

PUBLISHED WEEKLY

THE RADIO RECORD

AND

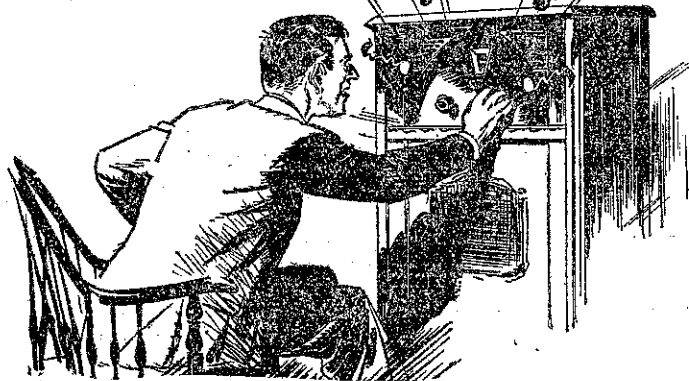
HOME JOURNAL

Vol. V., No. 20.

WELLINGTON, FRIDAY, NOVEMBER 27, 1931.

Price, 3d.

Don't blame your radio



TONE distortion and faulty reception are often unjustly laid at the door of the radio set. If you are not getting the pleasure you expected from your receiver, look to your valves. Many of the troubles wrongly attributed to a set are directly the result of inferior or exhausted valves. Even one bad valve can cause a lot of mischief. Have yours tested now, and replace the worn ones with Radiotrons—the world's finest valves.

Amalgamated Wireless



(Asia) Ltd.

P.O. BOX 830, WELLINGTON.



Install Genuine RCA RADIOTRONS for better reception

*Obtainable
from all good
Radio Dealers*

THE problem of man-made static formed one of the principal items on the agenda of the International Congress of Amateur Transmitters, which met recently in Paris. Other matters discussed at this gathering of European amateurs were wavelength allocation, call-signs, sharing of wavebands for telegraphy and telephony, and the issue of licenses. The importance of the radio amateur is evidently recognised by the French railway authorities, for they allowed a 50 per cent. reduction in fares to delegates attending the congress.

A FRENCH contemporary announces that a new broadcasting station designed for an unusual purpose is shortly to be erected in the Grand Duchy of Luxembourg. It is stated that the transmitter will use no less than 100 k.w. of power, and, somewhat remarkably, will be used almost exclusively for advertising purposes. It is apparently intended that the station should have a range covering the whole of Europe, and that its resources shall be available to any firm in any country desiring to advertise by radio. While the scheme is certainly a novel one, it seems unlikely that listeners will be attracted by a constant stream of advertising.

THE almost unbelievable score of 11,872! is the description applied can Radio Relay League, to the triumph of Mr. H. L. O'Heffernan, a British amateur transmitter operating under the call G5BY, who, for the fourth suc-

cessive time, has won first place in the International Relay Tests. Mr. O'Heffernan sat up every night for two weeks, and by his industry captured more than double the number of points of his nearest competitor. The basic principle for scoring was that a one-way contact gained a single point both for sender and receiver, while for two-way working both stations secured two points.

REDUCTION in the number of broadcasting stations to relieve congestion in the ether, and as a means of approaching "ideal radio" for the listener, is being advocated in U.S.A. Overcrowding of stations on the limited wavelengths is recognised generally as the root of all broadcasting evils, but the commission controlling broadcasting in America has been hesitant in considering summary removals of stations because of the questionable status of the radio law. New York's metropolitan area, which embraces many New Jersey stations, constitutes one of the

worst of broadcasting problems, because of the great concentration of stations.

"ANIMATED trade marks" is the way Hollis Baird, the youthful television inventor, describes the sponsored television programme of the future. It seems to be accepted among American radio circles that television will derive its support from advertising in the same manner as sound broadcasting of to-day, inasmuch as practically the same interests which developed sound broadcasting are doing the major developmental work in the visual radio art.

THE Bishop of Augsburg, Germany, has issued an order to the effect that all churches in his diocese having electric bell-ringing systems that interfere with the local reception of Sunday programmes must install the necessary apparatus for preventing interference with radio sets in their neighbourhoods.

APPREHENSION is being felt in Europe lest American interests are backing the new super-power broadcasting station now being erected in the independent duchy of Luxemburg for the avowed purpose of disseminating advertising programmes along American lines. Since Luxemburg is bordered by France, Belgium, and Germany, the station's programmes will undoubtedly command large audiences in those countries. It has been reported that French interests, and not American, are behind the project. In France advertising on the radio is the vogue, with most stations devoting their time largely to the broadcasting of recordings.

THE effect of broadcasting publicity upon the mailbags of the United States stations is phenomenal, according to some statistics published by the National Broadcasting Company. The number of letters received by that company during the first half of this year is no less than 2,196,684. The rate of growth in this respect may be gathered from the fact that, in 1927, the number of letters received was 540,263. This huge increase is attributed to the commercial programme sponsors, who advertise samples of their products over the air. One advertiser, a cigar-maker, recently broadcast an offer of a motor-car for the best twenty-word advertisement submitted, each effort to be written at the rate of one word on each of twenty of his cigar bands. He is now receiving letters at the rate of 10,000 a day.

FERRANTI

AND

CONDENSERS

The Radio World knows that when Ferranti decides to produce an article they do not build to the market price.

They ascertain in what respect the best existing can be improved.

Take **CONDENSERS**. For years Ferranti have been building Condensers, and condenser banks up to 800,000 volts have been built and supplied to Government Departments.

When Ferranti decided to market the small popular 2 mfd. condenser for radio purposes, existing types were dissected and examined, and Ferranti said,

"WE'VE GOT TO MAKE ONE BETTER."

—AND THEY DID.

Available in all Standard capacities from .0001 mfd. upwards
and in all test voltages up to 2500 Volts from stock.

FERRANTI FIXED CONDENSERS

New Zealand Agents:

AUCKLAND

ARTHUR D. RILEY & CO. LTD.

WELLINGTON



Gordon Short.

-S. P. Andrew, photo.

Gordon Short

tells readers something of

The Melodies of Brahms

... "It was a new idea to write a set of waltzes as pianoforte duet and then surround them with a vocal quartet as obligato. Their rhythm and melodiousness give them a frequent place on concert programmes abroad, and they have probably done much to popularise Brahms in providing a stepping-stone to an appreciation of his more serious works. . ." A feature of next Monday evening's programme from 2YA will be the presentation of three of these beautiful "Love Song" waltzes of Brahms's.

THE music of Brahms, the last of the great line of German composers, has often been criticised as being too austere, obscure and lacking in sweet melody. A few of his works, however, possess such elements of immediate appeal that the frequent performance of them borders on the hackneyed. Who does not know, and immediately respond to the melody and strong rhythm of his orchestral Hungarian dances? In how many different forms has one heard his much-beloved waltz in "A" flat, with its haunting sweetness? His songs, "Sapphic Ode," "Cradle Song," and his children's song, "The Little Dustman," rival some of the well-known drawing-room ballads for popularity.

Of such a type of melody are the "Love Song" waltzes. They suggest the typical Viennese waltz of sentimental sweetness. It was a new idea to write a set of waltzes as pianoforte duet and then surround them with a vocal quartet as obligato. Their rhythm and melodiousness give them a frequent place on concert programmes abroad, and they have probably done much to popularise Brahms in providing a stepping-stone to an appreciation of his more serious compositions.

It has been stated that the two sets of these waltzes were among the first things that made for Brahms's real popularity with the English public, and since the date of the second set this has never declined. In recent years the love for Brahms's works has grown in England to such an extent that once a fortnight a special programme of Brahms's works at the celebrated Promenade concerts regularly draws crowded houses.

