptly fits the current number of "Tui's Annual," as the special Christmas number of the "Exporter and Farm Home Journal" is popularly known. In its 160 pages are presented over £300 worth of literary and artistic skill, all secured on the competition system from New Zealand talent. The result is surprising—at once original and vital and eminently impressive. Now available from booksellers, this number is assured of a popular welcome.

"Gain in Loss" voices splendid acquiescence and courage in the face of bereavement. This is a very beautiful poem, and worthy of a place in any anthology of New Zealand verse, being calculated to bring heart and hope to those who grieve endlessly for the sound of a voice that is stilled.

*You are with God indeed, for God is here,
Amongst the flowers and grasses in this quiet place.
And I shall feel no heart-break, knowing you are near,
For in all loved things I shall see your face.
So dear it is to you, that you will come again
In murmuring trees and in dry rustling grass. . . .*

Una Currie is represented by "Rainbow's End," a poem of finished beauty in conception and treatment, and there are many lovely cameo-like verses scattered throughout, the pen-and-ink sketches interspersed displaying notable verve and ability.

In the realm of the short story, that difficult art, a veritable success is achieved in "Conquered." There is true pathos in this story of the Maori Hori, son of a rangatira, sitting on the sandhills in his dim old age, and musing of the days that are dead, stirring days of valorous strife, with gentle memories of a blonde, sweet pakeha maid. A beaten man, one of the conquered, his thoughts go back to the old tumult and fighting, and wild galloping rescue of a blue-eyed girl. This is an excellent story in its genre, and eminently acceptable in a magazine so essentially of our own Dominion.

On the humorous side there is a wealth of amusing song and story. "No Cows, Please," is a gay jibe at that useful and obliging animal which is, so to speak, the backbone of the nation. "Her Revolt" is very funny, extremely human, and will win many encomiums; while the short story "Percy—A Portent" is chock-full of uproarious situations, quite in the Wodehouse tradition, the effect being accentuated by pen sketches of the persevering porker, whose "tastes were catholic and always expensive, as he preferred asparagus and early tomatoes, in the flower garden his favourites being the choicer dahlia bulbs and the buds from John's pet roses."

In the Travel Section glimpses are afforded of the wider world that lies beyond our little islands; and in the Character sketches there is a masterly study of "Rock," a black-and-tan

sheep-dog, who, through stress and heat, a staunch friend of "Peter's Woman," who the stonyhearted will read unmoved. Of the Nature notes, vivid vignettes of thrushes, black shags and kingfishers, and to their haunts, and their ways and woe those who love them. Of man's trust and adherent, it is written in "Semper Fide"

*Black an' white an' tan noses poking
my dreams,
Steady eyes, wavin' tails, as the gleams,
Seem ter say, "Hello, Boss, here's to you;
Where the Boss goes, life or death too!"*

Practical and entirely helpful hints in "Profitable Farm Home Hobbies." The magazine will be of intense interest to dwellers in the country, but also to "town" as being desirous of turning talent to difficult days is concerned, why, to quail, "Aren't We All?" Many ingenious and alluring trifles, calculated to cash from the most hermetically sealed are described in detail; exact quantities, materials and methods given with precision. Poultry-keeping on a small scale is eulogised; "My Raspberry Patch" and "Cane Work" simplified, with full illustrations; soft-toy making made practical advice is given on photographing the making of brooches from fish-bone, an amazing amount of information and industry that will ensure satisfactory results.

Mr. Burnard, Fields Editor of the "Exporter," contributes an article on Seasons from a Weather Viewpoint, the writer sets forth his argument in a fashion that his conclusions appear unassailable; and another article on "Grass" by the same writer is an able exposition of an extremely important subject. The also illuminating contributions on Insular Agricultural Education, and Radio, will be appreciated by all thinking of the future, and much interest will be aroused by a series of "Useful Tips" on better farm management sent in by practical farmers, cover a wide field, ranging from Urea Waste Oil to Winter Shelter for Pigs.

The Illustrated Section is undoubtedly the most successful, and provides a series of exceptionally beautiful studies of characteristic New Zealand scenery. These comprise a comprehensive collection of original and delightful portrayals of the country in all phases of peaceful beauty and industry; the Garden Beautiful, with photographs of home, sweet home, the cottage and otherwise; and numerous interesting presentments of lovely girls and boys, many of them "pretty pictures," and all, without exception, vigorous, and of an infectious abandon.

For the Tinks there are stories, in a fascinating fairy scene; a handful of verses, with a very charming contribution by a 15-year-old contributor; puzzles, some Cautionary Tales which, it is hoped, will amuse an audience more than the juvenile one for which they are intended; and some truly delightful beginning "I went a-running over the hills."

Much good work appears in the miscellaneous section of the magazine; in the wistful pathos of "Clarence's Last Leave" tugs at the heartstrings. The drollery "Number Thirteen" rambles and will create endless chuckles, the mirth-provoking "Misunderstood" sent with a sense of fun and a management of dialogue that are irre-



THE EXPORTER ANNUAL

(inc. Tui's Annual), just published, is a provocative and delightful publication, in that it mirrors faithfully, humorously, poignantly, and with abiding sincerity, the lives, aspirations, and achievements of men and women who, in the hinterland of civilisation, live, move and have their being, and in their sturdy courage, probity, and industry provide the backbone of our young civilisation. From grave to gay, from lively to severe, their ideals and experience, wit and humour, are set forth in the Annual, so essentially the mouthpiece of those who live far from the madding crowd; and in the expression of life as they see it there is apparent a freshness of fancy, naivete of expression, and stimulating originality that cannot fail to intrigue the interest of even the most blasé dweller in cities or the most modern of the younger set.

For it is life that is depicted, without fear or favour. The wind blows on the heath, the cows come home, the laughter of children rings in the freshness of morning; and there is unconscious revelation of Eve, eternal mother of men, facing life selflessly with a laugh as she takes a hand with the milking, knits a jumper for Joan, mends Father's dungarees, or writes an unpremeditated paragraph for the Home Page of the "Exporter."

The Annual is catholic in its scope, and calculated to appeal to diverse tastes. Here is collated much that is of high quality from the human, and oftentimes the artistic, point of view. The poetry is vivid, occasionally immature, but of a high courage and humour, and now and again of a wistful poignancy:

*Let me go hence before my coward fears
Become realities I dread too well.
So, ere old Time has laid chill hands on me
And I can work no more for those I love,
I crave, oh Lord, this precious gift of Thee,
A place, before I'm old, in Heaven above.*



Deep-dog, who, through stress and heartbreak, is the staunch friend of "Peter's Woman," which none but the stonyhearted will read unmoved. Of great appeal are the Nature notes, vivid vignettes of magpies and thrushes, black shags and kingfishers, eagerly tracked to their haunts, and their ways and works noted by those who love them. Of man's trusty four-footed adherent, it is written in "Semper Fidelis":—

*Black an' white an' tan noses pokin' through
my dreams,
Steady eyes, wavin' tails, as the firelight
gleams,
Seem ter say, "Hello, Boss, here's good luck
to you;
Where the Boss goes, life or death, we go
too!"*

Practical and entirely helpful hints are given in "Profitable Farm Home Hobbies." This part of the magazine will be of intense interest, not only to dwellers in the country, but also to "townies," for as far as being desirous of turning talent to account these difficult days is concerned, why, to quote Mr. Boucicault, "Aren't We All?" Many inventions, and ingenious and alluring trifles, calculated to wile hard cash from the most hermetically sealed receptacle, are described in detail; exact quantities, tools and materials and methods given with meticulous precision. Poultry-keeping on a small and large basis is eulogised; "My Raspberry Patch" described; "Raffia and Cane Work" simplified, with the aid of helpful illustrations; soft-toy making made easy; while practical advice is given on photography, metal work, the making of brooches from fish-bones, and a truly amazing amount of information, anent methods of industry that will ensure satisfactory financial return.

Mr. Burnard, Fields Editor of the "N.Z. Dairy Exporter," contributes an article on "New Zealand Seasons from a Weather Viewpoint," in which the writer sets forth his argument in so convincing a fashion that his conclusions appear unassailable; and another article on "Grasslands" by the same writer is an able exposition of an extremely important subject. There are also illuminating contributions on Insurance, Agricultural Education, and Radio, which will be appreciated by all thinking people; and much interest will be aroused by a selection of "Useful Tips" on better farm management sent in by practical farmers, which cover a wide field, ranging from Utilising Waste Oil to Winter Shelter for Pigs.

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For the Tinks there are stories, including a fascinating fairy scene; a handful of verses, with a very charming contribution by a 15-year-old contributor; puzzles galore; some Cautionary Tales which, it is surmised will amuse an audience more mature than the juvenile one for which they were intended; and some truly delightful lines beginning "I went a-running over the hill."

Much good work appears in the miscellaneous section of the magazine; in especial, the wistful pathos of "Clarence Gets His Leave" tugs at the heartstrings. For sheer drollery "Number Thirteen" ranks high, and will create endless chuckles, as will the mirth-provoking "Misunderstood," presented with a sense of fun and skill in management of dialogue that are irresistible.

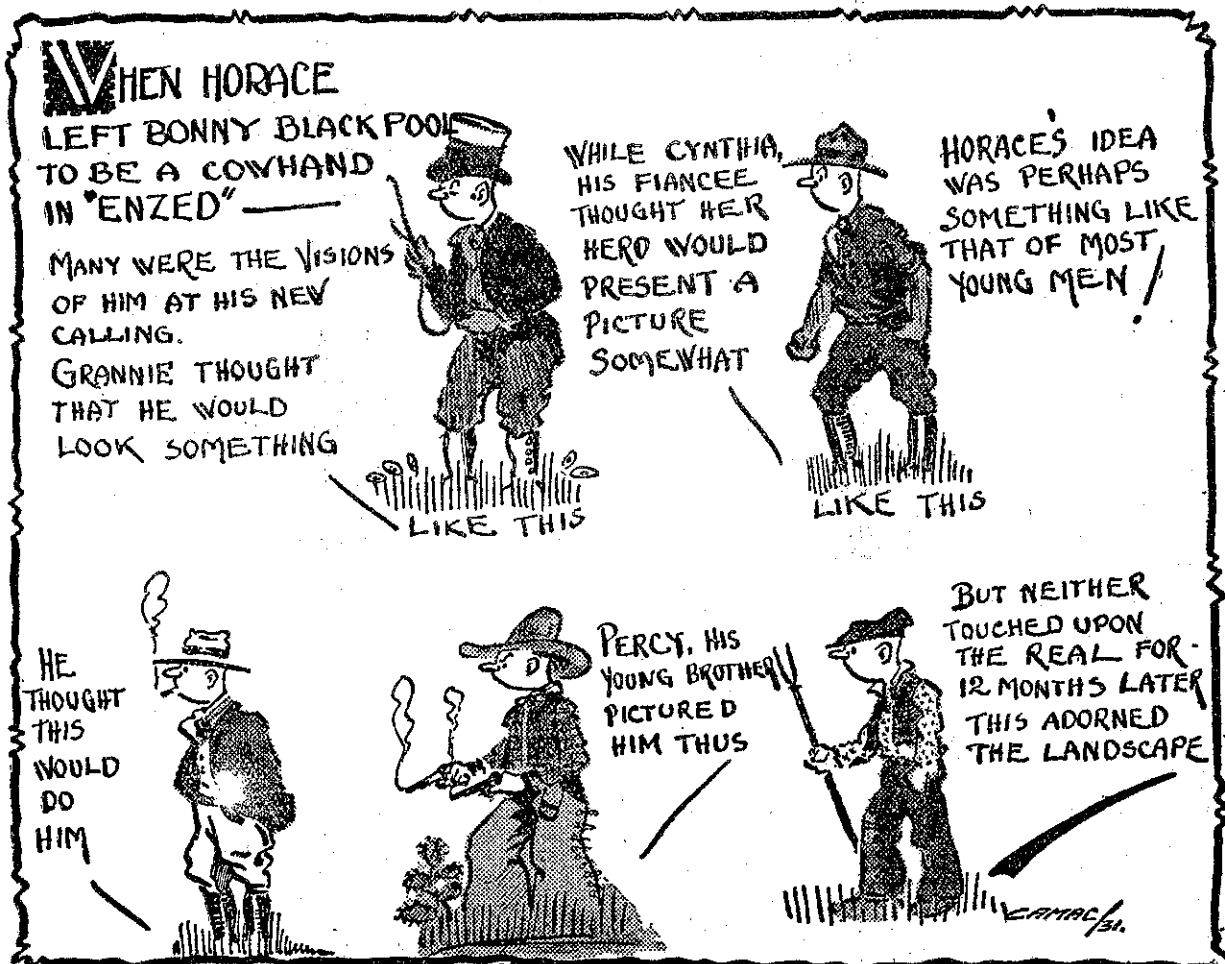
Of the recipes it ill-behoves mere man to write. But I am assured by one who knows that you may travel a long way before you will come across so varied, so delectable, appetising, and sensibly phrased a collection of recipes as is presented in the "Exporter Annual" by Tui's friends on the farm. A hare or chicken served in most attractive form, jams, pickles, dainties of confections, they are all one to the cleverest cooks in the world, and the most economical. She who knows assures me it is the chance of a lifetime to secure the right recipe, and I hope in time to reap the benefit.

The melange makes excellent reading, especially to those sated with the pseudo-intellectualism, vain striving and snobbery of cities, who will find it good to turn to the fresh literary fields and pastures new of the backblocks. Clamour, ennui and pretentious futility fade into the dimness of boring background as we savour the virility of life near the soil. Amid the everydayness of a workday world we smile at the multitudinous tricks of the trade of which Jack-of-all-trades, depicted in "His Daily Round," must be master if he is to run successfully a Maoriland farm; for it is a very comprehensive catalogue of what the Know-alls of country life must tackle, and sympathetic withal, it being obvious that the clever lines are penned by one vastly appreciative of her "clever chap." One reads on with a smile, until a sigh unwittingly comes when, a page turned, crystalline and tragic truth is presented of an incident torn from life itself and presented without fear, favour or self-consciousness. No self-pity, but courage entirely of the unconscious order, the only kind that is worth while, is apparent in this transcription of everyday give-and-take happenings in the backblocks of New Zealand. Reminiscent of past history, traversing present uncertainty, hailing hope of the future, virile, plucky and undaunted, it all seems very well worth while. Simple incidents unfold themselves, there is little drama, and no posing for effect, but nevertheless an effect remains of bubbling irrepressible

humour, quick sizing up of dramatic situation, and, best of all, sheer unadulterated British pluck, and one feels inclined to endorse the dictum of that clear-sighted young iconoclast, Ethel Mannin, when she says: "Fulfilment of life does not lie in the tortuous maze of civilisation, but somewhere in the quiet and lonely places it has not yet invaded."

IN conclusion, it may be said that, although much has been said and written of the terrific catastrophe which shattered the lovely peace of Hawke's Bay in February of this year, one ventures to prophesy that the poem by Helen Gordon, entitled "Napier," will live long by reason of excellent craftsmanship and true touch on tragedy. A high level of artistic excellence is reached, and we salute the author, herself one of that coterie of steadfast women who are such a tremendous force for good in the progress of our country, whose talent and gaiety are material factors in building up the outstanding attractiveness of the "Exporter Annual," and to whom "Dion of Tarsus" thus pays tribute:—

*While you scrubbed and baked you had little
time to see.
The beauty of the bush, or the mountains'
majesty.
But beyond the noise and bustle of your
weary working days
Your spirit made a secret rest and filled your
heart with praise.
Now you are old and worn, but your faith
is still the same.
You've done your level best, and you could
not lose the game.
But you know the kicks are many, and the
halfpence all too few—
Little backblocks lady, we take off our hats
to you.*



—An effective cartoon in "Tui's Annual," just published.

FEATURE PEEPS

... at ...

FUTURE PROGRAMMES

SUNDAY

1YA Notes

A PORTION of the organ recital to be given in the Auckland Town Hall by the city organist, Mr. Maughan Barnett, will be relayed. In the evening the church service conducted in the Pitt Street Methodist Church will be broadcast, the preacher being the Rev. W. Walker and the organist and choir-master Professor W. A. Moor. A relay of the Municipal Band concert to be given in the Town Hall will follow.

From Wellington

THE evening service in the Vivian Street Baptist Church will be relayed. The preacher will be the Rev. L. J. Boulton Smith, and the organist Mr. Chas. Collins. At 8.15 p.m. a concert by the Royal Naval Volunteer Reserve Band, under Mr. Harry Baker, will be relayed from the De Luke Theatre.

Items from 3YA

THE Rev. E. Drake will be the preacher at the East Belt Methodist Church, Christchurch, when the service will be broadcast. Mr. A. M. Owen will officiate at the organ, and the choir conductor Mr. J. Chaplin. A relay of a concert to be given by the Temuka Municipal Band at Temuka will follow.

Dunedin Features

THE evening service in Moray Place Congregational Church will be broadcast by 4YA, the Rev. A. Mead, M.A., being the preacher, Mr. Alfred Walmsley the choir-master. A relay of a concert

to be given at Temuka by the Temuka Municipal Band will follow.

MONDAY

From Auckland

A RINGSIDE description of the wrestling matches to be held in the Auckland Town Hall will be broadcast.

Items from 2YA

MR. CLAUDE TANNER, with Madame Evelyn de Mauny at the piano, will play Saint Saens's beautiful "Cello Concerto in A Minor." Another interesting item on the programme will be Mr. Harry Brusey's presentation of a part of Vaughan Williams's song cycle, "On Wenlock Edge." The Ariel Singers will present a programme of concerted and solo numbers, their quartets including "The Sea Hath Its Pearls," "The Wind," and "Richmond Hill." The orchestra, under the conductorship of Signor A. P. Truda, will play Dvorak's "Slavonic Rhapsodie No. 2," a concert waltz, "Reverie," and other numbers.

Christchurch Selections

A CONCERT given by the Ashburton Choral Society, under Mr. W. H. Dixon, will be relayed. The first half of the programme will include orchestral numbers and part songs by members of the society. The cantata, "A Tale of Old Japan," will occupy the second half of the programme.

4YA Features

UNDER the auspices of the League of Nations Union, Mr. W. R. Brugh

will speak at 4YA on "Disarmament and Unemployment." The speaker on 4YA's international programme will be Mr. J. Crossley Clitheroe, Lecturer in Music at Dunedin Training College, who will take as his subject "Folk Music of the Nations."

TUESDAY

From Auckland

UNDER the auspices of the W.E.A. the second series of talks will be



CHRISSIE FOSTER,

a charming soprano member of the popular 1YA Broadcasting Choir.
—S. F. Andrew, photo.

given by the Rev. W. Constable, M.A., on George Bernard Shaw.

During the evening's International Programme, Dr. E. B. Gunson, president of the Auckland Society of Arts, will speak on "The International Outlook of Art."

Selections from 2YA

THE Studio concert will be of the popular type. The Salon Orchestra will be heard in several well-chosen numbers, and the Harmony Four, a novelty instrumental and vocal quartet, will entertain with up-to-date melodies.

Dunedin Features

W.E.A. students will discuss "Can We Control the Machine?" The St. Kilda Band and assisting artists will provide an excellent programme arranged by the conductor of the band, Mr. James Dixon. The Harmonists, a mixed quartet, will be heard in concerted numbers. Ted Heany, a clever exponent of the piano-accordeon, will contribute items.

Featurettes

"Musical Portrait—Saint Saens"

2YA, Monday.

Ashburton Choral Society

3YA, Monday.

Community Singing

1YA, Wednesday.

Dorothy Filkins, Pianiste

3YA, Wednesday.

Old-time Dances

4YA, Saturday.

WEDNESDAY

Items from 1YA

THE evening programme will be devoted mainly to Community Singing by the 1YA Broadcasting Choir and the Salon Orchestra, the song-leader being Len Barnes. Many of the old-time and new favourites will be sung, and listeners are asked to join in the choruses.

2YA Jottings

AT 8 o'clock the weekly International Programme will be presented, Dr. Guy H. Scholefield, O.B.E., being the lecturer for the evening.

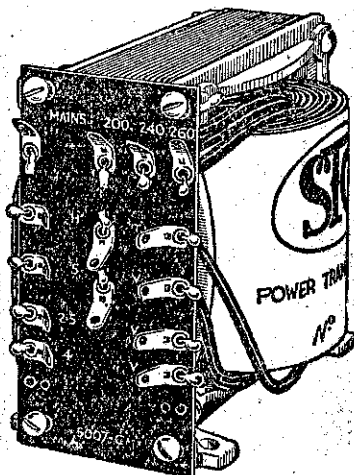
Christchurch Features

One of the most interesting portions of 3YA's operatic classical programme will be that provided by Dorothy Filkins, L.T.C.L., a talented Christchurch composer and pianiste, who will play several of her own compositions.