Brahms's own love of crystal-clear Schubertian melody is shown in his pianoforte arrangement, much played, of an old-world gavotte from an opera by the early Gluck, a melody of exquisite simplicity. He is also said to have confessed that he would dearly love to have been the composer of the "Blue Danube" waltz. Upon hearing that the Viennese critic, Hanslick, had written that his works lacked melody he wrote the now well-known set of waltzes for piano duet recently broadcast from 2YA, to which belongs the much-heard waltz in "A" flat, to show that he, too, could write

with the same sweet simple melodiousness of Schubert if he so wished. It is possible that the great popularity of these waltzes gave him the idea of writing some more with an obligato of four voices. The addition of the voices lends further colour and richness of harmony. Several of these numbers will be played on Monday evening next by Mrs. Cimino and myself, and the vocal quartet will be supplied by Mrs. Amy Woodward, Mrs. Wilfred Andrews, Ray Trewern and Keith Grant. * * *

And now for a few words about Gordon Short himself. He was born and educated in South Australia, and it would appear that he was born with music in his soul, for, at the age of eleven years, he made his first public appearance before an audience of 1000 concert patrons. This was the beginning of what was destined to be a distinguished musical career. His next achievement was to win a scholarship open to pianoforte students throughout the State, entitling him to four years' training at the Elder Conservatorium, which is affiliated with the University.



Johannes Brahms.

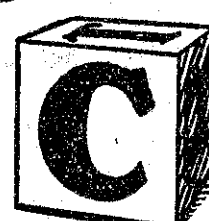
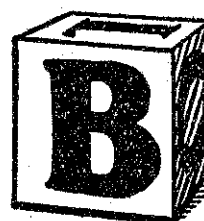
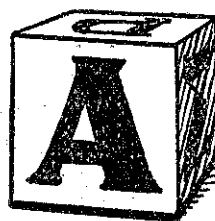
SO well did he use this great opportunity that he became the youngest holder of the diploma of Associate in Music of the Adelaide University. Thereafter, Mr. Short became one of South Australia's busiest pianists, being called upon to fill innumerable engagements in all parts of the State, including a number of appearances with orchestras of high standing.

But the young musician was not satisfied with his attainments, and several years before the War went to Europe to continue his studies. His star was in the ascendant, for he had (Concluded on page 30.)

£25 TO BE WON

and as simple

as



HERE'S HOW

All you require to do in this simple skill competition is to build up as many radio set names as you can from the following letters, being very careful to use each letter once only. Choose the names from the list of reliable radio sets given below, which have been advertised in the "Radio Record" from time to time.

AAAAA, BB, CCCCC, DDD, EEEEEEEEE, GGG, HH, IIIII, J, K, LLLLLLL, MMM, NNNNNN, OOOOO, PPP, Q, RRRRRR, SSSS, TTTT, UUU, V, WWW, YYY, ZZ.

"Silver-Marshall," "Radiola," "Ultimate," "Majestic," "Atwater-Kent," "Airzone," "Airline," "Bluespot," "Colonial," "Crosley," "Eagle," "Gulbrandsen," "Pilot," "Lyratone," "Q.P.," "Stewart-Warner," "Radion," "Zaney-Gill," "Courtenay," "Radioplayer," "Phileo."

CONDITIONS.

How many of the names of the above-listed radio sets can you make from the letters above? Each letter must be used **ONCE ONLY**. Cross each letter off as you use it—that makes it easier. Prizes will be awarded on points, allowing 5 points for each name found. The first prize will be £20 to the person securing the greatest number of points. There will be 40 consolation prizes of Art Union tickets to the persons finding the next greatest number of points. In the event of a tie, prize moneys will be divided, but if more than three persons submit the correct solution it will be necessary for those persons to compete in a further competition, thus to decide the winner. Results and prize-winners' names will be published in full in the first issue of this paper following closing date.

To send entries, write list of names found, state top of right-hand corner points secured, sign name and address at bottom of entry. Enclose postal-note for 1/- (more than one entry, 9d. each). Stamps only if postal-notes absolutely unobtainable, and post no later than December 16th.

CLOSING DATE, December 18.

RESULTS PUBLISHED "Radio Record," December 24th.

First Prize £20

**Forty Consolation Prizes of
ART UNION
TICKETS**

RADIO COMPETITION NO. 1.
C/o BOX 1582, WELLINGTON.
Please accept my entry for Radio Competition No. 1. 1
enclose in stamps/postal notes for tries
(state how much) (state how many)
Name
Address
(PRINT NAME
CLEARLY)

Empire Broadcasts on Shortwave from London

Special hours for New Zealand provided for in projected scheme for new service to commence in year's time

by Ivan M. Levy

THE cabled news that the British Broadcasting Corporation intends to proceed with the erection of an Empire high-power short-wave broadcast station will be welcomed by all listeners in this Dominion. It will furnish a new source of interest and entertainment which, if the present proposals are carried out, will be permanent.

It will be another year before transmissions will begin. A daily session of one hour will be available for rebroadcasting by the New Zealand stations, and in addition an opportunity for early morning risers to listen in to England with their short-wave sets will be given.

Credit is due to the British Broadcasting Corporation for initiating the three Empire broadcasting schemes which have been drawn up and which were submitted to the last Imperial Conference. As the result of a resolution passed by the Conference, the British Government asked the British Broadcasting Corporation to forward particulars of the Empire broadcasting schemes, as submitted to the Conference, to the broadcasting organisations throughout the Empire and to invite them to furnish the Corporation with their views as to the value to them of an Empire broadcasting service and as to their readiness to make a contribution toward its cost in return for the right to relay any part of the service which they may require.

A statement issued by the British Broadcasting Corporation reads: Common to all three schemes is the provision of a twin transmitter, using two wavelengths, and costing £40,000, and £7000 per annum (or, alternatively, £16,500 per annum), with an estimated life of five years.

Otherwise the schemes differ among themselves only in the programme facilities offered and the consequent financial provisions.

The first scheme provides for district services for the neutrally-situated and eastward Dominions and colonies, for those in American longitudes, and for Australasia, and assumes that the Empire station would bear a proportionate share in the cost of all programme matter taken from the Home programmes, as well as the whole cost of matter special to its own services.

The second scheme, drawn up after a conference in which the Colonial Office, India Office, Dominions Office, and the Lord Privy Seal's Office were represented as well as the Post Office, aims at covering the longitude between 2 hours west and 8 hours east of Greenwich (representing 93 per cent. of the white inhabitants of the Crown colonies and India) with a cheaper service, taken in the main from the Home programmes, without the Empire service being called upon to share the expense of the latter. This scheme was discussed by the Colonial Conference in June, 1930, and resolutions were passed in favour of it, the Governors undertaking to provide (or to recommend their Legislatures to provide) financial support to the extent of 5/- per listener's license.

As, however, it would take time to develop this income, the Colonial



The masts of short-wave station G5SW at Chelmsford, England, stand in an unusually beautiful setting.

Office undertook to approach the Treasury for a grant from the British Exchequer, and it appears that the Treasury wished to obtain the view of the then pending Imperial Conference before coming to a decision.

Accordingly, the third scheme was prepared at short notice for submission to the Imperial Conference. It differs from scheme 2 in that special programmes at hours suited to American and Australasian longitudes are added, and from scheme 1 in that the Empire service is not asked to bear a share in the cost of Home programme material utilised.

THE reservation must, however, be introduced that, while the figure for news bulletins in scheme 2 is one agreed by Reuters on the basis of a colonial service, the same figure as applied to scheme 3 is still subject to negotiation. A further reservation (the necessity for which is obvious) is that the phrase used by the Imperial Conference regarding an unconditional right to relay, would have to be interpreted as referring only to such rights as broadcasters themselves possess, and could not be held to involve the originating broadcaster in any contingent liabilities in respect of performing right, artists' contracts, news, etc., that might arise out of relay.

The requirements of an Empire broadcasting service may, from the programme standpoint, be conveniently expressed in terms of

(a) "Colonial" (afternoon) programme, partly composed of material shared with the Home listener.

(b) An "African" programme coinciding in time with the Home evening programme and containing little special matter.

(c) An "Australian and New Zealand" (morning) programme performed specially in the daytime but outside United Kingdom programme hours.

(Concluded on page 29.)

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.

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

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

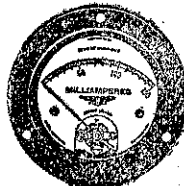
WELLINGTON, FRIDAY, NOVEMBER 27, 1931.

WHY NOT USE RADIO?

THE daily Press at the present time is full of political speeches and reports. That is a necessary concomitant of a general election. The rush movements of various leaders throughout the country are also recorded. Trains, motors, and even aeroplanes are under toll to provide rapid transport. That activity is creditable as an indication of the desire to make the fullest contact with the electorates. But perusal of the record of this frenzied transport prompts the pertinent query: Why not use radio? We are aware that the license issued to the Radio Broadcasting Company forbids the use of radio for political purposes. On general lines that regulation is sound. All general regulations, however, are subject at times to deserving exceptions. The case of a general election is such an exception. In Britain recently radio played a most important part in the momentous election held there. Without any frenzied travelling, but speaking quietly and calmly from the couch at his own fireside, the Chancellor of the Exchequer, Mr. Philip Snowden (now Viscount Snowden) was able to overcome his crippling physical disability and speak effectively and powerfully to the vast radio audience of Britain. All party leaders were given the privilege of expounding their case to listeners and electors. Their schedule was arranged fairly and equitably. Fair treatment was accorded all, and the electors benefited by a first-hand exposition of the issues of the policy upon which they were asked to judge.

WE see no reason why New Zealand should not use radio as well.

This election is as momentous to us in many ways as Britain's election was to her. We are confronted with vital issues. The electors must decide essential policies. Many electors, particularly those in backblock areas, have not the opportunity of hearing those policies expounded by their chief exponents, the leaders of the various parties. They would appreciate considered and reasoned addresses over the air as a means of acquiring information upon the issues before them and determining their reactions.



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



Factory Representatives for New Zealand:
ABEL, SMEETON, LTD., Customs Street East, Auckland.

THE daily Press records that at numerous meetings leaders have been subjected to heckling and disorder to such a degree as almost to prohibit a fair statement of the case being presented. Radio conquers that disability. Radio reaches without interruption an audience immeasurably vaster than can be attained in any hall in the Dominion. In neglecting to use radio we consider our political leaders are overlooking an important social amenity. While seven years ago, when the Company's license was granted, the precaution of restricting political use of the air may have been advisable, that condition does not exist to-day in the light of further experience and appreciation of the power of wise regulations. We sincerely trust that, under the new regime that will be embarked upon on January 1, the necessary elasticity will be available to permit of the radio system being used on occasions of national importance such as allowing the electors of the Dominion to have the benefit of first-hand exposition of their policies from the various party leaders.

A Popular Choir

(By "Call Up.")

THE 1YA Broadcasting Choir is a credit to Auckland. Formed in 1929 at the suggestion of the 1YA Musical and Dramatic Committee, for the sole purpose of broadcasting work, the choir has since become recognised as one of the leading musical combinations in Auckland and their fame has spread further afield than their own city.

The success of the choir must be most pleasing to Mr. Len Barnes, 1YA station director, who formed it, and who has conducted it since the first rehearsal in June, 1929. The choir is indeed fortunate in having such an experienced and popular leader. Mr. Barnes was for eleven years a member of the Christchurch Cathedral Choir, under Dr. J. C. Bradshaw, to whom he acknowledges a wonderful foundation for choir training and musical knowledge. While residing in Wellington he was conductor of the Orpheus Musical Society, the Wellington Amateur Operatic Society, and The Terrace Congregational Choir. The choir originally had thirty-two voices, but this number has since been increased to forty. More than half of the members have also sung as soloists from 1YA.

Among the works performed are "The Messiah" (Handel), "The May Queen" (Sterndale Bennett), "The Banner of Saint George" (Elgar), Choral Songs from the "Bavarian Highlands" (Elgar), "St. John's Eve" (Cowen), "The Rebel Maid" (Montague Phillips), "The Legend of Nerubudda" (Hubert Bath), "Messe Solennelle" (Gounod), and "Hymn of Fraise" (Mendelssohn). They have also broadcast part-songs, anthems, an adaptation of Longfellow's poem "Evangeline," programmes of old-time songs, sea chanties, negro minstrels, community singing, and Christmas carols. In all they have made about thirty appearances in full since their first concert in August, 1929.

Mr. Cyril Towsey is accompanist, and at times the Salon Orchestra plays in conjunction with the choir. The deputy-conductor is Mr. J. L. Heath, many of whose compositions have been sung by the choir.

On December 9 the choir will broadcast, with the Salon Orchestra, Handel's "Messiah," the soloists being Nellie Marriage, Kathleen Mulqueen, Syd. Poffley and Len Barnes. From 11 p.m. on Christmas Eve they will sing carols and on New Year's Eve old-time songs.

An International Programme

MR. T. I. KAWASE, the Japanese student now at Lincoln College, Christchurch, who recently gave a gramophone lecture-recital at 3YA on Japanese folk music, is a keen musician with an international outlook. He has suggested, and has offered to contribute to, an international programme, which will probably be arranged before the end of the year. This will no doubt take place during the season of "goodwill to all men." Mr. Kawase is a tenor singer and is prepared to contribute the Japanese portion of the programme.

4YA Musical and Dramatic Committee

AT a meeting of the 4YA Musical and Dramatic Committee, held on November 7, presided over by Mr. H. P. Desmoulins (representing the Dunedin Choral Society), there were present: Messrs. J. G. Butler (Royal Dunedin Male Choir), H. Renfree (Anderson's Bay Glee Club), D. E. Dall (Dunedin Shakespeare Club), J. F. Himburg (Dunedin Philharmonic Society), A. Cook (Dunedin Burns Club), Lloyd Ross, M.A. (W.E.A.), P. S. Anderson (Returned Soldiers' Association Choir), J. Crossley Clitheroe (Training College Choir), and A. F. O'Donoghue.

Apologies for absence were received from Messrs. McFarlane and Russell.

The deputation appointed to interview the Choral Society regarding its request that it should be paid an increase on the flat-rate subsidy allocated by the committee for its concerts, reported having explained the position to the society. The society, however, still considered that it should be paid the increased amount, and that it proposed writing to the company regarding the matter.

The station director outlined programmes proposed, which were discussed at length and suggestions made respecting talks, etc.

Following on a discussion regarding the broadcasting of plays, Messrs. Dall and Lloyd Ross were deputed to look into the question.

On the suggestion of Mr. Butler, the station director undertook to arrange an Irish night.

Notes and News from the North

(By "Call-Up.")

THE series of talks being given from 1YA under the auspices of the Workers' Educational Association are being very closely followed by many listeners, and the scheme is meeting with every success. Circles have been formed in several districts for joining in the study of the broadcast talks, and interest is being evinced in other ways.

ON November 26, station 1YA will relay another of the Royal Auckland Choir's concerts. This choir, which has been popular in Auckland for many years, is now, as a result of broadcasting, establishing a reputation in other parts of the Dominion. In Dunedin an old member of the choir distributes programmes to those interested, and as many as a hundred and twenty people gather to listen to 1YA's relays of the Auckland singers.