Another of Miss Filkins's pieces, "Nocturne," will be played as a 'cello solo by Harold Beck, and a violin composition will be played by Irene Morris.

4YA Topics

MR. H. P. DESMOULINS, who recently relinquished his position of deputy-conductor for the Dunedin Choral Society, conducts a very fine church choir in Dunedin, known as the Hanover Street Baptist Church Choir, which combination appears this evening. The choir will present a varied programme of choruses, part songs, trios, and quartets. Included in their items are three popular "catches" or rounds—"The Bell Doth Toll," "Scotland's Burning," and "Merrily, Merrily." "Catches" was the name originally given to them, and they were so called because of the way in which they were taken up and passed round in the inns of the Elizabethan period. A description of the three "catches" to be presented this evening will be given by Mr. Desmoulin. "Old Folks at Home," "My Old Kentucky Home," "Lift Thine Eyes," "Night Hymn at Sea," "The Lost Chord," and a chorus entitled "Into the Woods," and an old English melody which will have a rare appeal for all listeners—"O Little Town of Bethlehem"—will be performed by the choir.



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THURSDAY

"Sleep"

THE home science talk, "Sleep," prepared by the Home Science Extension of Otago University, from 1YA, 2YA, and 3YA.

Auckland Notes

THE Orpheus Musical Club, which has on several occasions given splendid programmes, will again supply the evening's programme, featuring incidental music from "Monsieur Beaucaire." The soloists will be Mrs. L. E. Lambert (contralto) and Rewa Hipwell (soprano). Both these ladies possess very fine voices and have been heard to advantage several times from this station. Harry Woolley, one of Auckland's outstanding pianists, will play pianoforte solos, and there will be solos by Will Henderson (piccolo) and Mr. Reg. Davies (cornet).

Items from 2YA

A 2YA studio concert in commemoration of the Battle of Trafalgar will be given by the Port Nicholson Silver Band and 2YA artists.

The band will be heard in a very fine programme of selections and marches. Outstanding of these will be a trombone solo, "The Death of Nelson," a potpourri, "Nautical Moments," and the fantasia "Trafalgar." A feature of the programme will be two numbers by Clement May, eminent English elocutionist, "Ballad of the Clamperdown" and "The Old Superb." The vocal portion will be in the hands of the Sereaders' Male Quartet, who will be heard in a full programme of nautical songs.

3YA Topics

A TALK on "Tourist Resorts" will be given at 3YA by Mr. R. W. Marshall, of the Government Tourist Department.

The lecturer on 3YA's international programme will be Professor H. Tocker, of Canterbury College. He will speak on "The Economic Situation in Germany."



REG. BLOW, L.R.A.M., who will present baritone solos from Wellington on October 23.
—S. P. Andrew, photo.

Choral Programme
from 3YA

A Song with a History

ON Wednesday, evening, October 21, a programme of part-songs, trios, and quartets will be presented from 4YA by the Hanover Street Church Choir, under the conductorship of Mr. H. P. Desmoulins.

One of the part-songs will be the ever popular traditional "Old Folks at Home," a song with an interesting history. It is from Stephen Foster's brother, Morrison, that we hear of its origin.

"One day in 1851," he says, "Stephen came into my office, on the bank of the Monogahela, Pittsburg, and said to me: 'What is a good name of two syllables for a southern river? I want to use it in this new song of 'Old Folks at Home.' I asked him how Yazoo would do. 'Oh,' said he, 'That has been used before.' I then suggested Pedee. 'Oh, pshaw!' he replied, 'I won't have that.' I then took down an atlas from the top of my desk and opened at the map of the United States. We both looked over it, and my finger stopped at the 'Swanee,' a little river in Florida emptying into the Gulf of Mexico. 'That's it, that's it exactly,' exclaimed he, delighted, as he wrote the name down; and the song was finished, commencing, 'Why down upon the Swanee Ribber.' He left the office abruptly, as was his custom, and I resumed my work.

Just at that time he received a letter from E. P. Christy (a noted 'negro minstrel' of the day) of New York, asking him if he would write a song for him to sing before it was published. Stephen showed me the letter and asked what he should do. I said to him 'Don't let him do it unless he pays you.' At this request, I drew up a form of agreement for Christy to sign, stipulating to pay Stephen five hundred dollars for the privilege asked. This was forwarded to Christy, and return mail brought it back duly signed by the latter. The song happened to be 'Old Folks at Home.' Such was the history of what is probably Foster's greatest song.



FRIDAY

Notes from Auckland

The evening's studio concert will be provided by the Jubilee Institute for the Blind.

These young people, although afflicted with loss of sight, give excellent concerts from the station. They have a small band, jazz band, school choir, and several excellent soloists, who combine to give a programme that should appeal to listeners. The Jubilee Institute is doing excellent work for the blind of New Zealand, and one of the major activities is a study of music.

Featured at 2YA

THE evening concert from 2YA will be a miscellaneous type. The orchestra will play several well known items, while the soloists, who have been well chosen, will be heard in many popular numbers. Mrs. Mildred Kenney's Guitar Trio will entertain with light popular airs.

Jottings from 3YA

TO-NIGHT'S programme will be of a miscellaneous nature, contributed by the Valencia Quartet, and the Studio Octet under Mr. Harold Beck.

From Dunedin

A VARIED programme will be broadcast to-night, there being piano-acordion solos, cornet solos, and dulcitone numbers on the instrumental side, and tenor, contralto, and bass-baritone soloists on the vocal side. A new art-

ist in the person of Doreen Sheehy, who has an excellent broadcasting voice, will appear. Dora Drake has not appeared at 4YA for some considerable time, and she will come before the microphone this evening in "When You Come Home," "Night is Our Sister," and "Go Down to Kew in Lilac Time." The presentation of dulcitone solos by Thos. J. Kirk-Burnand should prove of considerable interest. Mr. Kirk-Burnand will play on this instrument such well-known and popular airs as "Bells of St. Mary's," "The First Noel," and "Minuet" (by Paderewski), "Oh, Dem Golden Slippers," "Steal Away," "O, Susanna," and "Aloha Oe." The dulcitone is a beautiful instrument for broadcasting purposes, and the presentation this evening will have the added interest of being a novelty.

SATURDAY

1YA Items

THE results of the Auckland Trotting Club's meeting will be broadcast in the afternoon. At 7.40 p.m. from 1YA there will be a further talk, under the auspices of the N.Z. Amateur Radio Transmitters' Association, by Mr. H. B. Arthur, who will speak on "The Uses of Long and Short Waves."

The evening programme will comprise a relay of the Municipal Band concert to be given in the Auckland Town Hall.

Gleanings from 2YA

THE station will be on the air from noon to broadcast results of the Wellington Racing Club's meeting. The

2YA Salon Orchestra will provide a light programme, while the popular Melodie Four will again entertain with quartets and solos. Berthold and Bent, guitar duo, will also be included on the programme in a budget of up-to-date melodies.

Jottings from 4YA

LET us go back with 4YA, say, thirty years, and enjoy one of those great annual entertainments which set the whole countryside on the goldfields in a whirl for weeks before, and for days after—the annual concert and dance, to which the dancers rode on horseback from a radius of fifty miles around, and more, to enjoy until daylight those healthy and vigorous dances—the Caledonians, lancers, quadrilles, waltz, barn dance, Highland schottische, polka, cotillions, mazurka, etc.—dances conducted by a master of ceremonies, the efficiency of whose art, as he directed the various figures in the mirthmaking sets, was the envy of the gay throng; an efficiency that was exceeded only by the pride of the sense of those who were so unfortunate as to be unable to attend, where songs of home and mother were sung, songs of sorrow and songs of love and laughter.

The evening's concert broadcast will be a grand concert and dance relayed from the Somerset Lounge of the Savoy. 4YA's programme will be relayed to 3YA.

New Type of Microphone

For Nervous Speakers

MICROPHONE fright, the panic which seizes many persons when speaking over the air, may now be largely dispelled by a tiny lapel microphone to which is attached thirty feet of cord. The instrument is attached to the clothing and the speaker is left free to gesticulate or move about, often becoming unconscious that his voice is being broadcast.

This microphone, not as large as a half-crown piece, is attached by a cord to a plug and jack carried in the pocket, and from the jack a thirty-foot cord extends to a small cabinet connected with the transmitter.



EDGAR SWAIN, a 2YA tenor, who has been connected with broadcasting for a number of years.
—Jauncey, photo.

Full Programmes for Next

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

Sunday, October 18

1YA, AUCKLAND (875 KILOCYCLES)—SUNDAY, OCTOBER 18.

- 3.0 : Chimes. Selected recordings and relay of portion of Organ Recital from the Auckland Town Hall by the City Organist, Mr. Maughan Barnett.
- 6.0 : Children's song service, conducted by Uncle Leo.
- 7.0 : Relay of service from the Pitt Street Methodist Church. Preacher, The Rev. W. Walker. Organist and Choirmaster, Professor W. A. Moor.
- 8.30: Concert by the Auckland Municipal Band (Conductor, Mr. George Buckley).
- Triumphal march—The Band, "Cleopatra" (Mancinelli).
- Overture—Band, "Masaniello" (Auber).
- Male duet—Mario Chamlee and Richard Bonelli, "Swear in This Hour"
- Cornet duet—Messrs. F. Bowes and J. Davies, "Birds of the Forest."
- Evening weather forecast and announcements.
- Selection—The Band, "Aida" (Verdi).
- Serenade—The Band, "The Student Prince" (Romberg).
- Piccolo—Mr. Hal. O. McLennan, "The Comet" (Terschak).
- Soprano—Margherita Salvi, "Care Nome" (Verdi) (Parlo. A5004).
- Selection—Band, "Reminiscences of Wagner's Operas" (Wagner).
- Bell gavotte—The Band, "Cloches de St. Malo" (Rimmer).
- Bass solo with chorus—Paul Robeson, "Plantation Songs" (H.M.V.).
- Hymn—The Band, "Abide With Me" (Monk).
- Tone picture—Band, "Her Majesty" (Sousa); march, "Sylvia" (Vlach)
- 10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, OCTOBER 18.

- 3.0 : Selected gramophone recordings.
- 6.0 : Children's song service, conducted by Uncle George, assisted by the children's choir from St. Matthew's Anglican Church.
- 7.0 : Relay of evening service from the Vivian Street Baptist Church. Preacher, Rev. L. J. Boulton Smith. Organist, Mr. Chas. Collins.
- 8.15 (approx.): Relay of concert by the Royal Naval Volunteer Reserve Band from the De Luxe Theatre (Conductor, Mr. Harry Baker).
- God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, OCTOBER 18.

- 3.0 : Gramophone recital.
- 5.30: Children's song service—children of Methodist Sunday Schools.
- 6.15: Chimes from studio.
- 6.30: Relay of evening service from East Belt Methodist Church, Fitzgerald Avenue. Preacher, Rev. E. Drake. Organist, Mr. A. M. Owen. Choir Conductor, Mr. J. Chaplin.
- 7.45 (approx.): From studio—Selected recordings.
- 8.15 (approx.): Relay from Dominion Theatre, Temuka, of concert by Temuka Municipal Band.
- God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, OCTOBER 18.

- 3.0 : Selected recordings.
- 5.30: Children's song service, conducted by Big Brother Bill.
- 6.15: Instrumental recordings.
- 6.30: Relay of evening service from Moray Place Congregational Church. Preacher, Rev. A. Mead, M.A. Choirmaster, Mr. Alfred Walmsley.
- 7.45: Selected recordings.
- 8.15: Relay from Temuka of a concert by the Temuka Municipal Band.
- 10.0 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, OCTOBER 18.

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

Monday, October 19

1YA, AUCKLAND (875 KILOCYCLES)—MONDAY, OCTOBER 19.

- 8.0 : Relay from the Auckland Town Hall of a ringside description of Wrestling.
- God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—MONDAY, OCTOBER 19.

- 10.0 : Chimes. Selected gramophone recordings.
- 11.12: Lecturette—"Cooking."
- 11.37: Lecturette—"Health Hints or First Aid."
- 12.0 : Lunch hour music.
- 2.0 : Selected recordings.
- 3.30 and 4.30: Sporting results.
- 5.0 : Children's hour, conducted by Uncle Jeff.
- 6.0 : Dinner music session (Parlophone)—
- Karol Szreter, pianoforte, with Berlin State Opera Orchestra, "Suite Orientale" (Popy) (A3058).
- Dajos Bela Orchestra, "You and You" Waltz (Strauss) (A4080).
- Sandor Joszi Orchestra, "The Hobgoblin's Story" (Brecht) (A3027).
- Orchestra Opera Comique, Paris, "Manon" Ballet Music (Massenet).
- Dajos Bela Orchestra, "Wiener Blut" (Strauss) (A4095).
- Berlin State Opera Orchestra, "Dance of the Hours" (Ponchielli) (A4144); "Norma" Overture (Bellini) (A4146); "Slavonic Dance Nos. 8 and 16" (Dvorak) (A4171).
- Dajos Bela Orchestra, "Gipsy Love" Waltz (Lehar) (A4080).
- Berlin State Opera Orchestra, "La Traviata" Prelude (Verdi).
- Dajos Bela Orchestra, "Voices of Spring" (Strauss) (A4095).
- Sandor Joszi Orchestra, "An Eastern Wedding" (Prychista!) (A3027).
- 7.0 : News, market reports and sports results.
- 7.30 (approx.): Talk, "Salvation Army Self-Denial."
- 7.40: Lecturette, under auspices of the New Zealand Institute of Opticians, "Eye Defects."
- 8.0 : Chimes. Overture—St. Louis Symphony Orchestra, "Fingal's Cave."
- 8.8 : Quartet—Ariel Singers, (a) "Bont Song" (Cowen); (b) "Twas in the Month of Maying" (Morley).
- Soprano—Miss Jeanette Briggs, L.A.B., "Lullaby" (Cyril Scott).
- 8.14: Bass—Mr. J. M. Caldwell, (a) "When Dull Care" (Lane Wilson); (b) "The Tinker's Song" (arr. Lane Wilson).
- 8.20: "Musical Portrait" (Saint-Saens)—Cello and piano, Mr. Claude Tanner and Madame Evelyn de Mauny, "Cello Concerto in a Minor."
- 8.35: Duet—Misses Jeanette Briggs and Ngaire Coster, "Long Ago" (Birch).
- 8.38: Instrumental trio—Cherniavsky Trio, (a) "At the Brook" (de Boffredre); (b) "Scherzo" (Beethoven) (Col. 0840).
- 8.44: Quartet—Ariel Singers, "The Sea Hath Its Pearls" (Pinsuti).
- Contralto—Miss Ngaire Coster, "When All Was Young" (from "Faust") (Gounod).
- 8.51: Selection—2YA Orchestra (Conductor, Signor A. P. Truda), "L'Arlesienne" (Bizet); "Pizzicato" (from "Sylvia") (Delibes).
- 9.1 : Weather report and station notices.
- 9.3 : Tenor—Mr. Harry Brusey, with trio accompaniment, Song Cycle, "On Wenlock Edge" (Vaughan Williams): (a) "From Far from Eve and Morning"; (b) "O. When I Was in Love With You"; (c) "Bredon Hill"; (d) "Clun."
- 9.13: Selection—Halle Orchestra, "Rosamunde Ballet Music" (Schubert).
- 9.21: Soprano—Miss Jeanette Briggs, L.A.B., (a) "Spring Song" (Bantock); (b) "Fiddler Come Play With Me" (Phillips).
- 9.27: Waltz—2YA Orchestra, "Reverie" (Waldteufel).
- 9.33: Quartet—Ariel Singers, (a) "The Wind" (Cyntson); (b) "Richmond Hill" (Crampton).
- 9.39: Piano—Mr. Gordon Short, "Reflections in the Water" (Debussy).
- 9.45: Contralto—Miss Ngaire Coster, (a) "Four Ducks on a Pond" (Needham); (b) "Moorings" (Sanderson).
- 9.51: Instrumental—2YA Orchestra, "Slavonic Rhapsodie No. 2" (Dvorak).
- 10.0 : Dance programme (Brunswick)—
- Foxtrots—Jacques Renard and His Orchestra, "He's My Secret Passion" (Valentine) (4978X). Ben Bernie and His Orchestra, "One Little Raindrop" (Richman) (6062X). Hal Kemp and His Orchestra, "Would You Like to Take a Walk?" (Dixon) (6048X).
- 10.9 : Waltz—Regent Club Orchestra, "Broken Hearted" (Kenny) (6062X).
- Foxtrots—Tom Gerun and His Orchestra, "Cheerful Little Earful" (Gershwin) (4971X). Emil Coleman and His Orchestra, "Isabel" (Caesar) (41286); "Overnight" (Rose) (4971X).
- 10.21: Vocal—Bing Crosby, "Out of Nowhere" (Heyman) (6089).
- 10.24: Foxtrots—Ozzie Nelson and His Orchestra, "Do I Really Deserve It From You?" (6060). Emil Coleman and His Orchestra, "Oh Donna Clara" (Caesar) (41286). Ozzie Nelson and His Orchestra, "Dream a Little Dream of Me" (Kahn) (6060).
- 10.33: Waltzes—Jacques Renard and His Orchestra, "Reaching for the Moon" (Berlin) (6021X). Emil Coleman and His Orchestra, "Heavenly Night" (Ellisen) (6037).
- 10.39: Foxtrots—Loring "Red" Nichols and His Orchestra, "Were You Sincere" (Meskill) (6070). Noble Sissle and His Orchestra, "Got the Bench—Got the Park" (Lewis) (6077). Loring "Red" Nichols and His Orchestra, "Teardrops and Kisses" (Kenny) (6070).
- 10.48: Vocal—Bing Crosby, "If You Should Ever Need Me" (Dubin) (6090).

Week-all Stations-to Oct. 25

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10.51: Foxtrots—Ben Bernie and His Orchestra, "One More Time" (de Sylva) (6063). Jacques Renard and His Orchestra, "With All My Heart" (Ford) (6037). Ben Bernie and His Orchestra, "When Your Lover Has Gone" (Swan) (6063).

11.0 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—MONDAY, OCTOBER 19.

3.0 : Gramophone recital.

4.30: Sports results.

5.0 : Children's session, conducted by Uncle Bill.

6.0 : Dinner session (H.M.V.)—

Cedric Sharpe Sextet, "O, Lovely Night" (Ronald) (B3429).

Berlin State Opera Orchestra, "A Midsummer Night's Dream" Overture (Mendelssohn) (C1883-4).

De Groot and the Piccadilly Orchestra, "If Only I Had You."

Organ—Jesse Crawford, "I'll Close My Eyes to the Rest of the World."

Kirilloff's Balalaika Orchestra, "Medley of Old Time Songs."

The Palladium Orchestra, "La Siesta" Barcarolle.

De Groot Trio, "Paraphrase of Strauss Waltzes" (arr. de Groot).

Berlin State Opera Orchestra, "A Midsummer Night's Dream" Wedding March (Mendelssohn) (C1884).

Cedric Sharpe Sextet, "Chanson Napolitaine" (D'Ambrosio) (B3429).

De Groot and the Piccadilly Orchestra, "Lolita."

The Palladium Orchestra, "The Grasshoppers' Dance" (Bucalossi).

Organ—Jesse Crawford, "How Am I To Know?" (King) (EA699).

The Rhythmic Eight, "Neapolitan Nights" (Zamecnik).

7.0 : News session.

7.30: Workers' Educational Association Session—Talk—Rev. Hubert Jones, "Music."

8.0 : Chimes. Relay of the Ashburton Choral Society's Concert from His Majesty's Theatre, Ashburton.

Ballet music—Orchestra, "Ballet Music From Faust" (Gounod).

Baritone—Rev. L. A. North, "The Wanderer" (Schubert).

Part song—Choral Society, "It Was a Lover and His Lass" (Morley).

Contralto—Madame Anne Harper, "My Heart is Weary" (from "Nadeshda" (Goring Thomas).

Male quartet—Choir members, "Lovely Night" (Chwatal).

Soprano—Miss Gladys Brooks, "Elizabeth's Prayer" (Wagner).

Part song—Choral Society, "Blow Gentle Breezes."