MAORI music, with its unique charm, is always popular, and for that reason the appearance of Abel Rowe on the 1YA programme on November 27 is sure to be looked forward to. Mr. Rowe is the composer of "E Pari Ra" and other well-known Maori songs. He will sing four of his own songs over the air, including "Maori Lament" and "Te Huia," a song of welcome which was specially written for the Duke and Duchess of York when they visited the Dominion a few years ago.

SEIGNEUR COSTANTINI, conductor of the Auckland Puccini Society, was formerly a member of the world-famous Sistine Choir. Under his able leadership the society will give a concert from 1YA on Sunday evening, November 29. This will include a trio from "Forza del Destino," quartet from "Rigoletto," Leonora's Prayer from "Forza del Destino," Credo from "Othello," and the Church Scene from "Faust." The second half of the programme will be given to an oratorio, "Benedictus Domino," by Monseigneur Laurence Perosi, conductor of the Sistine Choir.

MANY people who are heard from 1YA evoke listeners to write to them, and many are the letters which arrive at the station addressed to different speakers and singers. "Lee-fore-Brace," that amusing old sea-dog who has rapidly become popular with listeners, seems to be in a position to claim a record for correspondence re-

GOOD JOBS FOR RADIO EXPERTS!

The modern radio is a long way ahead of the simple sets that almost anyone could make, consequently, there is a great demand from Radio Manufacturers, Dealers, Shipping Companies, and the Government for MEN WHO KNOW. The I.C.S. RADIO COURSE was planned to meet present-day demands. We train you for REAL success in Radio. Write for illustrated literature and full particulars.

The International Correspondence Schools (N.Z.), Ltd.,
1822 WAKEFIELD ST., WELLINGTON.

Extended Hours For Holiday Season

Sessions From Midday Onward

As is the custom of the YA stations, extended hours of transmission will be observed during the holiday season. It is announced that beginning on Monday, December 14, 1YA, 3YA and 4YA will go on the air daily at noon.

From 12 till 2 p.m. special lunch hour music will be broadcast, and the programmes presented daily will be in keeping with the holiday spirit of the season.

The extended hours will not apply to Sundays or Christmas Day.

ceived from interested listeners, and the likelihood of the postman claiming a premium from "Lee-fore-Brace" is apparent when it is stated that he has received well over four hundred letters addressed to the studio. We understand that already he is considering the engagement of a private secretary to attend to this correspondence.

MRS. A. M. LEWIS, a new artiste, will appear from 1YA for the first time on the evening programme, November 27.

Microphone Whispers.

The Puccini Society will give a concert from 1YA on November 29.

There is every probability of a short relay from the Auckland Amateur Operatic Society's presentation of "The Greek Slave" being included in one of next week's programmes.

"Sponsored Programmes"

"How We Escaped"

THE latest issue of the London "Wireless World" contains a paragraph under the above headings which will be of special interest to New Zealand radio listeners:—

Few people were aware at the time how near we came last week to a regime of "Sponsored programmes."

The Treasury officials were seriously discussing a proposal whereby the State would have appropriated the entire license revenue, leaving the B.B.C. to take what steps it could to derive income from commercial advertisements.

Radio and Fishing Industry

Successful Norwegian Experiments

DURING the early months of this year an extremely interesting experiment was made by the Norwegian fishery authorities. For the first time, wireless and aeronautics combined were employed as a reconnaissance service for the fishing fleet during the great spring herring fishing off the Western coast.

A few weeks prior to the usual time of arrival of the herring schools, two naval seaplanes were dispatched to Aalesund, the centre of operations. Here the fishing fleet was already foregathered, 15,000 fishermen and some 2000 motor-vessels. The two planes were equipped with radio, and, as observers, fishermen practised in the ways of the herring were chosen. The plan of operations was simple but effective. Each plane was given a certain segment of the coast to cruise over, and any sign of the herring schools was to be signalled back to the wireless station of the fishery authorities at Aalesund, from which it would be immediately relayed to the fishing fleet.

It was found that this method of fish-reconnaissance is the most effective that has ever been used. Hours are saved by the fishing fleet in getting to the fish with their nets, and schools which might otherwise have been overlooked are spotted by the planes and signalled to the fishermen. Radio-aeronautical assistance in the fisheries has effectively proved its worth, and the method will be used in all the important seasonal fisheries of Norway.

Radio Station Seized

Mexican Communists At Work

AN incident probably unique in the annals of radio broadcasting occurred when a band of Communists forcibly entered station XEW ("The Voice of Latin America"), on the border between Mexico and Texas, where they overpowered the operator. They then transmitted a series of insults to President Rubio Calles and the American Ambassador, Mr. Clark. Also, in highly offensive phraseology, they attacked American "Imperialism" for alleged attempts to provoke war by Russia and China against Japan.

The group cut the telephone wires when a large number of persons called asking for explanations. The police are unable to trace the subversive propagandists.

XEW, Mexico City, which transmits on 910 k.c. (330 m.), with a power of 75 k.w., has often been heard in New Zealand.

Radio Listening Posts

English Playwright's Suggestion

ST. JOHN IRVINE, British playwright and critic, suggests in the London Press that penny-in-the-slot radio listening posts be established at street corners. There are occasions, he writes, when, being absent from home, one wishes to listen to a programme. One can scarcely trespass on the good nature of a private householder, especially if a stranger. He concludes by asking that if peanut and weight machines can be operated at street corners, why not radios?

IN commenting on the above, a writer in "Wireless World" remarks: "Why bother to instal listening posts? Why couldn't the man in the street pop into a telephone box, insert his twopenny, call 'Wireless,' and be switched through to Savoy Hill control room for a few minutes?"

The only apparent difficulty is that in the event of a universally popular broadcast, such as a football match, every telephone box in the country would be occupied, to the inconvenience of those wishing to use them for more serious matters.

EAGLE Jnr.

Here is a radio small enough to pack in your suitcase. Big enough to give real performance.

And—the Lowest price ever placed on a Dynamic-equipped Radio.

Wholesale and Retail
Royds-Howard Co.,
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W H I T H E R ?

"We are bound to recognise that the United States is one of the greatest forces in international politics, and its relative influence must increase. World conditions are pictured in which the Dominions in the Southern Seas would have to turn to U.S.A. for protection or co-operation in defence."

A Broadcast Lecture

By Dr. Hight

RECTOR CANTERBURY UNIVERSITY COLLEGE



ONE of the objects of these brief Thursday evening addresses is to stimulate goodwill toward other people, an active goodwill issuing from a policy aiming to minimise national misunderstandings and disputes, and to substitute for war a peaceful means of settling conflicts whenever they occur.

If we look back upon the experience of mankind we see that it is possible to do this, witness the passing away of family and inter-tribal feuds, of duelling and private wars from the practice of civilised nations, and the growth of international law and international agreements. If we do not thus stave off war, it threatens to destroy our civilisation, so far has man's evil genius for the invention of chemicals and machines apt to destroy whole communities, outrun his will and ability to curb his combative instincts and national prejudices and to put his mastery of nature's secrets to uses serving the good of mankind.

What does one of the greatest master minds of the age say? Einstein, whose name will live as long as that of any man to-day, wrote from Berlin on September 4 last: "What the inventive genius of mankind has bestowed upon us in the last hundred years could have made human life care-free and happy if the development of the organising power of man had been able to keep step with his technical advances. As it is, the hardly bought achievements of the machine age in the hands of our generation are as dangerous as a razor in the hands of a three-year-old child."