Tenor—Mr. Ernest Rogers, "The Spirit Flower" (Tipton).

Orchestral—Orchestra, "Ballet Music" Faust (Gounod).

Weather forecast and station notices.

Cantata—"A Tale of Old Japan" (Colerige-Taylor). Soloists—Soprano, Miss Gladys Brooks, Christchurch; contralto, Madame Anne Harper, Christchurch; tenor, Mr. Ernest Rogers, Christchurch; baritone, Rev. L. A. North, Christchurch. Musical Director, W. H. Dixon, L.R.A.M., A.R.C.M. (London).

God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—MONDAY, OCTOBER 19.

3.0 : Selected recordings.

4.30: Sporting results.

5.0 : Children's hour, conducted by Uncle Jack.

6.0 : Dinner music session (Polydor)—

Berlin Philharmonic Orchestra, "Titus" Overture (Mozart) (95296).

Paul Godwin's Orchestra, "The Roses' Bridal Procession" (Leon Jessel) (19681); "Oh, This Beautiful Springtime" (Lincke) (19661).

Great Symphony Orchestra, "Fortissimo" (Kalman) (27167).

Paul Godwin's Orchestra, "The Marionettes' Mounting Guard" (Kuhn).

State Opera Orchestra, Berlin, "Orpheus and Eurydice Ballet Music."

Paul Godwin's Orchestra, "Murmure de Bal" (Meyer Helmund).

Berlin Philharmonic Orchestra, "Le Nozze di Figaro" Overture.

Paul Godwin's Orchestra, "Poppies" (Moret) (19661); "Dreaming Flowers" (Translaeur) (19507).

Bereny's Hungarian Gypsy Symphony Orchestra, "Karpatea."

7.0 : News session.

7.40: Talk—Mr. W. R. Brugh, under the auspices of the League of Nations, "Disarmament and Unemployment."

8.0 : Chimes. Specially Recorded International Programme.

Dr. Eugene Ormandy and His Salon Orchestra.

The Flying Song Squadron.

Forget-me-Not.

Weather report.

Lecture—Mr. J. Crossley Clitheroe, lecturer in music at the Dunedin Training College, "Folk Music of the Nations."

The Irresistible Imps.

Whispers.

God save the King.

2YE, NEW PLYMOUTH (1230 KILOCYCLES)—MONDAY, OCTOBER 19.

8.0 to 10.0 p.m.: Concert programme.

Tuesday, October 20

1YA, AUCKLAND (875 KILOCYCLES)—TUESDAY, OCTOBER 20.

3.0 : Chimes. Selected recordings.

4.30: Sporting results.

5.0 : Children's session, conducted by Uncle Dave.

6.0 : Dinner music session (Polydor)—

Paul Godwin's Orchestra, "Rejoicings" March (Schweitzer) (19512);

"Coppelia Ballet" Fantasy (Delibes) (19505).

Polydor String Orchestra, "Offenbachiana" (Conradi-Daebnitz).

Mandolin and Lute Orchestra, "Minuet in G" (Beethoven) (21622).

Paul Godwin's Quartet, "Le Reve" (D'Ambrosio) (19532).

Paul Godwin's Orchestra, "The Divorced Lady" Medley (Fall)

(19521), "Aubade" Serenade (Schweitzer) (19512).

Great Symphony Orchestra, "Vienna Operetta Revue" (Robrecht).

Mandolin and Lute Orchestra, "Norwegian Dance" (Grieg) (21622).

Paul Godwin's Quartet, "Beautiful Garden of Roses" (Schmid).

7.0 : News and market reports.

7.30: Workers' Educational Association Session (Rev. W. Constable, M.A.)—"George Bernard Shaw."

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 Forget-Me-Not.
 Weather report.
 International Talk—Dr. E. B. Gunson, "The International Outlook on Art."
 The Irresistible Imps.
 Whispers.
 God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—TUESDAY, OCTOBER 20.

- 10.0 : Chimes. Selected gramophone recordings.
 11.12 : Lecturette—"Fabrics and Fashions."
 12.0 : Lunch hour music.
 2.0 : Educational session.
 3.0 : Selected recordings.
 3.30 and 4.30 : Sporting results.
 5.0 : Children's hour, conducted by Junbo
 6.0 : Dinner music session (Columbia)—
 J. H. Squire's Celeste Octet, "The Fly's Courtship" (Squire) (D0308).
 B.B.C. Wireless Military Band, "Dance of the Tumblers."
 Organ—Terence Casey, "I'm Lonely" (Coates) (01501).
 Halle Orchestra, "Capriccio Espagnole" (Rimsky-Korsakov).
 Columbia Symphony Orchestra, "Idilio" (Lack) (01076).
 Ketelbey's Concert Orchestra, "Cockney Suite": (1) A State Procession; (2) The Cockney Lover (Ketelbey) (05052).
 Debroy Somers Band, "Hungarian Medley" (arr. Somers) (01862).
 B.B.C. Wireless Military Band, "Goliwog's Cake Walk" (Debussy).
 Organ—Terence Casey, "Bird Songs at Eventide" (Coates) (01501).
 J. H. Squire's Celeste Octet, "The Ants' Antics" (Squire) (D0308).
 Ketelbey's Concert Orchestra, "Cockney Suite": (3) At the Palace de Dance; (4) Elegy; (5) Bank Holiday (Ketelbey) (05053-4).
 Columbia Symphony Orchestra, "Spring Song" (Mendelssohn).
 7.0 : News, market reports and sports results.
 7.40 : Lecturette by a representative of the Agricultural Department, "For the Man on the Land."
 8.0 : Chimes. Selection—Drury Lane Theatre Orchestra, "Rose Marie."
 8.8 : Baritone—Mr. A. W. Beckford, (a) "The Floral Dance" (Moss); (b) "Thoughts" (Fisher).
 8.14 : Suite—2YA Salon Orchestra (Conductor Mr. M. T. Dixon) "Gabrielle Suite" (Rosse).
 8.26 : Balalaika—Balalaika Orchestra, (a) "Hymn an Die Sonne"; (b) "Das Blau Meer" (Erkki Melartin) (Poly. R40094).
 8.32 : Novelty—The Harmony Four, (a) "It Happened in Monterey" (Rose and Wayne); (b) "When My Dreams Come True" (Berlin); (c) "Carolina Moon" (Davis).
 8.40 : Mezzo-soprano—Miss Phyllis Leighton, (a) "Through the Mist of Dreams" (Brown); (b) "Biddy" (Phillips).
 8.46 : Clarinet—Mr. H. Langtry with orchestra, "Concertino For Clarinet and Orchestra" (Weber).
 8.54 : Chorus—Light Opera Company, "Miss Hook of Holland" vocal gems.
 9.2 : Weather report and station notices.
 9.4 : Instrumental—2YA Salon Orchestra, "Alt Wien" (Godowsky); "Canzonetta" (Godard).
 9.14 : Baritone—Mr. A. W. Beckford, "The Drum Major" (Newton).
 9.18 : Novelty—The Harmony Four, (a) "Under the Mellow Moon" (Hall); (b) "Medley of Choruses" (arr. Thomas); (c) "Sweet Jennie Lee."
 9.26 : Suite—2YA Salon Orchestra, "Enfant Prodigne" (Wormser).
 9.38 : Mezzo-soprano—Miss Phyllis Leighton, (a) "It Is Only a Tiny Garden"; (b) "A Song Down the Valley" (Haydn Wood).
 9.44 : Waltz—The State Opera Orchestra, "Delirien" (Josef Strauss).
 9.52 : Selection—2YA Salon Orchestra, "Maid of the East" (Neale).
 10.2 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, OCTOBER 20.

SILENT DAY.

4YA, DUNEDIN (650 KILOCYCLES)—TUESDAY, OCTOBER 20.

- 3.0 : Selected recordings.
 4.30 : Sporting results.
 5.0 : Children's hour, conducted by Aunt Leonore.
 6.0 : Dinner music session (H.M.V.)—
 String Orchestra, "Overture to Arundel Suite" (Brown) (B3514).
 Cedric Sharpe Sextet, "Love's Old Sweet Song" (Molloy) (C1894).
 Salon Orchestra, "By the Light of the Stars" (Shay) (B2225).
 Marek Weber and His Orchestra, "My Darling" (Waldteufel).
 Organ—Jesse Crawford, "La Borrachita" (Fernandez Esperon).
 The London Palladium Orchestra, "Vivienne" (Finck) (B3466).
 De Groot and His Orchestra, "Une Heure D'Amour" (Alexander).
 International Novelty Orchestra, "I Love You Truly" (Bond) (B3496).
 Ferdie Kauffman and His Orchestra, "Siciliana" (Schmalstich).
 Cedric Sharpe Sextet, "Intermezzo" (Coleridge-Taylor) (C1894).
 De Groot and His Orchestra, "Only For You" (Strong) (B2284).
 Salon Orchestra, "You Forgot to Remember" (Berlin) (B2225).
 String Orchestra, (a) "Almand"; (b) "Pavan" from "Arundel Suite."
 Organ—Jesse Crawford, "I Loved You Then as I Love You Now."
 Marek Weber and His Orchestra, "Rustle of Spring" (Sinding).

International Novelty Orchestra, "Love Sends a Little Gift of Roses."
 De Groot and His Orchestra, "For Ever and For Ever" (Tosti) (B2418).
 The London Palladium Orchestra, "Longing" (Haydn Wood) (B3466).

- 7.0 : News session.
 7.40 : Dialogue—Under auspices of W.E.A., by W.E.A. Students, "Can We Control the Machine?"
 8.0 : Chimes. Programme by St. Kilda Band and assisting artistes (Conductor, Mr. Jas. Dixon).
 March—The Band, "Royal Rover" (Greenwood); Prelude, "Prelude in C Sharp Minor" (Rachmaninoff).
 8.9 : Mixed quartets—The Harmonists, (a) "Hymn of the Homeland" (Sullivan); (b) "In the Twilight" (Brookes).
 8.16 : Piano accordion—Mr. Ted Heaney, "Waltzes and Jigs" (Trdtl.).
 8.22 : Dialogue—Clapham and Dwyer, "At the Races" (Clapham and Dwyer).
 8.28 : Nautical fantasia—The Band, "Sailor's Memories" (Hawkins).
 8.33 : Soprano—Miss Mae Matheson, (a) "I Wonder if Love is a Dream?" (Forster); (b) "Gingham Gown" (Penn).
 Mixed quartet—The Harmonists, "Fruits of Love" (Woodgate).
 8.47 : Cornet—Bandsman G. Christie, with band accompaniment, "There's a Land" (Allitsen).
 8.53 : Baritone—Mr. C. S. Hawes, (a) "The Windmill" (Nelson); (b) "The Harvester's Night Song" (Powell).
 9.0 : Weather report and station notices.
 9.2 : Tango and foxtrot—Barnabas Von Geezy and His Orchestra, (a) "L'Heure Bleue" (Spoliansky); (b) "Oh! Donna Clara."
 9.8 : Mixed quartets—The Harmonists, "My Little Pretty One" (Shaw).
 9.11 : Valse—The Band, "Gold and Silver" (Lehar).
 9.18 : Dialogue—Will Hay and His Scholars, "The Fourth Form at St. Michael's" (Hay) (Col. 02852).
 9.26 : Piano accordion—Mr. Ted Heaney, "Popular Songs" (arr. Heaney).
 9.31 : Contralto—Miss Margaret Green, (a) "Boat Song" (Ware); (b) "Four by the Clock" (Mallinson).
 9.37 : Grand selection—The Band, "Haley" (Round).
 9.49 : Organ—Lew White, "My Old Kentucky Home" (Foster).
 9.55 : Mixed quartet—The Harmonists, "When the Swallows Homeward Fly" (Aht).
 9.59 : March—The Band, "The Moa" (Bluch).
 10.1 : God save the King.

Wednesday, October 21

1YA, AUCKLAND (875 KILOCYCLES)—WEDNESDAY, OCTOBER 21.

- 3.0 : Chimes. Selected recordings.
 3.15 : Literary selection.
 4.30 : Sporting results.
 5.0 : Children's session, conducted by Uncle Reg.
 6.0 : Dinner music session (Brunswick)—
 Minneapolis Symphony Orchestra, "March Militaire" (Schubert).
 A. and P. Gypsies Orchestra, "The Far Away Bells" (Gordon) (4442).
 Brunswick Salon Orchestra, "Little Grey Home in the West" (Loehr).
 Peter Biljo's Balalaika Orchestra, "Blowing Winds" (57005).
 Minneapolis Symphony Orchestra, "Coppelia Ballet" Prelude and Mazurka (Delibes) (50087).
 Anglo-Persians' Orchestra, "My Little Persian Rose" (Friedland).
 New York Philharmonic Orchestra, "Artist's Life" Waltz (Strauss).
 A. and P. Gypsies Orchestra, "Bohemian Romance" (4003).
 Organ—Lew White, "Down South" (Myddleton) (4889).
 Minneapolis Symphony Orchestra, "Prelude to Khowantchina" (50153).
 A. and P. Gypsies Orchestra, "Simple Confession" (Thome) (4442).
 Cleveland Symphony Orchestra, "Shepherd's Hey"—A Morris Dance.
 New York Philharmonic Orchestra, "Tales from the Vienna Woods."
 Peter Biljo's Balalaika Orchestra, "The Wide Dniiper" (57005).
 A. and P. Gypsies Orchestra, "My Memories" (4903).
 Minneapolis Symphony Orchestra, "Dernier Sommeil de la Vierge."
 7.0 : News and market reports.
 7.40 : Talk—Sister C. E. Cherry, under the auspices of the Department of Health, "Home Nursing."
 8.0 : Chimes. Suite—Salon Orchestra (under the direction of Harold Baxter). "Knick Knacks" (Fapp); (a) "Coffee Cups"; (b) "The Silver Calendar"; (c) "China Mascots."
 8.11 : Community singing by 1YA Broadcasting Choir: Soloists, Miss Audrey McDonagh, mezzo-soprano; Mr. A. L. Macpherson, Scottish Humorist.
 8.50 : Selection—The Salon Orchestra, "Maid of the Mountains."
 9.0 : Evening weather forecast and announcements.
 9.2 : Organ—H. Wood, "Songs My Mother Taught Me" (Dvorak) (Poly. 23304); Quentin MacLean "Ballad Memories" (arr. MacLean).
 9.13 : Community singing—Soloists, Miss Chrissie Foster, soprano; Miss Joyce Hould, elocutionist; Mr. J. H. Joss, baritone.
 9.53 : Selection—The Salon Orchestra, "Plantation Songs" (Clutsam).
 10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—WEDNESDAY, OCTOBER 21.

- 10.0 : Chimes. Selected gramophone recordings.
 11.37 : Lecturette—"Hollywood Affairs."
 12.0 : Lunch hour music.
 2.0 : Selected recordings.

- 3.30 and 4.30: Sporting results.
 5.0 : Children's hour, conducted by Aunt Daisy.
 6.0 : Dinner music session (H.M.V.)—
 National Symphony Orchestra, "Irish Rhapsody" (Herbert).
 National Military Band, "Ballet Egyptian" (Luigini) (Zono. A354).
 Trio—Fritz and Hugo Kreisler, Michael Rauchsau, "Sanctissima."
 New Light Symphony Orchestra, "Scene de Ballet Marionettes."
 Organ—Reginald Foort, "The Riff Song" (Romberg) (B2463).
 H.M. Coldstream Guards Band, "The Geisha" Selection (Jones).
 La Scala Orchestra, "The Secret of Susanna" Overture (D1438).
 International Novelty Quartet, "The Veleta" (Morris) (Zono. 5587).
 New Light Symphony Orchestra, "Persiflage" (Francis) (H.M.V.).
 Trio—Fritz and Hugo Kreisler, Michael Rauchsau, "Arlesienne Intermezzo" (Bizet—arr. Kreisler) (DB1166).
 National Symphony Orchestra, "Norma" Overture (Bellini) (Zono.).
 Organ—Reginald Foort, "The Desert Song" (Romberg) (B2463).
 H.M. Coldstream Guards Band, "The Belle of New York" Selection.
 International Novelty Quartet, "Merry Widow Waltz" (Lehar).
 7.0 : News, market reports and sports results.
 7.40: Lecture—Mr. G. Girling Butcher, Inspector of Fire Brigades, "Fire Prevention and the Home."
 8.0 : Chimes. Dr. Eugene Ormandy and His Salon Orchestra.
 The Mirth Quakers.
 Weather report.
 International talk—Dr. Guy H. Scholesfield O.B.E.
 The Flying Song Squadron.
 Stardust.
 Whispers.
 God save the King.

SYA, CHRISTCHURCH (980 KILOCYCLES)—WEDNESDAY, OCTOBER 21.

- 3.0 : Gramophone recital.
 4.30: Sports results.

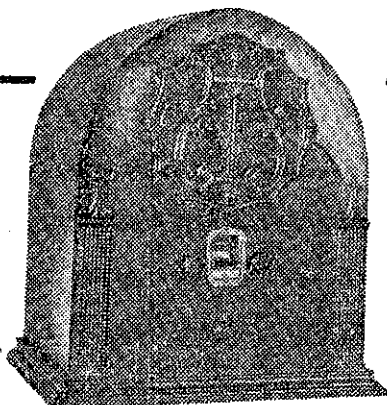
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- 5.0 : Children's hour, conducted by Uncle John.
 6.0 : Dinner music session (Columbia)—
 Bournemouth Municipal Orchestra, "Crown Diamonds" Overture.
 J. H. Squire's Celeste Octet, "Air on G String" (Bach, arr. Sear).
 New Concert Orchestra, "Nights of Fragrance" (Ziehrer) (02979).
 B.B.C. Wireless Symphony Orchestra, "H.M.S. Pinafore" Selection.
 J. H. Squire's Celeste Octet, "On Wings of Song" (Mendelssohn).
 Bournemouth Municipal Orchestra, "The Bronze Horse" Overture.
 J. H. Squire's Celeste Octet, "Putting the Clock Back" (arr. Squire) (DOX71); "Funeral March of a Marionette."
 New Concert Orchestra, "Vienna Maidens" (Ziehrer) (02979).
 Classic Symphony Orchestra, "Classic Memories" (arr. Elwing).
 J. H. Squire's Celeste Octet, "Ave Maria" (Bach, Gounod) (02569).
 7.0 : News session.
 7.30: Adding stock market reports.
 8.0 : Chimes. Overture—London Symphony Orchestra, "The Impresario."
 8.4 : Soprano—Miss Lottie Colville, with orchestral accompaniment, (a) "Songs My Mother Taught Me" (Dvorak); (b) "Damon" (Stange).
 8.10: Piano—Miss Dorothy Filkins, "Rhapsodie in G Minor" (Filkins).
 'Cello—Mr. Harold Beck, "Nocturne" (Filkins).
 8.21: Tenor—Mr. J. A. Blyth, with trio accompaniment, "Ah, Moon of My Delight" (Woodforde-Enden).
 8.27: Orchestral—Studio Octet (Harold Beck, conductor), "Ballet Suite."
 8.38: Contralto—Miss Nellie Lowe, (a) "Two Roses" (Gilberte); (b) "Ye Powers That Dwell Below" (Gluck).
 8.45: Piano—Miss Dorothy Filkins, (a) "Lament"; (b) "Swing Song."
 Violin—Miss Irene Morris, "Morceau de Soir" (Filkins).
 8.56: Soprano—Miss Lottie Colville, "Be Still Blackbird" (Sanderson).
 8.59: Flute with orchestra—John Amadio, "Flute Concerto" Finale (Mozart).
 9.3 : Weather forecast and station notices.
 9.5 : Soprano, bass and chorus—Meta Seinemeyer, Ivar Andresen and Berlin State Opera Chorus, (a) "Il Sante Nome Di Die"; (b) "La Vergine Degli Angeli" (Verdi) (Parlo. A5010).
 9.13: Tenor—Mr. J. A. Blyth, "Your Tiny Hand is Frozen" (Puccini).
 9.19: Orchestral—Studio Octet, (a) "Triumphal March" (Verdi); (b) "Minuetto" (Byford).
 9.24: Contralto—Miss Nellie Lowe, (a) "The Poet's Life" (Elgar); (b) "The Castilian Maid" (Lehmann).
 9.29: Mixed chorus—Manchester Children's Choir, "Nymphs and Shepherds."
 9.35: Dance music (Panachord and Polydor)—
 Foxtrots—Milt Shaw and His Detroiters, "Walkin' My Baby Back Home" (Turk) (P12098). Sleepy Hall and His Collegians, "On a Little Balcony in Spain" (Klein) (P12009). Benny Goodman and His Orchestra, "When Your Lover Has Gone" (Swan).
 9.44: Waltz—Paul Godwin's Dance Orchestra, "Strolling With You Through the Spring" (Rotter) (23946).
 Foxtrots—Paul Godwin's Dance Orchestra, "I Know That Once You'll Forget" (May) (23942). Will Osborne and His Orchestra, "Hello, Beautiful" (Donaldson) (P12098).
 9.53: Vocal—Alfred O'Shea, "Love Here is My Heart" (Ross) (Col. 01605).
 9.56: Foxtrots—Paul Godwin's Dance Orchestra, "Catch Me, My Darling, Catch Me" (Karlick) (23963); "When Are You Mine?" (May) (23947); "Letters From Your Girl" (Amberg) (23963).
 10.5 : Tango—Paul Godwin's Dance Orchestra, "My Heart is a Saloon" (May) Foxtrots—Ilja Livschakoff's Dance Orchestra, "Oh, Dorothy, When You I See" (Stolz) (23931). The Travellers, "I've Got a Sweet Somebody to Love Me" (Handman) (P12148).
 10.14: Vocal—Ray Raymond, "And Then Your Lips Met Mine" (Nelson).
 10.17: Foxtrots—Ilja Livschakoff's Dance Orchestra, "Three Little Things I Desire" (Stolz) (23931). The Travellers, "Dream a Little Dream of Me" (Kahn) (P12148). Milt Shaw and His Detroiters, "My Love For You" (Kahn) (P12006).
 10.26: Tango—Paul Godwin's Dance Orchestra, "Don't Be Sad" (Cowler). Foxtrots—Milt Shaw and His Detroiters, "It's an Old Spanish Custom" (Leslie) (P12009). White Coons' Orchestra, "Live and Love Today" (Janis) (P11992).
 10.35: Waltzes—Sleepy Hall and His Collegians, "Ukulele Moon" (Davis) (P12006). Mark Fisher and His Orchestra, "Gee! I'd Love to Be Your Sweetheart" (Tobias) (P12111).
 10.41: Vocal—Alfred O'Shea, "Just a Little Love, a Little Kiss" (Silesu).
 10.44: Foxtrots—Sleepy Hall and His Collegians, "It Must Be True" (Olifford) (P12066). Don Bigelow and His Orchestra, "Were You Sincere" (Meskill) (P12131). Sleepy Hall and His Collegians, "Just a Gigolo" (Caesar) (P12066).
 10.54: Waltzes—White Coons' Orchestra, "This is Love" (Grey) (P11992). Mark Fisher's Orchestra, "You Will Remember Vienna" (Romberg). Foxtrots—Don Bigelow and His Orchestra, "Think a Little Kindly of Me" (Johnson) (P12131). Mark Fisher's Orchestra, "I Bring a Love Song" (Romberg) (P12019).
 11.5 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—WEDNESDAY, OCTOBER 21.