We who live in this small, thinly-peopled group of islands, the most remote of all countries from the heart of the cultural world, have great need of constant reminders to develop and maintain an imagination and a sympathy that shall enable us to respect the ideals of other nations and the knowledge and will neces-

sary to co-operate with them for the good of the world as a whole. We are heirs also to the proverbial aloofness and insularity of our British ancestors, though thanks to the freer social environment of a new country, Americans and Canadians find social intercourse easier with New Zealanders than with English people.

But the New Zealander who has not spent some time in the U.S.A. has often violent prejudices against everything American. This is a cause of pain to those who know something of the U.S.A., its people, and institutions, their difficulties, achievements, and history, especially when such hostility is accompanied by the regrettable self-complacency that has drawn the criticism of many visitors from abroad who come to note and study our developing national characteristics.

If we do belong to a superior people, it is not through our own merits but by the grace of God, and we should remember that impartiality, tolerance, and the will to see and understand the facts and meaning of life as it actually is, however these may shock our prejudices, are essential elements in any valid claim to superiority.

It is imperative that we should study the U.S.A. with eyes unclouded by preconceived ideas. It is a country with a huge population, English-speaking, comparatively near, and with immense economic resources. Whatever national economists may say to the contrary, circumstances decree that we must have intimate and important relations in trade and finance in the future. Strange as it may seem to us to-day, sixty years ago many in New Zealand desired that New Zealand should be annexed to the U.S.A. But to the historian and the social scientist who must take long views and regard our present position as merely a point in a long changing line of development, there is no improbability in supposing that in the



Exploration, the thrilling story of pioneer life the pushing back of the frontier of civilisation, have always had a strong fascination for the minds of young New Zealanders.

Whither

(Continued from page 7.)

future a similar feeling may develop, abhorrent though it may seem to us here and now.

M. Siegfried, in "America Comes of Age" (214, 335), pictures world conditions in which the Dominions in these southern seas would have to turn to the U.S.A. for protection or co-operation in defence.

We are bound to recognise that the U.S.A. is one of the greatest forces in international politics to-day, and that its relative influence must increase. Its development and the policy governing it must vitally affect our own position especially as a Pacific land; we are bound to it by the strong links of a growing commerce; and we are above all conscious of the common heritage of the two countries in the English language and British traditions.

We both live for the most part in temperate regions, are largely of the same race, and of similar social structure. As Bryce has said, "the value of experiments varies with the similarity of the conditions under which any given experiment has been tried to those of the country which seeks to profit by the experiment. The more closely the two sets of conditions resemble one another, the better entitled are we to draw conclusions and attempt predictions." New Zealand therefore should feel she can benefit by America's experience, since the political and economic institutions and the social life of the two are based on old foundations of similar origin.

In many respects a New Zealander can derive more immediate advantage from a study of American conditions than from one of British, because in America as in New Zealand there is none of that mingling of old religious, social, political and dynastic rivalries and traditions that tend to modify so much the free play of economic motives in a country like England, with a social structure cemented by the ideals of generations stretching far back in the Middle Ages.

Yet, again to quote Bryce: "Not only the institutions and laws, but also the conceptions of those things which constitute the values of life are just sufficiently different to make us feel their essential likeness." It is easier for Americans to understand the minds of Englishmen than those of other foreigners; it is still easier for them to understand the minds and feelings of New Zealanders or Australians.

W.E.A. talks on

INTERNATIONAL PROBLEMS

By the REV. W. G. MONCKTON, M.A.

Synopsis No. 3.—The Russian Five Year Plan (2).

To be broadcast from 1YA on Tuesday, December 8, at 7.30 p.m.

COMPETITIONS between the factories. Progress in some of the industries in Moscow. Large prizes awarded to successful factories and skilled workers. Enthusiasm of the Russian people. The effect on the health of the workers. A falling-off in the quality of many of the goods produced. The Plan retarded in the transport, building and mining industries. Examples of failure to achieve the full programme. Some industries more successful than others. Great progress in oil, electrification, and agricultural engineering. Large amount of capital invested in Plan. Some of the moral difficulties which the Soviets have to face. The Young Communist party. Progress in agriculture. Large grain farms. The "Gigant." Shortage of stock. Peasants slaughter cattle. Will the Plan succeed?

The following questions are worth considering:—

1. To what may the deterioration in quality of many goods produced under the Plan be best attributed?
2. Why should the "light" industries have proved less successful than the "heavy" industries?
3. What is likely to be the moral effect of the Plan on the Russian workers?
4. What are the merits and demerits of large-scale farming as compared with small allotments?

From the Same Stock.

AND because of these considerations we have made provision for a close study of U.S.A. history in our university. These courses are very popular with students, who feel they are all the time in contact with living issues, with problems similar to those in their own country, attended with similar conditions and working out in similar ways.

We cannot forget that the U.S.A. is the modern representative of the oldest English colonies, and that in the past it experienced stages of development similar to those in our shorter history. We feel that, in common with the other countries of the British Empire, we must understand its ideals and its ways of life if we are to work in harmony with

it as members of the great world family of nations.

Isolation, even for the smallest and most remote State, is impossible now and henceforth, and there can be no true permanent co-operation without complete knowledge. The U.S.A. is now definitely in world politics, so too, is New Zealand in a modest way. The only sane ideal in world politics is freedom for national development tempered by regard for the common good of the world under the sheltering wings of universal peace.

Now responsible statesmen of many nations have often said that the fate of the world lies in the hands of the British Empire and the U.S.A. Are they to act in rivalry or in harmony? How is this harmony to be achieved if the leaders of our two great democracies and the peoples themselves are not familiar with each other as well as with the highest social ideals that human science and philosophy can suggest?

Sympathetic Interest.

NEW ZEALAND, priding itself on its well-developed democratic Government, should feel an especial and sympathetic interest in the history of the first great republican and democratic state of the modern world which was among the first to experiment with religious liberty, manhood suffrage, and popular education, and the first to break away from the doctrine of the balance of power. The American federal form of Government appeals strongly to us as the first of its kind, as offering some hope of dealing effectively with the problem of reconciling local and central interests, as resembling a form of government similar to that which we

tried for nearly a quarter of a century (1853-76), and in some people's view as a possible model for the future constitution of the British Empire.

In American history, too, as in our own, we see social life in the making in all its stages. The tracks our two peoples have trod lie fully revealed in historic times.

A new country, not yet 100 years old, our problems like theirs have been chiefly economic—questions of land tenure, migration, taxation, control of economic forces, preservation of economic resources, standards of work and life. The exploration of the American continent, the thrilling story of pioneer life, the pushing back of the frontier of civilisation, the dependence of social status or prestige on actual achievement rather than on birth or inherited wealth, have always had a strong fascination for the minds of young New Zealanders.

The American literature of the period of expansion after the Civil War: Mark Twain, Bret Hart, Artemus Ward, Fenimore Cooper, Mary E. Wilkins, etc., made a strong appeal to our people. Though not directly concerned in the wonderful mingling of races in the U.S.A., we have been attracted by its romantic and unique character and by speculation as to its outcome. And we, just becoming conscious of the first flickerings of national feeling ourselves, should be curious to see how the American national spirit had been kindled, how it was fanned or fed, and the kind of guiding light it provides for our own future path.

[Owing to unusual pressure on space the continuation of this article has had to be held over till next week.]

3YA Children's Sessions

SOME very interesting programmes have been given during the 3YA Children's Hour recently. One that was really outstanding was provided on Saturday, November 14, by "Uncle Charlie" (Mr. Vernon Griffiths, M.A., music teacher at the Teachers' Training College) with his choir of boys. They produced "Pirate Gold," an amusing and clever operetta, the words and music of which were composed by Uncle Charlie himself.

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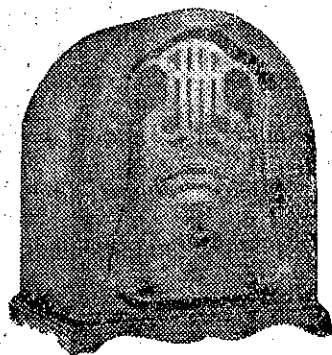
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New Zealand as a Market for Australian - Made Radio Goods

Observations by

A. P. HOSKIN,

Overseas Sales Representative of
Amalgamated Wireless (A'asia) Ltd.

MR. A. P. HOSKIN, overseas sales representative of Amalgamated Wireless (A'asia), Limited, returned to Sydney last week after a comprehensive business tour of New Zealand. During his visit Mr. Hoskin covered the whole country, visiting every centre of importance in connection with his firm's business. The reason for the visit was the insight gained in the preceding year of the importance of the Dominion market to the firm as an outlet for Australian-made radio sets. As a result of his visit Mr. Hoskin has submitted a detailed programme to headquarters calling for the manufacture of a set specially designed to suit the conditions obtaining in New Zealand. The difference between Australia and New Zealand, from the listener's point of view, is that Australia has a greater number of stations; and, because of the contour of the land and the absence of mountain ranges, etc., those stations seem to radiate and serve greater distances than is generally the case in the Dominion. Furthermore, in Australia the city listeners, particularly in centres such as Melbourne, Sydney, Adelaide, etc., more frequently use indoor aerials than outdoor aerials. In New Zealand, however, the listeners as a whole desire outside reception to a greater extent than does the average Australian listener, and for this reason it is necessary to employ an outdoor aerial, which in turn necessitates greater selectivity. The programme of manufacture about to be embarked upon to cope with New Zealand's growing demands provides for the attributes specially desired in New Zealand.

In the course of a general chat Mr. Hoskin paid a tribute to the service rendered listeners by the trade in New Zealand, and particularly the country dealer. He had been surprised, he said, at the high class of service given by country dealers, and their recognition of their responsibility to listeners. Their window displays and service generally were of a high class.

Mr. Hoskin mentioned also that, according to a statement made recently by Mr. E. T. Fisk, managing director of Amalgamated Wireless, the Company would be entering upon the manufacture of radiotron valves in Australia in the very near future. Arrangements were also in hand for Amalgamated Wireless, Ltd., to receive the benefit of leading overseas investigations into valves. This departure would be quite notable.

The Company's policy under Mr. Fisk had always been of a progressive character, and it was interesting to note that quite extensive export business was now being engaged in from Australia, both as regards transmitters and receivers. Transmitting apparatus was being forwarded quite extensively to Great Britain for installation in vessels on the stocks in British shipyards.

In Australia itself radio, in spite of the depression, had enjoyed the most prosperous year of its history. An embargo had been placed upon the importation of radio sets, with the result that manufacture of Australian sets was greatly stimulated. Sales to listeners had expanded at an unprecedented rate, possibly because the depression obliged people to stay at home more, and they found radio the cheapest form of entertainment.

The Company had been prompt to take advantage of its opportunity, and its own sales and manufacture had expanded remarkably. This was a tribute to the far-sighted organisation of Mr. Fisk, who had always pursued a progressive policy. Thousands yearly were spent in research work, and in broadening the experience of officers of the Company by visits overseas.

MR. HOSKIN predicted that New Zealand listeners would find Australian goods an increasingly important factor in the future, as mass production methods could now be employed which, with the Australian practice of working to a quality standard, would result in an attractive article being placed on the New Zealand market at a competitive price.



Section of Machine Shop at the A.W.A. Radio Electric Works, Sydney, where all classes of radio transmitting and receiving apparatus are made.

Health Camps for Delicate Children

A 2YA Address

IF we have growing up in New Zealand vigorous, happy, and intelligent children most of our trials, from a national point of view, become temporary. Courage and energy, endurance and good judgment, whether in an individual or a country, are most readily associated with health of body and mind. With what seems amazing rapidity, the children in school to-day will, in ten or fifteen years, be running their own lives and helping to run the country. It is our duty to see that they enter the battle of life well equipped for it, and no one will dispute that the foundation of health, capability, and optimism is laid in youth.

We are justly proud of New Zealand children and of the records of our young people. It is inspiring, too, to note their growing devotion to out-of-doors. Tramping and swimming, camping and sports are taken up with enthusiasm and benefit. For all our grumbling about weather, the New Zealand climate with its liberal sunshine and winds that blow over miles of sea, unchecked even from their Antarctic, does offer unrivalled opportunities for healthy growth and development.

THERE remains still, however, a group for whom health is required. School medical statistics show that from seven to ten per cent. of New Zealand children are suffering from defective nutrition. This does not mean that these children have necessarily an inadequate food supply, but it does mean that a definite number do not attain to physical well-being, and of this group there is undoubtedly a percentage whose failure to progress is due to latent tuberculosis. Nowadays we are fortunately able to be more optimistic for such children, provided we are able to take early means to protect them.

Comparatively few people would die from tuberculosis if all cases were recognised and placed under suitable treatment in the early stages of the disease. In fact, hope is the essence of treatment for tuberculosis, and this applies to all cases.

The children for whom I am making an appeal, however, are not suffering from tuberculosis; they are suffering from poor vitality which often precedes it. We want to get them soon enough and make them strong enough to resist illness. There is, of course, no condition where good nutrition is more imperative than in this, but when it is found hand in hand with poverty, good nurture is impossible.



Dr. Ada Paterson, Director of School Medicine.

—S. P. Andrew, photo.

An Explanation and An Appeal

By Dr. Ada Patterson

To give delicate children a chance to grow strong is not only humane, it is in accordance with commonsense, and even from cold financial considerations is desirable.

The cost to the State of prevention is much less than the cost of cure. It is also a much more cheerful process to the individual and much more economical with regard to time and happiness. The results of health camps show

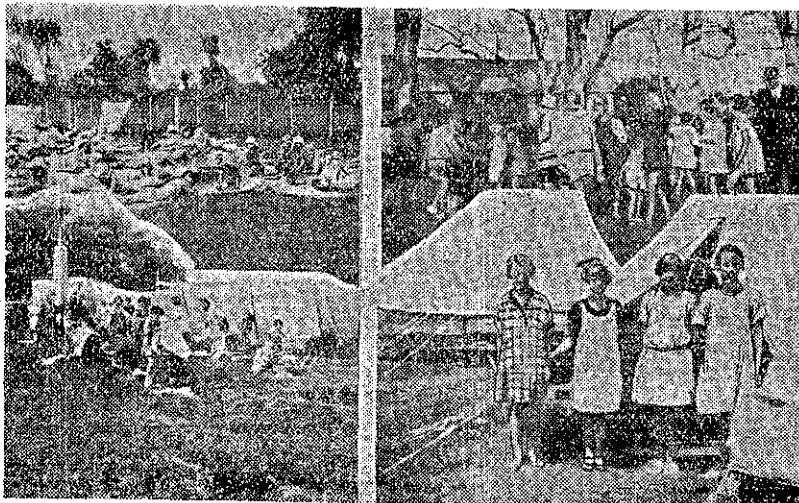
clearly what can be done by a simple routine permitting plentiful sunlight and fresh air, good food, and an engrossing round of work, rest and play.