- 3.0 : Selected recordings.
 3.15: Talk—"Making the Most of the Sunshine." By the Home Science Extension Department of Otago University.
 4.30: Sporting results.
 5.0 : Children's Hour, conducted by Big Brother Bill.
 6.0 : Dinner music session (Parlophone)—
 Edith Lorand's Orchestra, "Tales of Hoffman" Fantasia (Offenbach).
 Dajos Bela String Orchestra, "Goldregen" (Waldteufel) (A4238).

Thursday, October 22

1YA, AUCKLAND (875 KILOCYCLES)—THURSDAY, OCTOBER 22.

- Otto Dobrindt and His Symphony Orchestra, "Speak Not of Love Eternal" (Granichstaedten) (A4275).
 Dajos Bela Orchestra, "I Pagliacci" Selection (Leoncavallo) (A4090).
 Sandor Joszi Orchestra, "Polo" (Fetras) (A2851).
 Berlin State Opera Orchestra, "Rustle of Spring" (Sinding) (A2735).
 Dajos Bela Orchestra, "Delirien" Waltz (Strauss) (A4182); "Count of Luxembourg" Waltz (Lehar) (A4182).
 Sandor Joszi Orchestra, "Marionette's Wedding March" (Rathie).
 Dajos Bela Orchestra, "Viennese Waltz Potpourri" (Robrecht).
 Berlin State Opera Orchestra, "Praeludium" (Jarnefeldt) (A2735).
 Dajos Bela String Orchestra, "Gold and Silver" (Lehar) (A4238).
 Mitja Nikisch and His Symphony Orchestra, "Madelon" Dream waltz.
- 7.0 : News session.
- 7.15 : Talk—Mr. Hollingsworth, under auspices of 4YA Primary Productions Committee, "Spring Gardens."
- 8.0 : Chimes. Overture.—Bournemouth Municipal Orchestra, "Pique Dame"
- 8.9 : Programme by Hanover Street Church Choir, conducted by Mr. H. P. Desmoulins. Accompaniste—Mrs. H. C. Campbell.
 Chorus—The Choir, "Into The Woods" (Nevin); Part song—"Old Folks at Home" (Trdtl.).
- 8.16 : Piano—Mrs. H. C. Campbell, "Scherzo in B Flat Minor" (Chopin).
 8.22 : Male Quartets—Members of the Choir, (a) "Polly-Wolly-Doodle" (Trdtl.); (b) "My Old Kentucky Home" (Foster).
 8.28 : Trio—Mrs. H. C. Campbell, Miss E. Judd and Mr. O. McFarlane "Trio in D Minor, Op. 32" (Arensky).
 8.40 : Rounds—The Choir—"Three Catches" (Trdtl.): (1) "The Bell Doth Toll"; (2) "Scotland's Burning"; (3) "Merrily, Merrily."
 8.50 : Violin—Miss E. Judd, "Songs My Mother Taught Me."
 8.55 : Trios for Ladies' Voices—Members of the Choir, (a) "The Flower Greeting" (Curschmann); (b) "Lift Thine Eyes" (Mendelssohn).
- 9.0 : Weather report and station notices.
- 9.2 : Talk—Mr. Ronald Chamberlain, Music Examiner for Trinity College, London.
- 9.17 : Polonaise—Royal Opera House Orchestra, Stockholm, "Eugen Onegin" (Tschaikowsky) (Parlo. E11115).
- 9.21 : Carol with Descant—The Choir, "O, Little Town of Bethlehem."
 Mixed Quartet—The Choir, "The Lost Chord" (Sullivan).
- 9.29 : Trio—Mrs. H. C. Campbell, Miss E. Judd and Mr. O. McFarlane, "Norwegian Dances" (Grieg).
- 9.39 : Dance session (Columbia and Regal)—
 Foxtrots—Paul Specht and His Orchestra, "I Bring a Love Song" (Romberg) (DO298); Fred Rich and His Orchestra, "I'm the Last One Left on the Corner" (Whitehouse) (Reg. G21064); Ted Lewis and His Band, "Sobbin' Blues" (Kassel) (DO273).
 9.48 : Waltzes—Debroy Somers Band, "When It's Sunset on the Nile" (Kennedy) (DO417); "Girl of a Million Dreams" (Gilbert) (DO404).
 Foxtrot—Leo Reisman and His Orchestra, "The Three Musketeers March" (Friml) (DO384).
 9.57 : Vocal—The Trix Sisters, "I'm Crazy Over You" (Sherman) (01484).
- 10.0 : Foxtrots—Lloyd Keating and His Music, "Baby's Birthday Party" (Ronell) (Reg. G20954); Billy Cotton and His Band, "Walkin' My Baby Back Home" (Turk) (DO416); Van Phillips and His Band, "Oh! Donna Clara" (Petersburgski) (DO293); Denza Dance Band, "Cupid on the Cake" (Reaves) (Reg. G20954).
- 10.12 : Waltzes—Jack Payne and His B.B.C. Dance Orchestra, "Falling in Love Again" (Hollander) (DO293); Rudy Marlow and His Orchestra, "I'm Alone Because I Love You" (Young) (Reg. G20955).
- 10.18 : Foxtrots—Debroy Somers Band, "The One Man Band" (Weems) (DO 403); Jack Payne and His B.B.C. Dance Orchestra, "Good-Night Sweetheart" (Noble) (DO404); Billy Cotton and His Band, "Egyptian-ella" (Doyle) (DO403).
- 10.27 : Vocal—Walter Kingsley, "That's When You Need a Friend."
- 10.30 : Foxtrots—Debroy Somers Band, "She's Not Worth Your Tears"; (Warren) (DO417); Smith Ballew and His Orchestra, "Say a Little Prayer For Me" (Nicholls) (Reg. G21083).
- 10.36 : Waltzes—Paul Specht and His Orchestra, "Then You'll Remember" (Romberg) (DO298); Chester Leighton and His Sophomores, "Ukelele Moon" (Davis) (Reg. G20920).
 Foxtrot—Billy Cotton and His Band, "Hello Beautiful" (Donaldson).
- 10.45 : Vocal—The Trix Sisters, "My Rock a Bye Baby" (Leslie) (01484).
- 10.48 : Foxtrots—The Melodiers, "If You Should Ever Need Me" (Burke) (Reg. G21067); Fred Rich and His Orchestra, "Got the Bench. Got The Park" (Lewis) (Reg. G21064); Frank Auburn and His Orchestra, "The Little Things in Life" (Berlin) (G20955); The Melodiers, "That Little Boy of Mine" (Meroff) (G21087).
- 11.0 : Foxtrots—Leo Reisman and His Orchestra, "Ma Belle" (Friml) (DO 348); Jack Albin and Hotel Pennsylvania Music, "I Miss a Little Miss" (Seymour) (Reg. G20920); Jack Payne and His B.B.C. Dance Orchestra, "The Sleepy Town Express" (Gillespie).
- 11.9 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—WEDNESDAY, OCT. 21.

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

- 3.0 : Chimes. Selected recordings.
- 3.15 : Talk—"Sleep." Talk prepared by the Home Science Extension Service of Otago University.
- 4.30 : Sporting results.
- 5.0 : Children's session, conducted by Skipper.
- 6.0 : Dinner music session (H.M.V.)—
 National Symphony Orchestra, "Light Cavalry" Overture (Suppe).
 De Groot and the Piccadilly Orchestra, "Till I Wake."
 London Symphony Orchestra, "Chanson de Matin" (Elgar) (D1236).
 San Francisco Symphony Orchestra, "Liebeslied" (Kreisler) (ED6).
 Philadelphia Symphony Orchestra, "Invitation to the Waltz" (Weber).
 New Light Symphony Orchestra, "Spanish Serenade" (Bizet) (B2584).
 Creatore's Band, "Semiramide" Overture (Rossini) (O1420).
 De Groot and the Piccadilly Orchestra, "The Temple Bells."
 London Symphony Orchestra, "Chanson de Nuit" (Elgar) (D1236).
 San Francisco Symphony Orchestra, (a) "Serenade" (Moszkowski); (b) "Aubade" (Auber) (ED6).
 New Light Symphony Orchestra, "Spanish Dance No. 1" (Moszkowski).
 San Francisco Symphony Orchestra, "Valse de Concert" (Glazounov).
- 7.0 : News and market reports.
- 7.40 : Talk, under the auspices of the New Zealand Manufacturers' Association, "Millinery and Hat Making."
- 8.0 : Chimes. Concert by the Orpheus Musical Club.
 March—The Orchestra, "The Gladiators' Farewell" (Blankenburg); Overture—"Pique Dame" (Suppe).
- 8.14 : Contralto—Mrs. L. E. Lambert, "The Country Lover" (Peel): (a) "The Little Waves of Breffney"; (b) "Early Morning"; (c) "April."
 8.22 : Piccolo with orchestra—Mr. Will Henderson, "Merriment" (Wood).
 8.27 : Soprano—Mrs. Rewa Hipwell, "Villanelle" (Del'Acqua).
 8.31 : Orchestral—The Orchestra, "By the Blue Hawaiian Waters."
 8.40 : Piano—Jeanne Marie Darre, "The Gipsy Baron" Waltz.
 8.46 : Contralto—Mrs. L. E. Lambert, (a) "Beloved Sleep" (Slater); (b) "Prelude" (Scott).
- 8.52 : Suite—The Orchestra, "Incidental Music from Monsieur Beaucaire" (Rosse): (1) Intermezzo; (2) Leit Motif; (3) Gavotte; (4) Chant des Voyagers; (5) Music of Love Scene; (6) March Theme.
- 9.1 : Evening weather forecast and announcements.
- 9.3 : Cornet—Mr. Reg. Davies, "Abide With Me" (Liddle).
- 9.8 : Orchestral—The Orchestra, Waltz from "Viennese Nights" (Romberg).
- 9.16 : Soprano—Mrs. Rewa Hipwell, (a) "The Wild Welsh Coast" (Bantock); (b) "Love the Merchant" (Carew).
- 9.22 : Selection—The Orchestra, "The Country Girl" (Monckton).
- 9.31 : March—The Orchestra, "Blaze of Glory" (Holzmann).
- 9.35 : Programme of dance music (Brunswick)—
 Foxtrots—Tom Gerun and His Orchestra, "What Good Am I Without You?" (Ager) (4999). Ben Bernie and His Orchestra, "He's Not Worth Your Tears" (Dixon) (4976). Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "It Must Be True" (Arnheim) (4984). Ben Bernie and His Orchestra, "The Wind in the Willows" (Carter) (6025).
- 9.47 : Waltz—Regent Club Orchestra, "It Is Destiny" (Grey) (6000).
 Foxtrots—Hal Kemp and His Orchestra, "Them There Eyes" (Pinkard) (4992). Harry Reser and The Six Jumping Jacks, "The Wedding in the Ark" (Wallace) (6007).
- 9.56 : Vocal—North and South, "Barrackly Bert the Soldier" (Clifford).
- 9.59 : Foxtrots—Ben Bernie and His Orchestra, "Can't You See I'm Lonely?" (Kahn) (4976). Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "The Little Things in Life" (Berlin) (4984). Hal Kemp and His Orchestra, "Hurt" (Plantadosi) (4992).
- 10.8 : Tangos—Juan Llossas Orchestra, "Tavern Tango" (Mario Sarrocchi) (Poly. 22425); "On Far Away Highroads" (Filiberto) (22983).
- 10.14 : Vocal—Chester Gaylord, "You're Lucky to Me" (Razaf) (6010).
- 10.17 : Foxtrots—Tom Gerun and His Orchestra, "Nine Little Miles From Ten Ten Tennessee" (Sherman) (4999). Isham Jones' Orchestra, "Love some Lover" (Bryan) (6015). Emil Coleman and His Orchestra, "Overnight" (Rose) (4977).
- 10.26 : Waltzes—Bob Haring and His Orchestra, "Chimes of Spring" (Gilbert) (6031). Joe Green and His Orchestra, "My Missouri Home."
- 10.32 : Foxtrots—Ben Bernie and His Orchestra, "Just a Gigolo" (Casucci) (6023); "Everything But Love" (Kahn) (6025). Ben Bernie and His Orchestra, "The River and Me" (Dubin) (6023).
- 10.41 : Vocal—North and South, "Sittin' on a Five Barred Gate" (Hargreaves).
- 10.44 : Foxtrots—Emil Coleman and His Orchestra, "I Love Love" (O'Keefe) (4977). Abe Lyman and His Californian Orchestra, "Us and Company" (Nelson) (4993).
 Tangos—Juan Llossas' Orchestra, "Majannah" (Llossas) (22425); "Carnations" (Demare) (22983).
- 10.56 : Foxtrots—Tom Gerun and His Orchestra, "Come a Little Closer" (Green) (6002). Abe Lyman and His Californian Orchestra, "As Long as We're Together" (Bard) (4993). Tom Gerun and His Orchestra, "You're the One I Care For" (Link) (6002).
- 11.5 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—THURSDAY, OCTOBER 22.

10.0 : Chimes. Selected gramophone recordings.
 10.45 : Lecturette—"Cooking."

- 11.37: Lecturette, under the auspices of the Health Department—"Middle Age."
- 12.0 : Lunch hour music.
- 2.0 : Selected recordings.
- 3.15: Lecturette—Miss I. F. Meadows, "Sleep." Talk prepared by the Home Science Extension Department of the Otago University.
- 3.30 and 4.30: Sporting results.
- 5.0 : Children's hour, conducted by Uncle George and Big Brother Jack.
- 6.0 : Dinner music session (H.M.V.)—
Philadelphia Symphony Orchestra, "Damnation of Faust—Marche Hongroise" (Berlioz) (ED7).
New Light Symphony Orchestra, "The Waltzing Doll" (Poldini).
International Novelty Quartet, "Teddy Bears' Picnic" (Bratton).
New Mayfair Orchestra, "Wake Up and Dream" Selections (Porter).
Organ—Edward O'Henry, "Just As We Used To Do" (Rulli) (B3428).
Salon Orchestra, "Chanson Boheme" (Baldi) (B2581).
Marimba Band, "Morales Lopez" (Bolanos) (Zono. EE207).
De Groot's Piccadilly Orchestra, "Friend O' Mine" (Sanderson).
International Novelty Quartet, "The Skaters" (Waldteufel).
National Military Band, "Lohengrin" Prelude (Wagner) (Zono. A358).
Berlin State Opera Orchestra, "Der Rosenkavalier" waltz (Strauss).
New Light Symphony Orchestra, "At Dawning" (Cadman) (B2629).
Philadelphia Symphony Orchestra, "Samson and Delilah" Bacchanale.
Salon Orchestra, "Aloha Sunset Land" (Kawelo) (B2581).
Marimba Band, "Aguas Dormidas" (Bolanos) (Zono. EE207).
Organ—Edward O'Henry, "Dream Lover" (Schertzinger).
De Groot's Piccadilly Orchestra, "None But the Weary Heart."
- 7.0 : News, market reports and sports results.
- 7.40: Lecturette—Mr. Johannes Anderson, Librarian Turnbull Library, "Maori Folk Lore."
- 8.0 : Chimes. Special Commemoration programme of the Battle of Trafalgar, by the Port Nicholson Silver Band and 2YA artists.
March—The Band, "Anchor's Aweigh" (Zimmerman); waltz, "Wine, Woman and Song" (Strauss).
- 8.15: Male quartet—The Serenaders, "Sons of the Sea" (McGlennon).
Baritone and chorus—Mr. Clement Howe, "The Midshipmite."
- 8.21: Selection—Band, "Sea Songs" (arr. Hawkins).
- 8.27: Elocution—Mr. Clement May, "Ballad of the Clamperdown" (Kipling).
- 8.34: Chorus—Daily Express Community Singing (10,000 voices), (a) "Fire Down Below" (arr. Terry); (b) "Marching Through Georgia."
- 8.40: Trombone with Band—"Death of Nelson" (Braham).
- 8.46: Male quartet—The Serenaders, "Anchored" (Watson).
Bass—Mr. K. H. B. Strong, "Rocked in the Cradle of the Deep."
- 8.52: Potpourri—The Band, "Nautical Moments" (arr. Winter).
- 9.0 : Weather report and station notices.
- 9.2 : Overture—New Queen's Hall Light Orchestra, "Britannia."
- 9.10: Male quartet—The Serenaders, "The Bay of Biscay" (Davy).
Tenor—Mr. E. L. Howe, "Tom Bowling" (Dibdin).
- 9.16: Fantasia—The Band, "Trafalgar" (arr. Hume).
- 9.28: Elocution—Mr. Clement May, "The Old Superb" (Newbolt).
- 9.35: Organ—Arthur Meale, "The Storm" (Meale) (H.M.V. B2347).
- 9.41: Duet—Messrs. E. L. and Clement Howe, "Larboard Watch."
Baritone—Mr. H. F. Gardiner, "The Sailor's Paradise" (Richards).
- 9.47: Chorus—Mixed Chorus, "Sea Songs" (H.M.V. EB25).
- 9.51: Patrol—The Band, "Phantom Brigade" (Myddleton); March—"Before the Mast" (arr. J. J. Drew).
- 10.2 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—THURSDAY, OCTOBER 22.

- 3.0 : Gramophone recital.
- 3.15: Lecturette—"Sleep." Talk prepared by the Home Science Extension Service of Otago University.
- 4.30: Sports results.
- 5.0 : Children's hour, conducted by Uncle Frank and Ladybird.
- 6.0 : Dinner music session (Polydor)—
Berlin State Opera Orchestra, "Cosi Fan Tutte" Overture (Mozart).
Efim Schachmeister's Dance Orchestra, "Second Waltz Medley."
Symphony Orchestra, "Frasquita" Medley (Lehar) (27025).
Paul Godwin's Orchestra, "First Love" (Michiels) (27006).
Symphony Orchestra, "The Last Waltz" Medley (Oscar Strauss).
Paul Godwin's Orchestra, "Cinderella's Bridal Procession" (Dicker).
Symphony Orchestra, "Eva" Medley (Lehar) (27025); "The Forester's Daughter" Medley (Jarno) (27049).
Paul Godwin's Orchestra, "Lake of Como" (Galos) (27006); "Throbbing Heart" (Ellenberg) (27007).
- 7.0 : News session.
- 7.15: Talk—Mr. R. W. Marshall, District Manager, Government Tourist Department, "Tourist Resorts."
- 7.30: Talk—Mr. C. Holdsworth, "The Wool Industry." Talk under the auspices of 3YA Primary Productions Committee.
- 8.0 : Chimes. Specially Recorded International Programme.
Dr. Eugene Ormandy and His Salon Orchestra.
The International Singers.
Abroad with the Lockharts.
Weather forecast and station notices.
International talk—Mr. R. M. Laing, M.A., B.Sc., "The Political Situation in Germany."
Ambassadors of Melodyland.
Hywide and Handsome.
Nat Brusloff and His Lido Venice Orchestra.
God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, OCTOBER 22.

SILENT DAY.

Friday, October 23

1YA, AUCKLAND (875 KILOCYCLES)—FRIDAY, OCTOBER 23.

- 3.0 : Chimes. Selected recordings.
- 3.15: Literary selection.
- 4.30: Sporting results.
- 5.0 : Children's session, conducted by Nod and Aunt Jean.
- 6.0 : Dinner music session (Columbia)—
Regal Salon Orchestra, "Memories of Beethoven" (Beethoven).
Plaza Theatre Orchestra, "Gipsy Suite" (German): (1) Valse (Lonely Life), (2) Allegro (The Dance) (02537).
Columbia Symphony Orchestra, "Al Fresco" (Herbert) (01092).
Ketelbey's Concert Orchestra, "By the Blue Hawaiian Waters."
J. H. Squire's Celeste Octet, "Invitation to the Valse" (Weber).
Orchestra de la Societe des Concerts du Conservatoire, Paris, "Le Rouet D'Omphale" (Saint Saens) (02926).
Plaza Theatre Orchestra, "Gipsy Suite" (German): (3) "Menuetto" (Love duet), (4) "Tarantella" (The Revel) (02538).
Columbia Symphony Orchestra, "Badinage" (Herbert) (01092).
Menorah Symphony Orchestra, "Bar Kochba" Selection (Goldfaden).
J. H. Squire's Celeste Octet, "Chant Sans Paroles" (Tschalkowsky).
- 7.0 : News and market reports.
- 7.40: Sports talk.
- 8.0 : Chimes. A Concert by the Jubilee Institute for the Blind. Conductor of Band, Mr. George Bowes; Conductor of the Choir, Miss Alice Laws.
March—The Band, "Invercargill" (Lithgow), waltz—"Estudiantina."
- 8.9 : Vocal—Miss May Bray, (a) "I've Been Rov'ing" (Horn); (b) "The Lass With The Delicate Air" (Arne).
- 8.15: Accordion—Morceaux, (a) "Little Words of Love"; (b) "Espada."
- 8.21: Part songs—The School Choir—(a) "Pond Lilies" (Forman); (b) "The Country Farmer's Song" (Sharp).
- 8.27: Organ—Arthur Meale, (a) "Twilight Melody"; (b) "Marche Festive."
- 8.33: Waltz—Jazz Band, "When Your Hair Has Turned To Silver" (Tobias); Jazz—"The King's Horses" (Graham).
- 8.39: Vocal duet—Messrs. Allan Morton and Jack Shortt, (a) "Partners" (Wilson); (b) "O'er the Mountains" (Foxwell).
- 8.45: Balalaika—Grand Russian Balalaika Orchestra, "Snowflake."
- 8.48: Cornet—Mr. Allan Morton, "Serenade" (Schubert).
- 8.52: Humour—Flotsam and Jetsam, "Optimist and Pessimist" (Hilliam).
- 8.55: Overture—The Band, "Faust" (Gounod); March—"Good-Bye Mavourneen" (Macky-Beyer).
- 9.2 : Weather forecast and announcements.
- 9.4 : Part songs—The School Choir, (a) "The Moon" (Foxwell); (b) "Spring Song" (Berger).
- 9.10: Saxophone—Mr. Stuart Gordon, "Piggly-Giggly" (Barroll).
- 9.13: Selection—Paul Godwin's Orchestra, "La Poupee De Nuremberg."
- 9.17: Piano—Miss Lillian Martin, "Valse Caprice" (Holbrooke).
- 9.21: Vocal trio—Connie Whiteford, Allan Morton and Stuart Gordon, "O'er the Deep" (Wilson).
- 9.25: Organ—Archer Gibson, "The Old Refrain" (arr. Kreisler).
- 9.29: Foxtrots—The Jazz Band, (a) "Walking My Baby Back Home" (Turk); (b) "Hello Beautiful" (Donaldson); (c) "Betty Co-Ed." (b) "Carmena" (Wilson).
- 9.45: Clarinet—Mr. Stuart Gordon, "Schon Rosmarin" (Kreisler).
- 9.49: Humour—Will Fyffe, "I'm 94 To-Day" (Fyffe) (Col. 961).
- 9.53: Fantasia—The Band, "The Smithy in the Wood" (Micheaells); March—"Junior League" (Beyer).
- 10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—FRIDAY, OCTOBER 23.

- 10.0 : Chimes. Selected gramophone recordings.
- 11.12: Lecturette—"Fashions."
- 12.0 : Lunch hour music.
- 2.0 : Selected recordings.
- 3.30 and 4.30: Sporting results.
- 5.0 : Children's hour, conducted by Uncle Jim.
- 6.0 : Dinner music session (Columbia)—
Albert Sandler and His Orchestra, "My Dream Memory" (Levant).
Menorah Symphony Orchestra, "Shulamith" Selection (Goldfaden).
J. H. Squire's Celeste Octet, "Serenade" (Moszkowski-Sear) (4194).
Royal Philharmonic Orchestra, "Blue Danube" Waltz (Strauss).
Jean Lensen and His Orchestra, "Ideale" (Tosti, arr. Tavan) (01917).
Cordoba Philharmonic Orchestra, "Carnival" (Lucena) (DOX77).
Organ—Quentin Maclean, "Lily of Laguna" (Stuart) (DO24).
Herman Finck and His Orchestra, "Old and New" Potpourri of Popular Melodies (arr. Finck) (DOX45 and 59).
Albert Sandler and His Orchestra, "Give Me Back My Heart."
J. H. Squire's Celeste Octet, "Moment Musicale" (Schubert-Sear).
Jean Lensen and His Orchestra, "Love's Last Day" (Benatsky).
Cordoba Philharmonic Orchestra, "La Habanera" (Lucena) (DOX77).
Organ—Quentin Maclean, "Little Dolly Daydream" (Stuart) (DO24).
- 7.0 : News, market reports and sports results.

- 8.0 : Chimes. Overture—2YA Orchestra (Conductor, Signor A. P. Truda), "Morning, Noon and Night" (Suppe).
- 8.8 : Tenor—Mr. Edgar Swain, (a) "Golden Days"; (b) "Serenade"; (c) "Deep in My Heart" (Romberg).
- 8.15 : Guitars—Mrs. Mildred Kenny's Guitar Trio, (a) "Baby Feet Go Pitter-Patter" (Kahn); (b) "If I'm Dreaming" (Burke).
- 8.22 : Baritone—Mr. Reg. Blow, with orchestral accompaniment, (a) "Trooper Johnny Ludlow" (Temple); (b) "Absent" (Metcalfe).
- 8.28 : Humour—Mr. Len Ashton, "Germs" (Levi).
- 8.33 : Selection—2YA Orchestra, "Sunshine Girl" (Rubens).
- 8.42 : Contralto—Miss Mabel Dyer, (a) "Roses of Picardy" (Haydn-Wood); (b) "Love's Eden" (Bogart).
- 8.48 : Guitars—Mrs. Mildred Kenny's Guitar Trio, (a) "One Little Rain-drop" (Richman, Meskill and Schwartz); (b) "By the Mississippi."
- 8.56 : Baritone—Mr. Reg. Blow, with orchestral accompaniment, (a) "Crown of the Year" (Martin); (b) "Tommy Lad" (Margetson).
- 9.2 : Weather report and station notices.
- 9.4 : Intermezzo—2YA Orchestra, Two Light Syncopated Pictures, (a) "Moon Magic"; (b) "Rose of Samarkand" (Coates).
- 9.12 : Humour—Mr. Len Ashton, "That Reminds Me Where I Left My Umbrella" (Weston and Lee).
- 9.17 : Duet—Miss Mabel Dyer and Mr. Edgar Swain, "Night of Stars and Night of Love" (Offenbach).
- 9.21 : Intermezzo—2YA Orchestra, "Blue Bells" (Zamecnik); Foxtrot, "Polly" (Zamecnik).
- 9.30 : Dance programme (Panachord)—
Foxtrots—Benny Goodman and His Orchestra, "We Can Live on Love" (Golden) (P12120); "And Then Your Lips Met Mine" (Nelson) (P12023); "If You Haven't Got a Girl" (Davis) (P12079).
- 9.39 : Waltzes—Mark Fisher's Orchestra, "Beautiful Love" (Gillespie) (P12146). Jack Richard and His Miami Orchestra, "Gazing at the Stars" (Crawford) (P12101).
- 9.45 : Foxtrots—Sleepy Hall and His Collegians, "The Song of the Fool" (Lewis) (P12023). Ed Loyd and His Orchestra, "Whistling in the Dark" (Moretz) (P12146).
- 9.51 : Vocal—Norman Allin, "Off to Philadelphia" (Temple) (Col. 01590).
- 9.54 : Foxtrots—Spec Mason's Orchestra, "Thank Your Father" (de Sylva) (P11988). Marek Fisher's Orchestra, "Three Little Words" (Kalmar) (P12002). The Captivators, "We're Friends Again" (Turk).
- 10.3 : Tangos—Ilja Livschakoff and His Dance Orchestra, "In a Little Summer House" (Egen) (Poly. 23906). Paul Godwin's Dance Orchestra, "Fair Haired Clare" (Llossas) (23945).
- 10.9 : Foxtrots—Will Osborne and His Orchestra, "That Little Boy of Mine" (King) (P12118); "By My Side" (Link) (P12101). Spec Mason's Orchestra, "Without Love" (de Sylva) (P11988).
- 10.18 : Vocal—Queenie and David Kaili, "When Your Hair Has Turned to Silver" (Tobias) (Parlo. A3210).
- 10.21 : Waltz—Mark Fisher and His Orchestra, "For You" (Dublin).
Foxtrots—Benny Goodman and His Orchestra, "Mine Yesterday—His To-day" (Lewis) (P12100). Will Osborne and His Orchestra, "Say a Little Prayer For Me" (Nichols) (P12118); "Heartaches."
- 10.33 : Tangos—Paul Godwin's Dance Orchestra, "It's You My Lady I Adore" (Grothe) (Poly. 23945). Ilja Livschakoff's Dance Orchestra, "Why Are Your Eyes Bedewed With Tears?" (Rosen) (23906).
Foxtrots—Will Osborne and His Orchestra, "A Tear was Born" (Deniker) (P12087). Sleepy Hall and His Collegians, "I Hate Myself" (Silver) (P12077).
- 10.45 : Vocal—Norman Allin, "A West Country Courting" (O'Reilly).
- 10.48 : Waltz—Benny Goodman and His Orchestra, "Falling in Love Again."
Foxtrots—Spec Mason's Orchestra, "As Long as We're Together" (Barton) (P11991). Will Osborne and His Orchestra, "Lady Play Your Mandolin" (Caesar) (P12087). Spec Mason's Orchestra, "So Beats My Heart For You" (Henderson) (P11991).
- 11.0 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—FRIDAY, OCTOBER 23.

- 3.0 : Gramophone recital.
- 4.30 : Sports results.
- 5.0 : Children's hour, conducted by Aunt Pat and Chuckle.
- 6.0 : Dinner music session (Parlophone)—
Berlin State Opera Orchestra, "Academic Festival" Overture (Brahms) (A4210); "From Foreign Parts": Italy, Germany (Moszkowski).
Frank Westfield's Orchestra, "Lilac Time" Selection.
Berlin State Opera Orchestra, "Schwanda the Bagpipe Player."
Dajos Bela Orchestra, "Schatz Waltz" (Strauss) (A4110); "Mosaic—Potpourri" (Zimmer) (A4278).
Grand Symphony Orchestra, "The Land of Smiles" Selection (Lehar).
Berlin State Opera Orchestra, "From Foreign Parts": Spain, Hungary.
Dajos Bela Orchestra, "Moonlight on the Alster" (Fetras) (A4110).
- 7.0 : News session.
- 7.30 : Dialogue—Messrs. D. Cossgrove and W. Melbourne, "Radio Service."
- 8.0 : Chimes. Selection—Percival Mackey's Band, "The Vagabond King."
- 8.8 : Quartet—Valencia Quartet, "Down the Hills Corinna Trips."
Bass—Mr. W. J. Richards, "Keep on Hopin'" (Sanderson).
- 8.13 : Piano novelties—Miss Maisie Ottey, (a) "Fleurette"; (b) "Triplets."
- 8.18 : Soprano—Miss Lucy Fullwood, with Octet accompaniment, "Laugh and Sing" (Drummond).
- 8.21 : Orchestral—Studio Octet (Conductor, Harold Beck), "New Sullivan Selection" (arr. Godfrey).
- 8.35 : Quartet—Valencia Quartet, "Cradle Song" (Brahms).

- Contralto—Miss Jean Johnson, with Octet accompaniment, "Coming Home" (Willeby).
- 8.41 : Organ—Quentin Maclean, "Doge's March" (from "The Merchant of Venice") (Rosse) (Col. 02797).
- 8.45 : Sketch—The Mascots, "Jo and Vi," "The Hot Tip."
- 9.5 : Weather forecast and station notices.
- 9.7 : Orchestral—Dorsey Bros. and Concert Orchestra, "Was It a Dream?"
- 9.13 : Tenor—Mr. T. G. Rogers, with Octet accompaniment, "Alice, Where Art Thou?" (Ascher).
- 9.16 : Piano novelties—Miss Maisie Ottey, (a) "Juggling the Ivorys"; (b) "Rag a La Russe" (Jentes).
- 9.21 : Quartet—Valencia Quartet, "On the Banks of Allan Water" (Trdtl.).
- 9.24 : Orchestral—Studio Octet, (a) "Masquerade" (Byford); (b) "Pizzicato" (O'Donnell); (c) "Old South" (Zamecnik).
- 9.32 : Soprano—Miss Lucy Fullwood, "The Wind" (Spross).
Tenor and bass—Valetta Duo, "Flow Gently Deva" (Parry).
- 9.38 : Orchestral—Super-Cinema Orchestra, "Love's Dream After the Ball."
- 9.42 : Contralto—Miss Jean Johnson, "Life's Recompense" (Del Riego).
- 9.45 : Quartet—Valencia Quartet, "Sweet and Low" (Barnby).
- 9.48 : Humour—Syd. Howard, Vera Pearce and Company, "Our Village Concert" (H.M.V. C1782).
- 9.56 : Waltz—Studio Octet, "A Thousand and One Nights" (Strauss).
- 10.4 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—FRIDAY, OCTOBER 23.

- 3.0 : Selected recordings.
- 4.30 : Sporting results.
- 5.0 : Children's hour, conducted by Aunt Sheila.
- 6.0 : Dinner music session (Columbia)—
Milan Symphony Orchestra, "Masaniello" Overture (Auber).
Cordoba Philharmonic Orchestra, "La Habanera" (Lucena) (DOX77).
Herman Finck and His Orchestra, "Melodious Memories."
Sir Henry J. Wood's Symphony Orchestra, "Prelude in C Sharp Minor" (Rachmaninoff, arr. Wood) (DOX83).
J. H. Squire's Celeste Octet, "Memories of Chopin" (arr. Willoughby).
London Theatre Orchestra, "Frederica Selection" (Lehar) (DOX145).
Regal Cinema Orchestra, "Viennese Nights" Waltzes Selection.
Sir Henry J. Wood's Symphony Orchestra, "Volga Boat Song."
Cordoba Philharmonic Orchestra, "Carnival" (Lucena) (DOX77).
- 7.0 : News session.
- 8.0 : Chimes. Overture—Grand Symphony Orchestra, "The Land of Smiles."
- 8.9 : Bass-baritone—Mr. R. B. Macdonald, (a) "What the Red-Haired Bosun Said" (Harrhy); (b) "Harlequin" (Sanderson).
- 8.15 : Cornet—Mr. G. Christie, (a) "The Trumpeter" (Dix); (b) "Absent."
- 8.21 : Scots humour—Mr. James A. Paterson, (a) "When McKay Started Learning to Play the Bagpipes" (Tyffe); (b) "Roderick McKenzie."
- 8.28 : Chorus—Light Opera Company, "Songs of Wales" (H.M.V. C2040).
- 8.32 : Mezzo-contralto—Miss Doreen Sheehy, "Love's Garden of Roses."
- 8.36 : Accordion—Mr. J. Dalbianco, "Popular Melodies" (arr. Dalbianco).
- 8.41 : Tenor—Mr. J. Kennedy, (a) "Mary of Argyle" (Nelson); (b) "If You Would Love Me" (McDermid).
- 8.47 : Humour—Norman Long, "I Had To Go and Dray Another Pound Out."
- 8.50 : Soprano—Miss Dora Drake, "When You Come Home" (Squire).
- 8.53 : Dulcitone selections—Mr. Thos. J. Kirk-Burnand, (a) "The Bells of St. Mary's" (Ball); (b) "The First Noel" (Trdtl.); (c) "Minuet."
- 9.1 : Weather report and station notices.
- 9.3 : Orchestra with chorus—Nat Shilkret and Salon Group, "Stephen Foster Melodies" (Foster) (H.M.V. C1657).
- 9.11 : Tenor—Mr. J. Kennedy, "The Bonnie Banks of Loch Lomond."
- 9.15 : Accordion—Mr. J. Dalbianco, "Popular Melodies" (arr. Dalbianco).
- 9.20 : Mezzo-contralto—Miss Doreen Sheehy, (a) "By the Waters of Minnetonka" (Lieurance); (b) "Sincerity" (Clarke).
- 9.26 : Band—Band of H.M. Grenadier Guards, "Gallantry"—Duo d'Amour.
- 9.30 : Scots humour—Mr. James A. Paterson, "I Love Ma Jean" (Lauder).
- 9.34 : Dulcitone selections—Mr. Thos. J. Kirk-Burnand, (a) "Oh! Dem Golden Slippers" (Bland); (b) "Steal Away"; (c) "O! Susanna" (Foster); (d) "Aloha Oe" (Trdtl.).
- 9.40 : Soprano—Miss Dora Drake, (a) "Go Down to Kew in Lilac-time" (Peel); (b) "Night is Our Sister" (Chuter).
- 9.46 : Cornet—Mr. G. Christie, "Sweet Spirit, Hear My Prayer" (Weide).
- 9.52 : Bass-baritone—Mr. R. B. Macdonald, "Tween Decks" (Lumsden).
- 9.56 : Chorus—Light Opera Company, "Songs of England" (H.M.V. C2040).
- 10.0 : God save the King.

Saturday, October 24

1YA, AUCKLAND (875 KILOCYCLES)—SATURDAY, OCTOBER 24.

- 12.0 : Results of the first day of the Auckland Trotting Club's spring meeting.
- 5.0 : Children's session, conducted by Cinderella.
- 6.0 : Dinner music session (Parlophone)—
Dajos Bela Orchestra, "Russian Fantasie" (Lange) (A4003).
The Victor Olof Salon Orchestra, "The Merchant of Venice" Incidental Music: (a) "Prelude No. 1"; (b) "Intermezzo Portia, and Oriental March"; (c) "Prelude No. 2"; (d) "Doge's March" (Rosse).
Parlophone Dance Orchestra, "The Skaters" (Waldteufel) (A2648).
Opera Comique Orchestra, "The Scotchintsi Fair"—A Hot Day in Little Russia (Moussorgsky) (A3029).