SUCH a regime works like a charm, and children who have once enjoyed the benefits of camp life are nearly always found to have begun the journey toward permanent health. In New Zealand the first health camp was held at Turakina, Wanganui district, under Dr. Elizabeth Gunn, on the property of, and with the very generous assistance of Mr. B. P. Lethbridge. Since that time many camps have been held in various parts of New Zealand. Voluntary organisations such as the Auckland Community Sunshine Association, the Waikato Health Camp Association, have been most active. Private citizens in many instances have been most generous.

In Wellington district there is at present a large area of land at Otaki beach given for the purpose of a health camp site by Mr. Byron Brown. A building is being erected thereon, and it is hoped that in January next it will be ready for occupation. Those of you who know Otaki can realise what health-giving opportunities and joyful interest there will be from living by the sandhills, near the shore and bush with plentiful sunshine and sea air.

The inevitable problem arises as to the upkeep of these camps. From the Dominion standpoint their value is undoubted. I have tried to explain that they attend to the stitch which taken in time saves nine. For the last two years funds have been raised by the Christmas Stamp Campaign.

You probably know the story of the origin of the Christmas Stamp—how it arose from the inspiration of a young postal clerk in Denmark who was working late one Christmas Eve distributing greeting cards and letters. It occurred to him how excellent it would be if all the fortunate senders and recipients of such gifts would spend a fraction additional for the benefit of those to (Concluded on page 28.)



AT ONE OF DR. GUNN'S EARLIER HEALTH CAMPS AT TURAKINA. Top left: Boys sunbathing. Top right: Rallying round for the 6 a.m. cup of coffee. Mr. Lethbridge, on whose property the camps were held, can be seen on the left. Bottom right: The early morning wash. Lower right: A group of girls outside their tent. Note the method of rolling back the flaps to allow of thorough ventilation.

THERE 'as been a lot of talk about the quality of radio programmes—too much Bach and not enough bash, too much Stradivarius and not enough fiddle, too much oboe and not enough "Oh, beau!" Well, I decides to give me best brains to radio and solve the matter once and for keeps:

I starts to probe the problem of the programme, Elucidate just what the folks requires,

*I finds that them what's nutty on the banjo
Can't tolerate the garglin' of the choirs!
Some favours jazz, Jew's 'arps, and jiggin' jangles,
And them what 'ates a chanty loves a chant;
Some likes the flute, the fife, and the falsetto,
And 'ates the chaplain's chat on "Charley's Aunt!"
Some scoffs at Scripture, or at Scotch comedians,
Staccato, static, or the saxophone,
At lectures on "The Life in the Limburger,"
"Do Oysters osculate or Groopers groan?"
Paul Whiteman was standoffish with Tschaiakowsky,
Godowsky got the pip with Johann Strauss,
"More gramophone," "less overtone and echo,"
The air was full of grievances and grouse!*

WELL, that's the position as I finds it, and no wonder the broadcastin' folks is bald with scratchin' their 'eads so much. The first thing I does is to get rid of all bias and 'ave an open mind, so I throws away some old valves what ain't no good, and a consumptive condenser, and tears up a letter what I was goin' to send to the newspapers on "The Archibald Theory of the Push-Pull Pentode," or "Negatively to Place Things on a Factual Basis!" Now I was ready.

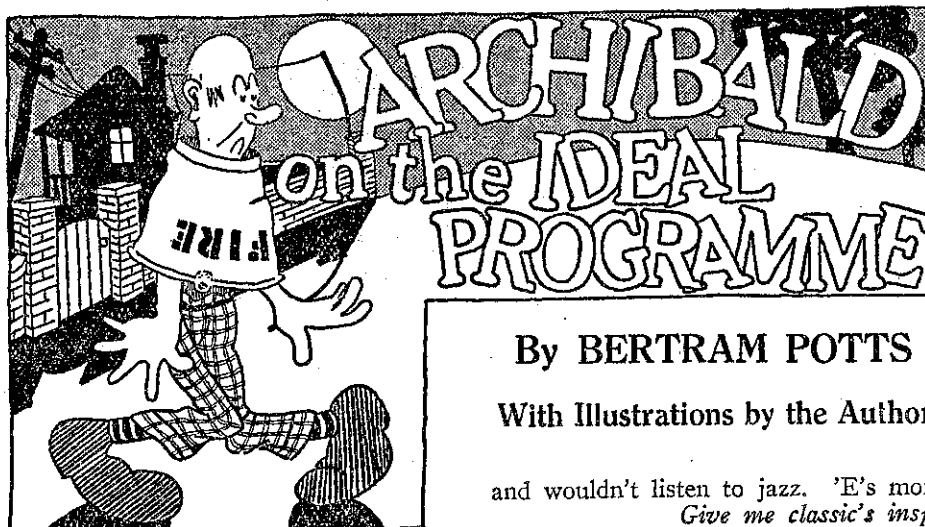
I packs a lot of records what I borrows in a box with me gramophone, and rows in a little boat to the middle of the 'arbour for the sake of peace at 'ome! The day was 'ot and me 'eart was light, and I couldn't 'elp but sing:

*Oh, Radio! Oh, Radio! Your problem now is solved
Because this knock-out knotty point on Archibald devolved!*

*'E'll ask and delve,
and sift and seek,
'e'll 'unt and probe and grope,
'E'll study, scrutinise and peer, explore and sound
—and hope!*

Alas, 'ow true the sayin': 'Ope for the best and prepare for the worst!" I 'ears all the records and draws up a balanced programme. Then I rows to a friend's 'ouse across the bay. 'E likes jazz and light music, and laughs in me face when I suggests that 'e 'ear a symphony for a change! 'E wants to know what me notebook is for, and when I tells 'im it's to note 'is impressions in, 'e laughs again and says: "If I tells yer what I thinks of 'ighbrow music, yer'd need abestos papers!" 'Is idea is:

*Give me ragtime syncopation,
That does me for recreation,*



By BERTRAM POTTS

With Illustrations by the Author

and wouldn't listen to jazz. 'E's more like this:

*Give me classic's inspiration,
Chantin' of the congregation,
That to me is adoration,
Music of the spheres!
Listen! Cut out conversation,
And enjoy the orchestration;
Jazz is merely cackination—
Thunder in the ears!*



intoxicate everybody—even the cow bein' milked to the strum of the mandolin or the rift within the lute—a programme to appeal to the 'ighbrow, the lowbrow, the cow, sow, and bow-wow—to all kinds of temperaments, tempers, and distempers.

Some folks likes to sip their soup to the plug of the plectrum, while others prefers the noise of the bagpipes to disguise the noise of the soup. Some prefers guitars to go with their giblets, and tenors with their tripe, while others wants Grieg with their grog and sopranos with their bananas. I finds I'm fishin' in troubled waters with music as the apple of discord.

FOR them what prefers animal noises, I goes to the Zoo to practise a few roars and cackles. I takes me coat off and rolls up me sleeves free and easy, gets a bag of peanuts for the monkeys, and comes face to face with the elephant. I tries to get 'im to roar, so I trumpets in 'is ear. When 'e spots the bag of nuts, 'e tries to get them off me, and playfully picks me up round the waist till I drops the nuts on the ground. 'E eats but don't roar, the lion only yawns, the monkeys sits and scratches—perfect silence, except for small boys whoopin' in me ear! I nearly gets discouraged.

I slips out of the 'ouse that evening and runs down the road to a friend what's musical. He says 'e is as broadminded as other musicians and considers there is two points of view—the right and the wrong, and 'e is always right! 'E says that I am a man of keen intellect—otherwise I wouldn't 'ave gone to 'im for advice. First, 'e says there must be organ music on Mondays, operas on Tuesdays, oratorios on Wednesdays, cantatas on Thursdays, symphonic poems on Fridays, modern motifs on Saturdays, and choirs on Sundays!