Dajos Bela Orchestra, "Marien Klange" Waltz (Strauss) (A4038).
 Berlin State Opera Orchestra, "Christmas Concerto" (Corelli).
 Dajos Bela Orchestra, "Morgenblätter" (Strauss) (A4038); "Fantasie Orientale" (Lange) (A4003); "Dynamiden" Waltz (Josef Strauss).

7.0 : News and market reports.

7.40: Talk, under the auspices of the New Zealand Amateur Radio Transmitters' Association, "The Uses of Long and Short Waves," by Mr. H. B. Arthur, Hon. Sec. N.Z.A.R.T.

8.0 : Chimes. Relay of Municipal Band Concert from the Auckland Town Hall (Conductor, Mr. George Buckley). The programme will include:—

March—The Band, "Felix Diaz" (Preza); Overture—"Pique Dame." Song—Mrs. J. W. Bailey, "The Cuckoo" (Lehmann).
 Cornet—Mr. Fred. Bowes, "Il Bacio" (Arditi).
 Symphony—The Band, "First Symphony No. 1" (Beethoven).
 Recital—Mr. J. W. Bailey, "Orange Blossoms" (Rohmer).
 Rhapsody—The Band, "Hungarian No. 2" (Liszt).
 Flute—Mr. Hal C. McLennan, "La Sirene."
 Selection—The Band, "Catherine" (Tschalkowsky).
 Song—Mrs. J. W. Bailey, "Spreading the News" (Oliver).
 Xylophone—Mr. R. Jackson, "Xylophobia" (Brigham).
 Sketch—Mr. and Mrs. J. W. Bailey, Scene from "The Taming of the Shrew" (Shakespeare).

Suite de ballet—The Band, "Coppelia Part 1" (Delibes).
 Humorous variations—The Band, "Carnival of Venice" (Winterbottom); March, "Soaring" (Nowowleski).

10.0 : Programme of dance music.

Foxtrots—The New York Syncopators, "Lonesome Lover" (Monaco) (Parlo. A3149). Ray Seeley and His Orchestra, "You'll Be Mine in Apple Blossom Time" (Tobias) (A3181). Harry Reser and His Orchestra, "African Lament" (Lecuna) (Parlo. A3182). Tampa Blue Orchestra, "Running Between the Raindrops" (Gibbons).

10.12: Waltz—Marimba Centro-Americana, "Little Bertha" (Raymundo).

Foxtrot—The Prince of Wales Orchestra, "Say a Little Prayer For Me" (Gilbert) (Parlo. A3149).

10.18: Vocal—Lions Quartet of Seattle, "Vere is Mein Leetle Dog Gone?"

10.21: Foxtrots—Ray Seeley and His Orchestra, "I'm Crazy 'Bout My Baby" (Waller) (Parlo. A3179). Sam Lanin and His Famous Players, "It Looks Like Love" (Woods) (Parlo. A3181). Ray Seeley and His Orchestra, "Ya Got Love" (Goodhart) (Parlo. A3179). Tampa Blue Orchestra, "Soldier on the Shelf" (Myers) (Parlo. A3187).

10.33: Waltzes—Ilja Livschakoff's Dance Orchestra, "Sometimes You Wish To" (Jurmman) (Poly. 23847). Ed Loyd and His Orchestra, "Reaching for the Moon" (Berlin) (Parlo. A3128).

Foxtrots—"On a Little Balcony in Spain" (Klein) (A3148). Louis Armstrong and His Orchestra, "Body and Soul" (Heyman).

10.45: Vocal—Lions Quartet of Seattle, "O Dem Golden Slippers."

10.48: Foxtrots—Tampa Blue Orchestra, "Would You Like To Take a Walk?" (Warren) (Parlo. A3188). Sam Lanin and His Famous Players, "Ninety-nine Out of a Hundred" (Sherman) (A3148).

10.54: Waltz—Marimba Centro-Americana, "Desires of the Soul" (Raymundo).
 Foxtrot—Hotel Pennsylvania Orchestra, "Loving You the Way I Do."

11.0 : Sporting summary.

11.10: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SATURDAY, OCTOBER 24.

12.0 : Results of Wellington Racing Club's meeting.

5.0 : Children's hour, conducted by Aunt Molly.

6.0 : Dinner music (Parlophone)—

Berlin State Opera Orchestra, "The Barber of Seville" Overture.
 Edith Lorand's Orchestra, "Minnet" (Bocherini) (A4108).
 Orchestra Mascotte with Edith Lorand, "I'd Like to Kiss the Ladies."
 Grand Symphony Orchestra, "Naila" Ballet Intermezzo (Delibes).
 Edith Lorand's Orchestra, "Toreador and Andalous" (Rubenstein).
 Pavillon Lescant Orchestra, "Drink, Brother Drink" Waltz (Bendix).
 Grand Symphony Orchestra, "Lustspiel" Overture (Kela Bela).
 Ernest Leggett London Octet, "Operatic Fantasia" (arr. Aldington).
 Opera Comique Orchestra, "Scenes Pittoresques," March and Fete Boheme (Massenet) (A4057).

Grand Symphony Orchestra, "Suite Orientale": (1) The Bajaderes; (2) On the Shores of the Ganges; (3) The Patrol; (4) The Dancers (Popy) (A4155/6).

Pavillon Lescant Orchestra, "Oh! Miss Greta" (Flossas) (A3150).
 Orchestra Mascotte with Edith Lorand, "Siren Magic" (Waldteufel).

7.0 : News, market reports and sports results.

7.40: Lecture—Mr. W. M. Jackson, "Gladioli and Gardening Hints."

8.0 : Chimes. Medley—London Coliseum Orchestra, "Leslie Stuart Melodies" (Stuart) (Parlo. A2709).

8.6 : Quartet—Melodie Four, "Kentucky Babe" (Giebel).

Baritone—Mr. R. S. Allwright, "Fleurlette" (McGeogh).

8.12: Suite—2YA Salon Orchestra (Conductor, Mr. M. T. Dixon), "Suite Orientale" (Popy).

8.24: Tenor—Mr. Frank Bryant with violin obligato, "Collette" (Harrhy); with orchestral accompaniment, "I Heard You Go By" (Wood).

8.30: Orchestra with chorus—Jack Hylton and His Orchestra, "Still More Old Songs" (H.M.V. C2082).

8.38: Guitar duo—Berthold and Bent, (a) "Bells of Hawaii" (Heagney); (b) "Hawaiian Dreams" (Marple).

8.45: Instrumental—2YA Salon Orchestra, (a) "Babylonian Nights" (Zamecnik); (b) "Dreaming" (Haydn Wood); (c) "Spring Dance."

9.0 : Weather report and station notices.

9.2 : Quartet—Melodie Four, "Betty Co-ed" (Fogarty).

Bass—Mr. W. W. Marshall, with orchestral accompaniment, "Gipsy Love Song" (Herbert).

9.8 : Guitar duo—Berthold and Bent, (a) "Neapolitan Nights" (Zamecnik); (b) "Honolulu Moon" (Lawrence).

9.15: Tenor—Mr. Sam Duncan, "Bonnie Wee Thing" (Fox).

9.19: Cornet solo—John Robertson, "Debutante" (Reg. WAR495).
 Cornet duet—Jack Mackintosh and John Robertson, "The Merry-makers" (Hawkins) (Reg. MR312).

9.25: Piano—Mr. M. T. Dixon, with string accompaniment, "Wedding Cake Waltz" (Saint-Saens).

Instrumental—2YA Salon Orchestra, "Romance Boheme" (Furman).

9.37: Quartet—Melodie Four, (a) "Cinderella's Wedding Day" (Cobey); (b) "The Old Quartette" (O'Hara).

9.43: Organ—Leslie James, (a) "Sylvia" Pizzicato (Delibes); (b) "Il Bacio."

9.49: Instrumental—2YA Salon Orchestra, "Tango" (Wertheimer); "Siamese Patrol" (Lincke).

10.0 : Dance programme (H.M.V.)—

Foxtrots—Jack Hylton and His Orchestra, "The King's Horses" (Graham) (EA820). Ted Weems and His Orchestra, "My Baby Just Cares For Me" (Kahn) (EA800). Nat Shilkret and His Orchestra, "Dixiana" (Caldwell) (EA799). Ted Weems and His Orchestra, "A Girl Friend of a Boy Friend of Mine" (Kahn) (EA800).

10.12: Waltz—Nat Shilkret and His Orchestra, "Dancing With Tears in My Eyes" (Dubin) (EA812).

Foxtrots—The High Hatters, "Anchors Aweigh" (Zimmermann) (EA765). Jack Hylton and His Orchestra, "Adeline" (Nicholls) (EA820). The High Hatters, "The Mug Song" (Gaskill) (EA765).

10.24: Vocal—Aileen Stanley, "Swingin' in a Hammock" (Seymour).

10.27: Foxtrots—Nat Shilkret and His Orchestra, "How Are You To-night in Hawaii?" (Leslie) (EA819). Nat Shilkret and His Orchestra, "Mr. and Mrs. Sippi" (Caldwell) (EA799). Green Brothers' Marimba Orchestra, "Lo Lo" (Feist) (Zono. EE217). Nat Shilkret and His Orchestra, "Why Have You Forgotten Waikiki?" (Kahn).

10.39: Waltz—International Novelty Quartet, "Jolly Fellows" (Vollstedt).

Foxtrots—Marimba Centro-Americana, "Forget You? Never!" (Martinez) (Zono. EE217). International Novelty Quartet, "Knocked 'Em in the Old Kent Road" (Ingle) (Zono. 5667).

10.48: Vocal—Aileen Stanley, "I Love You So Much" (Kalmar) (EA808).

10.51: Foxtrots—Ben Bernie and His Orchestra, "It's a Lonesome Old Town" (Tobias) (Bruns. 4943). Waring's Pennsylvanians, "Little White Lies" (Donaldson) (EA812). Ben Bernie and His Orchestra, "Au Revoir—Pleasant Dreams" (Meskill) (Bruns. 4943).

11.0 : Sporting summary.

11.10: God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SATURDAY, OCTOBER 24

3.0 : Gramophone recital.

4.30: Sports results.

5.0 : Children's hour, conducted by Uncle Charlie and Aunt Pat.

6.0 : Dinner music session—"H.M.V."—

Royal Opera Orchestra, "Sylvia" Ballet Pizzicato and Procession of Bacchus (Delibes) (C1418).

Marek Weber's Orchestra, "Coeur Brise" (Gillet) (B3026).

Organ—Charles W. Saxby, "Les Millions D'Arlequin" Serenade (Zono.)

Mandolin Concert Society, "Echoes of the Volga" (Ritter) (C1936).

Marek Weber and His Orchestra, "The Beggar Student" (C1528).

H.M. Coldstream Guards Band, "Faust" Selection (Gounod) (C1877).

The London Orchestra, "Valse Memories" (arr. Somers) (Zono. 5257).

Organ—Chas. W. Saxby: (a) "Spring Song"; (b) "Bees Wedding".

Marek Weber and His Orchestra, "Menuett No. 1" (Paderewski).

Piccadilly Orchestra, "The Waltz Dream" (Strauss) (B2684).

7.0 : News session.

7.30: Sports results.

7.40: Talk—Mr. C. F. Hines, "The Work of the Sumner Lifeboat Institution."

8.0 : Chimes. Relay of programme from 4YA, Dunedin.

10.0 : Dance music (Polydor)—

Foxtrots—Marimba Original Excelsior de Guatemala, "Vamos Al Merendon" (Jorga Vasquez) (21903). Ben Berlin's Dance Orchestra, "First the Right Leg" (Kollo) (23394); "A Very Good Chum" (Heymann) (23534).

10.9 : Waltz—Ilja Livschakoff's Dance Orchestra, "You've Been My Lucky Star" (Stolz) (23400).

Foxtrots—Ben Berlin's Dance Orchestra, "Just You" (Nelson) (23394). Paul Godwin's Dance Orchestra, "Both You and Myself" (Spoliansky) (23326).

10.18: Vocal—Jack O'Hagan, "Rambling Down the Roadway" (O'Hagan) (Col. DO 130).

10.21: Tangos—Jose M. Lucchesi and His South American Orchestra, "Alla Va El Caldo" (Pipito) (22060); "La Voz Del Viento" (Lucchesi) (22059); "Amargura" (Lucchesi) (22060).

Waltz—Paul Godwin's Dance Orchestra, "Goodbye" (Spoliansky) (23326).

10.30: Foxtrots—Ben Berlin's Orchestra, "To Begin With a Big Question Mark" (Heymann) (23533); "Hello Sweet Lady" (Heymann) (DO130); "My Heart is Longing for You" (Heymann) (23533).

10.39: Vocal—Jack O'Hagan, "With My Guitar and You" (Harris) (Col.).

- 10.42: Tangos—Marimba Original Excelsior de Guatemala, "Nubes de Humo" (21905). Ilja Livschakoff's Dance Orchestra, "The Tale of Good Fortune" (Stolz) (23400). Jose M. Lucchesi and His South American Orchestra, "Soledad" (Coppola) (22076).
 10.51: Foxtrots—Marimba Original Excelsior de Guatemala, "Bomberos" (21903); "Mi Perrito" (Pearly Chagnon) (21905).
 11.0: God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, OCTOBER 24.

- 3.0: Selected recordings.
 4.30: Sporting results.
 5.0: Children's hour, conducted by Aunt Anita.
 6.0: Dinner music session (Polydor)—
 Paul Godwin's Orchestra, "The Jolly Robbers" Overture (Suppe).
 Mandolin and Lute Band, "Per Aspera ad Astra" (Urbach) (21624).
 State Opera Orchestra, Berlin, "Othello" Ballet (Verdi) (66454).
 Paul Godwin's Orchestra, "Bells of Vineta" Waltz (Lindsay-Thierner).
 The Philharmonic Orchestra, Berlin, "The Gipsy Baron" (Strauss).
 Paul Godwin's Orchestra, "The Girl of the Black Forest" (Jessel).
 Mandolin and Lute Band, "Turkish March" (Mozart) (21624).
 Ilja Livschakoff Orchestra, "Spring in Paris" (Kalman) (23725).
 Philharmonic Orchestra, Berlin, "Les Huguenots" Overture.
 Paul Godwin's Orchestra, "Lotus" Waltz (Ohlsen) (23323); "Avant de Mourir" (Boulanger) (21407).
 7.0: News session.
 8.0: Chimes. Relay of Concert and Dance Programme, reminiscent of an Annual Gathering of thirty years ago on the West Coast Goldfields. The dance programme will include:—Opening Grand March, the Lancers, Caledonians, Quadrilles, Waltz, Polka, Barn Dance, Highland Schottische, Alberts, Mazurka. The dances will be interspersed with songs, choruses and humour of the period.
 11.0: God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SATURDAY, OCT. 24

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

Sunday, October 25

1YA, AUCKLAND (875 KILOCYCLES)—SUNDAY, OCTOBER 25.

- 3.0: Selected recordings.
 3.15: Literary selection.
 6.0: Children's song session, conducted by Uncle Leo.
 7.0: Relay of divine service from the Baptist Tabernacle. Preacher, The Rev. Joseph Kemp. Organist and Choirmaster, Mr. A. E. Wilson.
 8.30: Selection—New Light Symphony Orchestra, "Madam Butterfly." Baritone—Mr. H. Barry Coney, with orchestral accompaniment, "Farewell, Minnehaha" (Coleridge-Taylor).
 Overture—Salon Orchestra, under the direction of Mr. Harold Baxter, "Der Schauspiel-Director" (Mozart); orchestral, "Hungarian Dance No. 16" (Brahms).
 Contralto—Miss Kay Christie, with orchestral accompaniment, (a) "Castilian Lament" (Del Riego); (b) "Hills of Donegal."
 Choral—Sheffield Choir, "Thanks be to God" (from "Elijah").
 Evening weather forecast and announcements.
 Ballet—The Salon Orchestra, "Callirhoe" (Chaminade).
 Baritone—Mr. H. Barry Coney, with orchestral accompaniment, (a) "Loving Smile of Sister Kind" (Gounod); (b) "Star of Eve."
 Medley—Ilja Livschakoff's Orchestra, "Dividends" (Morena).
 Contralto—Miss Kay Christie, Negro Spirituals, (a) "Were You There?" (b) "By an' By" (arr. Burleigh).

- Morceaux—The Salon Orchestra, (a) "Hindoo Dance" (Shelley); (b) "Love Song" (Paderewski); caprice, "Squirrel Dance" (Smith).
 Piano—Raie da Costa, "Die Fledermaus" Selection (Strauss).
 Suite—The Salon Orchestra, "Cyrano de Bergerac" (Rosse).
 God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, OCTOBER 25.

- 3.0: Selected gramophone recordings.
 6.0: Children's song service, conducted by Uncle George, assisted by the children's choir from the Terrace Congregational Church.
 7.0: Relay of evening service from St. Thomas's Anglican Church. Preacher, Rev. C. V. Rooke. Organist and Choirmaster, Mr. W. A. Gatheridge.
 8.15 (approx.): Relay from St. James Theatre of concert by the Wellington Municipal Tramways Band (Conductor, Mr. E. Franklin).
 God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, OCTOBER 25.

- 3.0: Relay from Tuahiwi Maori Pa of opening service of Centenary Commemoration of the Evacuation of the Kaiapohia Pa. The service will be conducted by Mangai Piri Wiri Tua (Ratana), and a Maori choir of over 200 voices will participate.
 5.30: Children's song service, by children of Presbyterian Sunday Schools.
 6.15: Chimes.
 6.30: Selected recordings.
 7.0: Relay from Knox Presbyterian Church, Bealey Avenue. Preacher, Rev. T. W. Armour. Organist: Miss Victoria Butler. Choir conductor: Mr. A. G. Thompson, L.A.B.
 8.15 (approx.): Overture—Berlin State Opera Orchestra, "Caliph of Bagdad" (Boieldieu) (Poly. 23928).
 8.21: Baritone—Mr. Clive Hindle with orchestral accompaniment, (a) "O Star of Eve" (Wagner); (b) "Invictus" (Huhn).
 8.27: Violin—Miss Dora Deal, "Meditation" (from "Thais") (Massenet).
 8.32: Contralto—Miss Alice Vinsen, with orchestral accompaniment, "The Lost Chord" (Sullivan).
 8.36: Suite—Christchurch Salon Orchestra (Conductor, Mr. Francis Bate), "From the South" (Nicode): (a) "A Legend"; (b) "A Moorish Dance Song"; (c) "In the Tavern."
 8.45: Soprano—Miss Addie Campbell, with orchestral accompaniment, (a) "Rosa Resurget" (from "Life of a Rose") (Lehmann); (b) "Ave Maria" (Gounod).
 8.52: Organ—Terence Casey, "Devotion" (Ketelbey) (Col. 01633).
 8.55: Baritone—Mr. Clive Hindle, "Mandalay" (Willeby).
 8.59: Violin—Miss Dora Deal, (a) "Madrigale" (Simonetti); (b) "Toy Soldiers' March" (Kreisler).
 9.4: Weather forecast and station notices.
 9.6: Waltz—The Salon Orchestra, "Liebeslieder Waltzes" (Brahms).
 9.14: Contralto—Miss Alice Vinsen "Cradle Song" (Fritz Kreisler).
 9.17: Piano—Michael Zadora, "La Passion" (Lamare) (Poly. 23022).
 9.20: Soprano—Miss Addie Campbell, "Tell Me My Heart" (Bishop).
 9.23: Orchestral—The Salon Orchestra, (a) "Serenade" (Widor); (b) "Moresca" (Lao Silesu).
 9.30: A Gramophone Recital by Mr. Karl Atkinson, "Strictly British."
 10.0: God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, OCTOBER 25.

- 3.0: Afternoon session.
 5.30: Children's song service, conducted by Big Brother Bill.
 6.15: Instrumental recordings.
 6.30: Relay of Evening Service from Trinity Methodist Church, Stuart Street, Dunedin. Preacher: Rev. H. E. Bellhouse. Choirmaster: Mr. James Simpson.
 7.45: Selected recordings.
 8.15: Relay of concert programme from Station 3YA, Christchurch.
 10.0: God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, OCTOBER 25.

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

ILLUSTRATE Your Goods and SELL Them

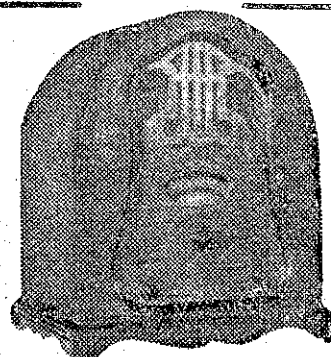
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Cesaroni and British Songs

(Continued from page 3.)

he proceeded to the Farthing Pyehouse. He gave her a collation of buns, cheesecakes, gammon of bacon, stuff'd beef and bottled ale. Through all these scenes the author, charmed with the simplicity of their courtship, followed them, and drew inspiration for this little sketch of nature. Being then young and obscure, however, he was very much ridiculed by some of his acquaintances for the performance, which nevertheless made its way into the polite world and amply recompensed him by the applause of Addison. You will hear Mrs. Standen sing "Sally" and I hope you will enjoy it.

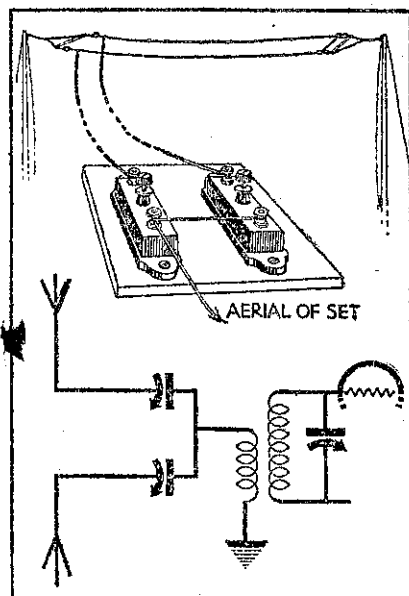
But the whole point I want to make is that to interpret life one needs to study people—of all nationalities and types—contrast and compare their idiosyncrasies. I have done this as well as I am able, through their songs. As a result, I hope you will find our programme essentially British.

Improving Selectivity

A Suggestion

A WELLINGTON experimenter called in at the office the other day and made some suggestions concerning the separating of 2YA and 2ZW. His plan, he contends, has worked in several localities, and with the very humblest of apparatus, including an ordinary crystal set. Although necessitating letting down the aerial he says the results are really worth while.

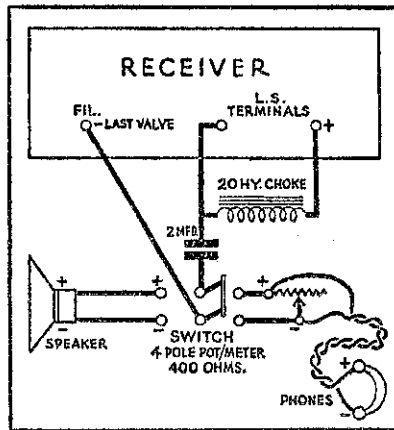
The aerial consists of a double wire, the two wires being separated by four to six feet with insulating spreaders



which may be made of seasoned wood. The two wires are joined at the end most distant from the set, and two leads in are brought down to two formidensers. The other terminals of these formidensers are connected and a common lead is taken to the aerial terminal of the set. It is advisable to have a separate primary, as is shown in the theoretical sketch. The formidensers are adjusted until the

An Unusual Head-phone Circuit—
with Volume Control

Contributed by A.A.H. (N.Z.7A).



used keep leads separately as shown. All connections should be permanent. The switch will throw the speaker or phones or both out of action. In this hook-up several L.S. can be connected for use in several rooms.

Questions and Answers

(Continued from page 13.)

"Sparrow Hawk" adapter, and found that, although it gives good results on a transformer-coupled set, it remains silent when plugged in to a resistance-coupled audio. The reason for this is that sufficient voltage is not getting to the valve to make it oscillate suitably. The best plan then would be to incorporate the adaption shown for plugging in to the gramophone socket and then connect with the grid of the first audio.

STATIC (Westport): Would it be possible to add another stage of r.f. in front of the "Ranger Three"? Also another stage of a.f. after the detector, using 201A in all stages?

A.: Yes, it would be quite easy to do so. Use exactly the same hook-up as was illustrated in the article. You could use 201A's in all stages, but you would not get a very good tone if you used that valve in the last stage. It is purely a general purpose valve, and in the last stage should be replaced by a high-gain power valve. It would be well worth making up.

WINTER BOY (Bay of Plenty): You can improve upon your combination of valves by using the new 221 valve in place of the 201A. Use the same make throughout, preferably a well-known one. In the last stage use a high-gain power valve suitably biased. The 201A valves are not hard on "A" or "B" batteries. A short-wave adapter should work satisfactorily with your set, and it would not be necessary to build a special short-wave outfit. We are referring your log to the DX Editor for criticism.

DIX (Mataura): My set has recently commenced a rumbling noise which makes itself heard on frequencies over 800 kilocycles.

A.: Your set is out of balance. It is possible that it may be overcome by trimming up the condensers, but we think that a bias resistance in the first stage has petered out, or the rectifying valve may be done. How long have you had the set?

2. Are the valves the best to use, or can they be improved upon?

A.: In an a.c. set you have really very little choice except selection between the various makes. You must use the type originally used in the set.

3. What is the best height and length of an aerial for this set?

A.: It does not require any special aerial. Take the usual one, about 30 feet to 45 feet high and 100 feet long.



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D.X. PAPER

Good quality communication paper, specially worded and ruled for the use of members. 1/6 for a minimum of two dozen sheets, and 8d. a dozen for six dozen or more. Paper for non-members without the Club Badge is available at the same price.

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We now have ready a quantity of beautifully embossed D.X. envelopes. The Club colours are used, and an effect of prestige will be added to all communications placed in these envelopes. Price: 3/6 per hundred, post free.

LOG CHART

We have, printed on good, durable paper, a practical Log Chart that enables you to follow on your control dials the exact position at which a station should come in. These are selling like hot cakes at 4d. each, plus 1d. postage.

RADIO

TIME TABLE

We still have a few Radio Time Tables left. They are printed on strong paper that stands folding, and enumerate all the leading New Zealand, Australian and American stations, including a number of short-wavers. Frequency, wave-length and power are given of each station, also the call and location. The reasonable price is 4d. each, plus 1d. postage.

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Exact replicas of the Club Badge done in two colours on gummed paper. Will stick to anything. Attach them to your letters, envelopes, etc. Price: 3/- a hundred.

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Local Reception

Ultra Shortwave Broadcasting

THE desire of broadcasters to be heard over as wide an area as possible has caused a large amount of unnecessary interference, due to the limited number of channels available on the broadcast band of wavelengths and the extraordinarily long range transmissions of many of the higher powered stations.

The problem has become an acute one in countries where broadcasting stations are numerous and remedial measures are being urgently sought.

Recent advices to hand from the Technical Department of Philips Lamps (N.Z.), Limited, indicate that extensive experiments are being carried out on wavelengths around 7 metres.

At these very short wavelengths the number of broadcasting channels available becomes very much larger, for example, staggering as it may seem at first sight, there are as many channels available between wavelengths of 7 metres and 7.10 metres as on the whole of the broadcast band—i.e., 200-550 metres, or between 7 metres and 8 metres there are no fewer than five and a half times the number of channels on the normal broadcast band.

Seven metre wavelengths have, however, another very noteworthy property which limits their effective range to some 10 to 12 miles—and it is practically impossible to hear any 7-metre station outside this radius. This means that stations separated by only 50 miles distance could transmit on the

same wavelength without possibility of mutual interference. Low power is quite effective; in fact, increasing the power a hundredfold or a thousandfold does not effectively increase the coverage area.

The receiving apparatus is simple and cheap, and for purely short range broadcasting these 7-metre developments will be well worth watching.

One of the pioneer stations is PPFE, on a wavelength of 7.85 metres.

ing really interesting work, and they have to contend with quite different conditions, for there are 600 stations in the ether and they have no listeners' revenue.

"I rather think it is not for me to say whether the B.B.C. or these two great broadcasting companies are doing the better work, but there are two things to which they aspire most of all in America. Their two great aims are

Coils for the Differential Series

AS correspondents from time to time ask for coil specifications for the Differential Series, we are publishing them in complete form below.

Reaction Condenser .00015-25.

Condensers .0005 or .00035 with .0001 in series. Wire, 26-28 d.s.c. Reaction and primary. 30-32 d.s.c.

Metres.	1.1	1.2	1.3
60-100	6	30	15
30-60	3	14	9
15-30	2	5	4
8-15	1	3	4

Broadcast—Valve Base Extensions.

Condenser, .0005.	Wire, 30 d.s.c.	Reaction and Primary, 30-34 d.s.c.
250-550	35	90 40
Condenser, .00035.	Wire, 30 d.s.c.	Reaction and Primary, 30-34 d.s.c.
250-550	40	110 50

Broadcast—2in. Former.

Condenser, .0005.	Wire, 26 d.s.c.	Reaction and Primary, 30 d.s.c.
250-550	30	72 35
Condenser, .00035.	Wire, 28 d.s.c.	Reaction and Primary, 30 d.s.c.
250-550	33	80 38

Interchange of Programmes

England and America

WIRELESS listeners in the British Isles can look forward to an increase very shortly in the interchange of broadcasting programmes between America and England.

Sir John Reith, Director-General of the B.B.C., who has recently returned from a visit to Canada and the United States, said that negotiations are proceeding satisfactorily and are expected to come to a head in the near future, so that in a very short time plans will be in hand for more interchange of programmes across the Atlantic.

"One of the fundamental principles which both sides are trying to carry out in the interchange of programmes is to select those items which are peculiar to one country and which that country does better than the other."

"For instance, the Ceremony of the Keys at the Tower of London might be a typical item to select for a broadcast to America, while from the States it might be that there would be an occasional relay of a University football match, not so much as a football match, but because of the recognised college cry and 'rooting' which would be interesting, and, no doubt, humorous to British listeners."

DISCUSSING the two great chains of broadcasting in America—the National Broadcasting Company and the Columbia—Sir John said 'they are do-

toward greater concentration of management, and, secondly, to increasing recognition of service obligation.

Comparing the number of wireless listeners in this country to the number in America, Sir John said it was difficult to say which country led.

"In the first place, the Americans had no means of checking their numbers, though it is said there are about fifteen million receivers as against 3,600,000 in this country. Probably pro rata to the population there are more receivers in this island."

Radio—a "Household Utensil"

RADIO receivers, the Danish Government has decided, belong in the category of articles which cannot be seized for debt.

This repeats a recent German ruling on the point, in which a Berlin court declared that a wireless set must be regarded as a "household utensil," legally exempt from seizure, since it fulfils an indispensable function in modern life.

r.f. coil, overlap and celluloid 1in. with cement, wrap twine over the whole length and set to dry; scrape the joint with a knife to remove the ridge. Cut the celluloid 3-8in. high for both coils.

The aerial coil is 30 turns of 26 enamel wound on a 1in. collar of celluloid to drop inside the r.f. coil and rest at the bottom; connect top end to earth and bottom to aerial prong through holes in bottom of r.f. coil. Bottom of r.f. coil connects to grid-pin and top is the highest tapping. Connect the arm to earth inside the coil. Inside connecting wires must be put in before the top is cemented on.

"Advance" Set

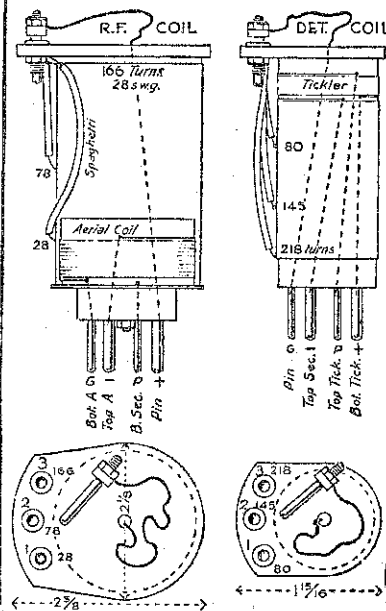
SEVERAL correspondents have inquired regarding the special broadcast coils for the "Advance" short-wave set described in the "Radio Guide." In the second edition certain changes have been made, so, to acquaint constructors with these, we are reproducing portion of the second edition relating to the coil.

ONE tapped coil for each stage will bring in all stations from about 200 to 500 metres. The diagram gives all the information required. The tapings are altered by pin and sockets. The top of each coil is a circle slightly larger in diameter than the coil, with an extension at the left-hand to accommodate the sockets, 1-8in. or 3-16in. ebonite being used, and secured to the top of the coil with celluloid cement.

No. 3 tap on each coil includes 7ZL as the highest and 2BL as the lowest station, readings on both dials be-

Turns for Valve-Base Coils

R.F. Coil	Detector Coil
Pri. Sec.	Tick. Sec. Range-Metres
1 3 4	1A 3 4 13-19
	1B 4 5 18-29
2 5 11	2A 3 8 28-40
	2B 4 13 39-60
3 5 26	3A 4 22 59-82
	3B 6 29 73-100



almost equal. No. 2 tap on each coil includes 4QG down to below 3YA, while No. 2 r.f. and No. 1 detector go down to 2NC, and changing to No. 1 r.f. reaches a few small stations below.

Few changes are necessary to cover the whole broadcast band, and good reception is assured.

Gauges of wire (s.w.g.) are 28 for the r.f. and 36 for the detector, both enamelled and quite closely wound. At each tap clean 1in. and twist into a small loop round a 1-inch nail.

The r.f. coil is 2in. in diameter, of celluloid, bolted on a valve-base reduced to 3-8in. high. The detector coil former is made by rolling celluloid round a complete valve-base, at the same time cementing the two; at the top end place the ring sawn off the (Concluded at foot of previous column.)

A money back guarantee covers every purchase

Use a Gramophone Pick-up; modernise your radio. Adapter, suitable for all A.C. Sets. Place under 5-prong detector valve. Introduction Price, 1/- ea., Post free.

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.00035 7/6 post free
.00025 8/6 post free
.00015 7/- post free

B Battery Eliminators, suitable 230v. or 110 A.C. Delivers 22 1/2, 45, 100, 135v., at 90 mls. £5/17/6

Post or freight free, Egg Insulators 1/6 doz. Post free.

1in. Insulated Staples, 1/- 100 packet, post free.

1in. Insulated Staples, 1/2 100 packet, post free.

Igranite Transformers, 10/6, post free.

Valves at Special Prices

Philips B443 Penthode, 18/9, post free.

Philips A442 S.G., 18/9, post free.

Bond Valves, 226 8/6

227 10/6

224 15/-

281 26/-

280 12/9

201A 6/3

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Short-wave News

PCJ, Holland.

THE special New Zealand and Australian programme on Saturday afternoon is transmitted each fortnight, as this programme is alternating with a Saturday afternoon transmission. (Sunday morning, 1 a.m. to 4 a.m., N.Z. summertime.)

American Programmes for New Zealand.

MR. J. A. CHAMBERS, technical supervisor of stations WLW, WSAI, WSKAL, advises me that a series of special short-wave programmes have been arranged, to be dedicated to New Zealand for rebroadcasting by the stations of the N.Z. Broadcasting Co.

These programmes will be transmitted every fourth Thursday, beginning Thursday, September 3, 10.30 to 11.30 p.m., N.Z. time. The first fifteen minutes of this programme is in the nature of a test, and the official dedicated programme starts at 10.45 p.m., N.Z. time.

HVJ, Vatican City.

THE Vatican short-wave station has issued the following statement: "We do not and will not have regular broadcast programmes. Hours have been fixed for transmission at 10 p.m. (N.Z. summertime) on a wavelength of 19.84 metres, and at 7 a.m. on a wavelength of 50.26 metres. At these times the station will send out news, notices, and letters addressed to the missions. On Sundays and feast days at 10 p.m., liturgical and spiritual letters are read for the sick."

Radio, Saigon.

RADIO, Saigon, is now testing regularly each day on a wavelength of 25.465 metres, from 11 a.m. to 1 p.m., Saigon time (4 p.m. to 6 p.m., N.Z. summertime). Reports are requested by the station, detailing signal strength, fading, modulation, etc., and will be appreciated. The address for Radio, Saigon, is: Compagnie Franco Indo-Chinoise de Radiophonie, 106 Boulevard Charner, Saigon, Indo-Chine.

Mr. E. Hackett, Wellington, has heard this station at fair strength after midnight. Records and talks were heard.

Empire Broadcasting.

"A MATHEUR Wireless" (England), says: "This is a topic Savoy Hill has grown rather tired of discussing. In fact the B.B.C. has been feeling rather sore at the way its Empire broadcasting scheme has been shelved by the Colonial Office. Although we have no official confirmation of it, we recently heard a report from a very reliable source to the effect that the B.B.C. is about to start important short-wave experiments. According to this report, short-wave transmissions on 18-metres are being prepared at Daventry. Readers will recall that Daventry was suggested as a suitable centre for Empire broadcasting in the B.B.C.'s report to the Colonial Office."

An Unidentified Foreigner.

MR. E. HACKETT (Wellington) reports hearing a foreigner every evening from about 9.30 p.m. till midnight or later, with talk and music, on about 50 metres. The same listener heard VK3LR, Melbourne, on about 49 metres, last Thursday, from 9.30 p.m. at R9.

The station that "Rad" (Te Awamutu) hears every evening at good strength on about 31.3 metres is PLW,



THIS page is conducted in the interests of shortwave enthusiasts. A weekly log comprising notes of reception and interesting topical events is contributed by Mr. F. W. Sellens, Northland, Wellington, but all listeners are invited to send in paragraphs of general interest.

Java, on 31.86 metres, which carries out a telephone service with 2MB, Sydney. Records are often heard from the short-wave duplex-telephony stations of Java. They appear to fill in the time this way while waiting for calls.

Riobamba, Ecuador.

A SPECIAL programme for New Zealand from HCIFG, El Prado, Riobamba, Ecuador, was heard last Sunday from 3.35 p.m. till after 5 p.m., when Morse interference became troublesome. The wavelength is given as 39.8 metres, but was nearer 39.2. Volume was about R6 at first, rapidly increasing to R8. Maximum of R8-9 was reached at about 4.45 p.m. Quality was quite good, the talk on the whole being about 75 per cent, readable.

Log for Week Ending
October 10

THE past week, with me, has been very poor for shortwave reception, except for a few which will be named later. Beside being weaker than usual, rapid fading has been noticed on stations not usually affected this way. Static also has been troublesome.

A stranger on about 47.8 metres was heard on Sunday at 4.15 p.m. at R9, with slow, severe fading. Another stranger was heard Tuesday at 10.25 p.m. on about 26.3 metres with orchestral items, at R7, fair quality, slight rapid fade and also severe slow fading. The music ceased at 10.30 p.m., no call or talk was heard, the carrier was there till 10.40 p.m., when it went off. The following stations were well received during the past week:—

RV15, Siberia, 70.1 metres.—Every evening, often R9 with one stage of audio.

HVJ, Vatican City, 50.26 metres.—Each morning except Sunday and Monday from 6.30 a.m., at R9. On Tuesday they called in English just after opening "Hullo, here is the Vatican City station, HVJ, testing on 50.26 metres." This was the only English heard.

Moscow, 50 metres.—R9 each morning till after 6.30 a.m., when volume goes off. Some very fine music is often heard.

ZL2ZX, Wellington, 49.5 metres.—The only shortwave broadcast station that can be heard in Wellington without fading,

static, etc., at some time. Relays 2YA on Wednesday evenings from 8 p.m. and 2ZW on Mondays, Thursdays, and Fridays, from 7 p.m.

WSXAL, Cincinnati, 49.5 metres.—Comes in well from 11 p.m., but ZLW on Tinakori Hills usually spoils reception about this time.

F31CD, Saigon, 49 metres.—Also from 11 p.m. at R9 with talk and native music.

D.X. NOTEPAPER.

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REN, Moscow, 45.38 metres.—Unusually R8 at 6.30 a.m. to R5 by 7.30 a.m., but often spoilt by a Morse station.

PLW, Java, 31.86 metres.—Heard almost every evening at R9 with records in between talks to Sydney.

VK2ME, Sydney, 31.28 metres.—Comes in well each Sunday from 4.30 p.m. Again on Monday morning from 6.30 a.m.

N.Z. Short-wave Club

From the Secretary's Pen

OWING to illness of some of the "heads," and various other matters, there has been a delay with the monthly meeting, but it is expected to hold it at the end of the month. The difficulty is a suitable subject for discussion, and this is where we would like a lead.

Word comes from Auckland that the members there are contemplating meetings similar to Wellington. I notice that the International Short Wave Club have chapter meetings in New York and other places. The Reaney Brothers, who are well known in radio, usually hold a "get together" meeting on the lawn at their New York residence. This is an idea which could well be adopted in New Zealand. There are so many points about the short wave business, and so much to learn, that, by getting together and swapping experiences, we thus have the opportunity.

At present we are working on our original aims and objects, but a member is busy drawing up a constitution which will embody new features.

Spring cleaning is apparently the order of the day, for members' letters all tell me that they are pulling their sets to

pieces. Sometimes results are hardly up to expectations, but I suppose there is a certain amount of fun in the process.

A member who visited Wellington said he was not a stranger, because, within an hour of his arrival, he was along to see me. Armed with a map and some addresses he was able to look up some brother members, and thus was able to get a few more ideas to take home to tell his friends.

People overseas seem very pleased to get information as to our doings here. I had a very interesting letter from a man in England. Somebody kindly posted him a "Record," and, seeing my address, he wrote me.

It is usually better to pin the stamp for reply to a letter than to send an envelope, because the average envelope is too small for a card or circular.

It is not generally understood that membership of the club need not be confined to the actual member who sends the sub, but can include the family.

It is rumoured that, in view of the fact that six months of our year has passed, there is a likelihood of the membership subscription being reduced.

My address, A. B. McDonagh, secretary N.Z. Short Wave Club, 274 Cuba Street, Wellington.

Reception in the Bay of Plenty

(To the Editor.)

BROADCASTS on both long and short wave have been coming in remarkably well in the Bay of Plenty according to a letter from NZ7A, of that district. He goes on to say that in the former band the many American stations have been consistent, with remarkable volume and clarity—KFI, WOAI, KTM, KPO, KMOX, KGO, KHJ, particularly so, while 2YA was at R7 and 1YA at R8 in strong daylight. On the short waves "somebody" is always busy. In the mornings Rome (2), Moscow, Paris (2) are excellent; also Rabat and VK2ME when on. In strong daylight the "W" stations (15) are generally very good. Night-time brings in Saigon, Java and the Siberian K5IV, which at times is unique, and from which some excellent musical items have been given lately. It must be confessed that our Cheimsford station is very far behind all the stations mentioned. Holland, on many Saturday afternoons, was good. Recently, new Spanish and Dutch stations have been noted, especially one about 28 metres. Madrid, Valencia, Funchal, Costa Rica, Kenya, and Canada (3) have been logged often enough, almost LSH.

At least six of the local amateurs can be tuned in with remarkable volume, and many of their musical recordings are truly excellent. Note was made of a piano-player being used effectively. A new station (local, about 52 m.) was heard at R7 a few days ago.

Let it be said, however, that day by day, in every way, SW gets better and better.

SPECIAL VALUES

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171 A.C. Tubes, for Electrics, 18/-.

Now 10/6
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3-Valve Radio, complete .. £12/10/-
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THE MASTER VALVE

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SIR HUGH ALLEN, Director of the Royal College of Music, as to the music teacher's personality says: "The teacher of music must possess the hand of a musician, the mind of a seer, the persuasiveness of an Orpheus, the eye of a hawk, the ear of a terrier, the patience of Job, the optimism of a Micawber, the delicacy and quickness of a dragonfly, the courage of a lion, and the diplomacy of an archangel."

Red as the Rose is She.

SMART women are already planning the vogues which will keep them ahead of Dame Fashion. Here are some forecasts of to-morrow's styles. Geranium red is to be the "smart" colour, both on evening dresses and in brilliant belts for sports frocks. Evening headdresses of jewels will be worn. They will be simple in design, consisting mainly of a jewelled band or pin worn at the back of the coiffure. Short boleros and waistcoats of leopard skin are likely to prove popular. They will be worn with dark brown or beige frocks. A novelty will be the introduction of bead scarves to match the facings of hats. The hats are heavily embellished with small wooden or china beads of brilliant design on brims curving sharply back from the face.

The Coruscating Stella.

FEW women have had a more adventurous career than Miss Stella Benson, whose novel "Tobit Transplanted," has been chosen by the P.E.N. Club as "the best representative British work of the last two years." Her early years were spent at Much Wenlock, in Shropshire, where her health was so delicate that she never went to school. Instead she travelled much in France, Germany and Switzerland. Just before the war she became a militant Suffragette, and from 1914 to 1917, being greatly interested in social work, she kept a small shop in Hoxton in partnership with a local woman. Here she sold paper bags to costers, and between times wrote her first two novels, "I Pose" and "This is the End."

Read, Mark, Learn.

IT is not easy to be beautiful, for that is a gift bestowed by the fairy godmother at birth, but it is not impossible to be full of charm, of originality, and to possess a distinct personality, for that is a matter of studying yourself and your assets, just as carefully as you would study the "points" of a horse, the merits of a painting, or the lines of a piece of antique furniture. So few women take the trouble to discover to what type they belong. If they are rich and can afford to go to the best and cleverest dressmakers this does not matter so much, but if they have to count their pennies carefully and have to buy their clothes when and where they can find them, it is worth pounds and pounds to know your type and to stick to it. If you are clever you can follow the fashion sufficiently so as not to appear demode, at the same time preserving the essentials of your type. This advice applies to clothes and to your face and figure, for, thanks to modern skill and art, it is quite possible in these days to model your face much as you would a dress, and that without any question of "lifting" or interfering with Nature's design.

An Naturel.

ONCE again women will feel that they cannot go out for the evening without real flowers twined in their



hair or fastened to their gowns. Flowers will be mostly worn as very long shoulder sprays, hanging over the back a little and coming well down in front.

Orchids and lilies will be chosen, so will roses and carnations, and the most

His Lady

*Do but look at her eyes, they do light
All that love's world compriseth.
Do but look at her hair, it is bright
As love's star when it riseth.
Do but mark, her forehead's smoother
Than words that soothe her,
And from her arched brows such a grace
Sheds itself through the face.
As alone there triumphs to the life
All the gains, all the good, of the elements' strife.*

—Ben Jonson.

fashionable flowers of this London season—gerberas—very dainty coloured daisies. Flowers are also being worn in the hair. A debutante of the season won a prize for her novel floral head-dress of gerberas and golden flowers.

London hostesses are extremely anxious to decorate their houses with country flowers, and there is a great demand for mixed bunches of herbaceous border blooms to arrange in their vases. These consist usually of a colourful jumble of one or two larkspurs, a few delphiniums, sweet peas, cornflowers, and so forth, to get the sense of a country garden in the town house.

That Cigarette!

IT must be confessed that after three and a half centuries tobacco has triumphed. The conquest of her own sex has left my Lady Nicotine no other worlds to conquer. But the belatedness of the victory makes one ask why women stood out so long. It is not as though smoking among them was ever altogether unknown. In "the golden age of tobacco"—the early seventeenth century—Prynne tells us they were sometimes offered the pipe at the theatre instead of apples. But there was another and more potent reason. There was nothing for them to smoke but the pipe. And what was good enough for a "Moll Cutpurse"—what was even picturesque in the mouth of an old woman in a chimney-corner—was a hideous deformity between the sweeter lips of sweet seventeen, or even seven-and-thirty. Even the cigar—which had its own battle to fight before

it was approved by men—would have been a monstrosity in the mouth of a fair woman.

But on the coming of the cigarette she fell.

—J.E.J.

A Philanthropist.

THE death has taken place at her home in London, Ontario, of Dr. Caroline Macdonald, who was a Presbyterian missionary for twenty-seven years in Japan, and did remarkable work there among prisoners.

She first went out to Japan for the Y.W.C.A. in 1904, but for the past eighteen years had devoted herself to work in the Japanese prisons, to which she was given free entry. She was decorated by the Emperor for her philanthropic services.

Dr. Caroline Macdonald wrote a book, "A Gentleman in Prison," dealing with the diary of a murderer who became subject to her influence. She received a doctorate from Toronto University in 1927.

Those Little Feet.

IT is important that the feet, the foundation of beauty, should receive the greatest care, for a pair of complaining feet can do more to mar one's good looks than anything. More wrinkles are caused by aching feet than is generally realised.

The purchase of a pair of new shoes is always an occasion—but never let it be a hurried occasion. Always choose your shoes to suit your feet. If the shape and style which is the prevailing fashion of the moment is not your shape or style be strong-minded enough to leave it alone. A smart shoe, which is the wrong shape for your foot, may cause you untold agony.

A word about flat heels. Do remember that flat heels and broad toes do not necessarily mean foot comfort and foot strength. If you are troubled by fallen arches, or if your foot arches are at all weak, you should not wear a shoe with a flat, shapeless heel.

Missed Her Chance.

DICKENS was only eighteen years of age when he first met Maria Beadnell in 1830, while Maria was one year his senior. He was introduced to the family by his friend, Henry Kolle, who was engaged to one of the daughters, and in their house he found much of the domesticity that had been missed in his own home. The impressionable youth immediately fell in love with Maria, and, though there can be no doubt that he shone in the circle in which he found himself, Maria treated him abominably. At this time Dickens was writing plays and acting in them, and, in spite of the fact that his private theatricals attracted much attention and set him well on the road to fame, he was not regarded as particularly eligible by Mr. Beadnell, who was a prosperous bank manager. As Estella behaved to Pip, so Maria behaved to Dickens. "She made use of me to tease her other admirers, and she turned the very familiarity between herself and me to the account of putting a constant slight on my devotion to her. There were picnics, fete-days, plays, operas, concerts, parties—all sorts of pleasures through which I pursued her—and they were all miseries to me. I never had one hour's happiness in her society, and yet my mind, all round the four and twenty hours, was harping on the happiness of having her with me unto death."

Our Cookery Corner

Brownies.

OUR favourite cake for the picnic, both because it is so good and because it packs well, is an American recipe, and is called "Brownies" or "Indians."

Ingredients: Take 4oz. butter, 7oz. sugar, $\frac{1}{2}$ teaspoon baking powder, $\frac{1}{2}$ teaspoon salt, 5oz. flour, 2oz. unsweetened chocolate, 2 eggs, 4oz. broken walnut meats, 1 teaspoon vanilla.

Method: Cream butter, add sugar, add melted chocolate and well-beaten yolks of eggs, then flour, baking powder, and salt sifted together. Add well beaten whites of eggs, nuts, and vanilla, and bake about twenty minutes to half an hour in a quick oven. Cut in squares while still in pan, and remove as you would fudge.

Novel Apple Pie.

THIS is an excellent sweet to be eaten cold, and is very firm, and suitable for a picnic.

Method: Stew 1lb. of apples, with sugar, cloves, and lemon peel. When quite soft and pulpy put into a pie dish and strain off any superfluous juice. Then take 2 eggs and their weight in butter and castor sugar, and cream them. Add $\frac{1}{2}$ lb. ground almonds and some lemon juice to this mixture,

and when the whole has become a stiff paste spread smoothly on the apples, which should have been allowed to get cold.

Place this tart in a moderate oven until it has become a golden brown. Be very careful not to burn. When cold this sweet is quite firm, and is particularly suitable for picnics, as it can easily be carried about.

Fish Souffle.

THE cooking of fish is generally done in an easy, if not haphazard, way. With the expenditure of a little time and trouble even the commonest of fish can be made to taste deliciously. Try, for example, fish souffle.

Ingredients: Take 1lb. of cold cooked fish of any kind (see that it is finely flaked), 2 eggs, 1oz. flour, half a pint of milk and some finely chopped parsley.

Method: Melt the butter, add the flour and then the milk slowly. Stir till the mixture boils and simmer for five minutes. Now add the yolks and beat well, then the fish and parsley, and season with salt and pepper. Whip the whites of the eggs stiffly and fold in last of all. Put the mixture into a well-greased mould or pie-dish and bake in a quick oven for twenty minutes.

... With ... BOOK and VERSE

By "John O'Dreams"

Jottings

MISS V. SACKVILLE-WEST, one of the most charming and accomplished of our younger writers, whose 1930 novel, "The Edwardians," was widely acclaimed for its accurate psychology and skilful craftsmanship, has achieved in "All Passion Spent" a further success in an entirely different genre. This is a study, wise, witty, balanced and beautiful, of old age and its reactions to past and present conditions.

The central figure, Lady Slane, through much of her long life of 90 years has lived in social limelight, and high honours have been heaped upon her as wife of a brilliant man who was humanist, sportsman, scholar and statesman by turns. Left a widow, aged, frail as porcelain, but still of an aloof loveliness, Lady Slane is gently determined to bid farewell to power, glory and clamour of the world's ways, and shake herself free from trammels of her large, managing and pompously absurd family. For peace her soul was yearning, like that of the lovely lady in "Requiescat," and it she sought and found in a small sweet house in Hampstead, surrounded by trees like a Constable painting, where, after a long life of much adventuring, tranquilly she awaited the greatest adventure of all, for which all others are but a preparation.

Here she escaped from obvious pettinesses of a finicking life, her callers a quaint triumvirate, composed of eccentric and unworldly house agent; Gosheron, the builder, who looked so respectable, and, inside and out, wore an ancient bowler hat, green with age; and an old and undeclared lover of her girlhood, world-known art connoisseur and multi-millionaire. Far and far indeed was she from vivid youth that will burn the rivers and whose beauty sets the belfries of the world a-ringing; but in her face, as sometimes may be seen in those of the old, who are attuned with the unseen, there was reflected a shining loveliness of spirit beyond familiar beauty, du diable; for "the face of youth is an unwritten page; and youth can never sit still, in absolute repose, as though all movement were over and nothing left but waiting and acquiescence."

Throughout there prevails an atmosphere of calm acceptance, of high thought unspotted from the world and embalmed reminiscences of human experience. There is penetrating analysis of value of that which the world sets high, and subtle conclusions anent hurly-burly of life, the whole presented in a style that is cultivated, leisurely and wholly delightful.

Prize Poem Competition

CONDITIONS:—Any reader of the "Radio Record" is eligible to send entries for the fortnightly Poem Competition as frequently as desired, but the prize of half a guinea will not be awarded to the same contributor twice in succession. The poems sent may be of any length not exceeding 25 lines, and must be the original work of the competitor. Name and address must accompany poem de plume, and if return of MSS. is requested, stamps must be enclosed. All care taken but no responsibility. The decision of the judge is final.

THE prize of half a guinea in the current competition is awarded to D.P. for the delightful poem, entitled "Fairy Tales," in which are apparent finished craftsmanship and lambent imagination, which will appeal to all those responsive to beauty of fancy and phraseology. Some entries of singular attractiveness have come in during the past fortnight, rendering the task of selection difficult, and encouraging the conviction that literary standards are being well upheld in this young country. Specially commended, though not equal in rounded completeness to the prize-winning poem, is the delightful "Gladness" by O.E.H., a valued contributor to this page.

"Lyttelton," by A.N.I.C., is reserved for further consideration.

"Daffodils" exceeds the 25-line limit.

"Singing Bird" conveys musical impression of divine notes of a bird singing out its heart in a distant haunt.

"The Riro Riro": Another bird song, tiny and lovely. We regret that, for space reasons, we cannot accept for publication both these melodious snatches.

"In a Tram" tells, in easily flowing lines, of that nostalgia for glimpse, even in imagination, of earth's green valleys and hills, which comes in the springtime and renders the poet-heart a-weary of this silly world.

"Erin" sends a plaintive poem which has a touch of the tragedy which follows in the wake of poor humanity.

"New Zealand Mountains" pays tribute to our lovely land, its author being insistent on appreciation of "God's Own Country," and inclining heavily to the platitudinous.

"Pathfinder": Your poem of Nature's contrasts is of considerable appeal.

Fairy Tales

And from the printed page broke sound and form,
The rumour of great pine woods filled with storm,
Down a dim forest aisle, a troop of gnomes,
Ran bearing torches, blazing pine-tree cones,
The red light leaped on rugged bough and bark,
And lit green fires where beasts prowled in the dark.

Then suddenly there trembled on the sight
An ocean cavern filled with rippling light
Where droves of coloured fish in jewelled flight
Flitted in clear still water, lucent, green.
On silver sand, with hair of changing sheen,
Fingering a pearl, a foam-white nereid lay
Watching with amber eyes the ripples play.

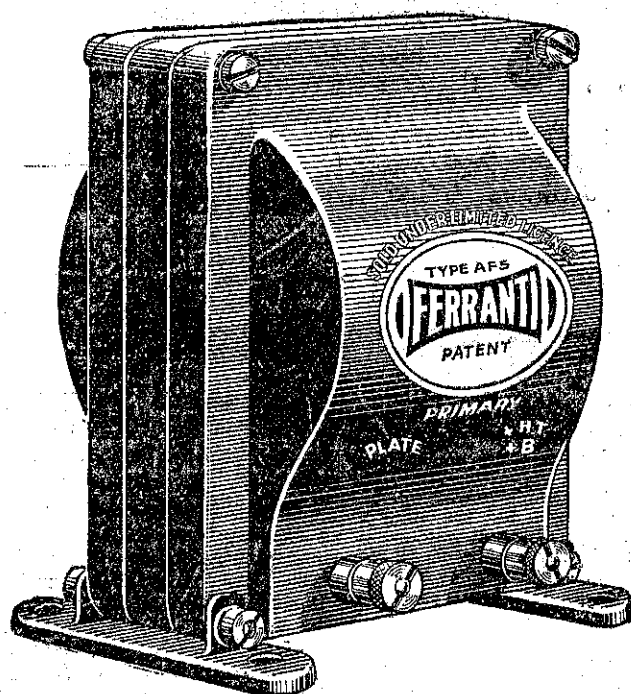
And then before the charmed eye there seemed
A murmurous land, wind dappled, silver streamed,
Where the frail spires of pearl-pale cities dreamed
In dim green woods, and foaming flowery tracts,
Down the jade steeps fell misting cataracts,
A golden wind set nodding flower and tree,
Afar, dark as a hyacinth, the sea beat up its strand.

And suddenly the years were rainbow spanned,
These were remembered hills of fairy land
But glamour died, and faded form and tint,
The beauty sank into the sober print.

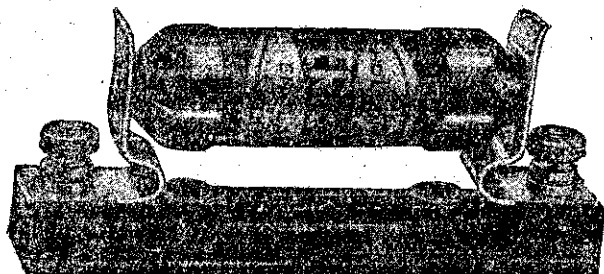
—D.P.

IN "Murder in the Embassy," by "Diplomat," action is concentrated alike in time and space and the central situation is intensely dramatic. Imagine a group of persons shut up in a supposedly deserted Embassy in the intense heat of the Washington summer. One of them has murdered a Japanese Royal Prince, whose body lies upstairs. The Ambassador grants a delay of twenty-four hours, at the end of which he will do justice on the suspect. We have grown a little tired of the theme of the house isolated by floods or snow. But the isolation here rises quite naturally and plausibly out of the crime itself, and is used to great effect. "Diplomat" writes well and draws his characters deftly. This is a book distinctly out of the ordinary class.

IN "Enter the Actress" Miss Rosamund Gilder writes with a lively enthusiasm of the woman who pioneered in the drama. The women who spoke first and not necessarily loudest or most finely are those who have occupied her research. The drama has had more diverse history than any other of the arts; it has been most sacred and most profane. What began as solemn ritual at the tomb has ended largely as an industry of entertainment. Accordingly in this volume we meet such widely contrasted figures as Hrotsvitha, the nun of Gandersheim, who wrote of "things not to be named in order to glorify the innocent," and of Aphra Behn, whose treatment of the unnameable had scarcely the same purpose. She pioneered as a professional whereas the nun had naturally no financial ambitions; so they take their place as partners in innovation. The manageresses are represented by La Montansier, by Carolina Neuber of Germany, and by our own Madam Vestris, whose engaging history elicits a charming chapter on the taste and finance of the English theatre a century ago. Vestris was a pioneer of realism as well as a victorious singer of ballads and a gay romp of breeches parts; she established realistic production, and could be a careful artist in a world of fantastic showmanship; the English theatre owes more to her than is usually acknowledged, and the debt is here rightly paid. Miss Gilder gives Vestris justice; her gallery of notables carries her over the foreign stages of the Middle Ages; in addition, she honours the Englishwomen who obtained equality of grease-paint for their sex in the time of the Restoration. They were colourful creatures, and Miss Gilder's research has not resulted in prose that lacks paint.



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