"Then yer don't care much for the mouth-organ!" I says. 'E looks at me suspicious-like and says: "Educate the public! Don't give 'em what they want, but what they should 'ave!" When I says 'is programme would make the depression (Concluded on page 28.)

*All the rest's abomination—
Make the welkin ring!
Jazz is joyful jubilation,
Furthermore, exhilaration,
And expresses exultation—
Makes yer shoulders swing!*

So I packs up and goes to another friend's place. 'E's just the opposite—'ot stuff on organs and dirges

I rows 'ome thoughtful—'ow to get 'armony in their 'eart-beats, 'appiness from 'ub-bub, and make them see ear to ear with each other. The ideal programme would 'ave to be a musical cocktail what would

News and Views of the D.X. Club

Answers to Correspondents

DXIT (N.P.): Thanks for cuttings. Those concerning criticisms of 2YA's announcer will not be published, as they are obviously written by people of such limited intelligence that they will never be satisfied with anything. The other we are using elsewhere.

C.V.B. (N. Auckland) and "Joey" (Hokiana): Both your verifications would be accepted for the DX Competition.

"Digger" (Hamilton): Thanks for cutting. We may possibly use it.

DX840C (Dunedin): If your report has been definitely confirmed it would count for the DX Competition.

Addresses and Addresses Wanted

Would J.V.K. (P.N.) please forward his address?

Identification Wanted

On Nov. 16, station on 1460 kc. (205 m.) heard testing on speech. Someone asked for Mr. Watt, timekeeper, and asked: "Did Mr. Bell speak to you at 5.30 ... well, you know the position." Call resembled ZLW. Gisborne.—DX111A (Tauranga).

DX Topics

XER on 75 kw.

At 7.5 p.m. on Nov. 18 I again heard XER, Del Rio, Texas, at R7-8. He was closing down, and mentioned that his frequency was 735 kc. (408 m.), and power 75,000 watts. His time was 1.3 a.m.

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.

C.S.T., and he remarked that he would be on the air again at 5 a.m. At 11.15 p.m. I again picked him up, and obtained enough particulars to write for verification.—DX113A (Bay of Plenty).

The Effect of Wind on Reception.

A RECENT verification from WBBM states that their broadcasting hours have been changed from 9 a.m. to 6 p.m.; 8-10 p.m.; and 12-1 a.m. daily, to 9 a.m. to 10 p.m.; and 12 midnight to 2 a.m. Static has been very bad here lately, and this, coupled with the noise from a faulty transformer nearby, makes 2YA about the only station worth listening to. I have asked the power board to repair the transformer, but so far they have done nothing. What is the best thing to do? [Contact your local radio inspector.—Ed.] Has any dxer noticed the different reception one obtains with different winds? On a still night here fading is bad, but when it is blowing almost a gale reception is excellent. A south wind appears to bring much interference, but with a north wind reception is O.K.—DX53. OC. (Kuwro).

XER on Remote Control.

THE following are particulars of VK2-HM, taken from a recently-received card. The transmitter is a TP.TG outfit, with 40 watts R.A.C. Frequency is not given, but was the same as that of 2XI.—1365 kc. (219.6 m.). Re XER: An Australian paper gives the location as Villa Acuna, Chihuahua, Mexico. Villa Acuna is situated immediately across the river from Del Rio, Texas. Power is also understood to be 75 kw. When heard here the first Saturday that he was re-

ported, the announcer repeatedly remarked that they were broadcasting by remote control from Del Rio, Texas.—A.I.B. (Dunedin).

Discourteous DXers.

CONDITIONS have been very poor lately for dxing. The early morning stations are scarcely audible, and the Americans are becoming weaker. Australian and Japanese stations, are still very good. Latest verifications include

Japanese Stations

THE following is a list of the Japanese stations on 10 k.w., with frequencies, taken from the verification card recently received from JOIK. "Red Bird" (Wellington):—

Call, Location	kc.	m
JOAK, Tokio	870	345
JOEK, Hiroshima	850	353
JOIK, Sapporo	830	361
JOCK, Nagoya	810	370
JOJK, Kumamoto	790	390
JOHK, Sendai	770	390
JOBK, Osaka	750	400

KNX, KMTR, and KFOX. The last in a letter say that they are on the air the clock round, instead of going off from 3 a.m. to 5 a.m. as in the past. I have had my dx reports returned from several stations, including 4RK, with "Reception verified" stamped on the back. I notice some dxers complaining about not receiving an answer to their reports. Are they aware that some B stations, including 1ZM, Manurewa, and 2ZM, Gisborne, reply to reports only over the air? Some three weeks ago you forwarded me an address of a dxer who wanted me to communicate with him. I did so the following day—over three weeks ago now—but so far have not received a reply. In another case a reply came five and a half weeks later, and the writer remarked as an excuse that he had been busy dxing, and was sorry to keep me waiting. I do not mind writing to other dxers, but I

certainly think they should reply in reasonable time.

The station I inquired for in the "Identification Wanted" column of last week's "Radio Record" I have since identified as KFRC. He is listed as operating on 492 m. (610 kc.), but comes in on 484 m. (620 kc.).—"Digger" (Hamilton).

Mexican Dxing.

"KIA ORA" (Frankton Junction): I have heard Dr. Brinkley's name mentioned over XER, which station, by the way, announced that with their power of 75 k.w. output they were the highest powered station on the Continent. I have heard three Mexican stations which I was unable to identify because all announcements were in their own language. To make matters worse they would not stay on their frequencies long enough to make a Call-book of any assistance.—C.V.B. (N. Auckland).

Forty-two Europeans.

DURING the last two months I have heard 42 European stations, but many of these I could not identify. About three weeks ago I tuned in to one on 655 kc. (457 m.), and for 30 minutes heard an excellent concert composed of yodelling items. Strength was R9, with no fading until long after daylight. I think this station was undoubtedly Zurich, Switzerland. I have received a number of verifications lately from overseas, including those from KROW, KPVD, KTBS, and Colombo, Ceylon. The engineer from the latter station enclosed a copy of the "Ceylon Radio Times," and mentioned that reports had been received from two other New Zealand listeners. There is no doubt that we in New Zealand have some very up-to-date lists of broadcasting stations throughout the world, but there is one country in particular—China—about which information is very scanty. I have heard stations broadcasting the speech and music peculiar to Eastern races on the following frequencies: 900 kc., 910 kc., 925 kc., 935 kc., 950 kc., 965 kc., and 1050 kc. The station on 965 kc. (311 m.) is probably NKS, Shanghai. What is the correct frequency of XGAH, Shanghai? I have two lists referring to this station, one giving the frequency as 815 kc. and the other as 915 kc. Which is correct? [Possibly neither. Our latest call-book gives this station's frequency as 937 kc. (320 m.).—Ed.] With reference to the club motto I would suggest that the words "To Help" be part of it. My reason for suggesting this is that I believe a number of dxers are not giving the help they could in regard to "Identification Wanted" requests. To give an instance: An Invercargill

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dexer recently asked for particulars of a number of American stations heard one evening, but no one replied to his queries, yet in both the "Radio Record" and the "Log" several dxers mentioned the splendid reception of American stations enjoyed on the same evening. Dxers throughout New Zealand are greatly indebted to the help given them by Messrs.

European Broadcasters

Dxers who tune into the European stations in the early hours of the morning will be interested in a 48-page booklet we have just imported specially from England. The booklet, produced by "World Radio," contains a complete list of all European stations with notes on each. By these notes one can identify the station without knowing a word of the language. Frequency, wavelength, and power are also given. Space is left in the margin for dial readings and any other notes.

The booklet is complete with short wave European stations.

A few only of these are available (price, 2/-), and dxers are urged to secure their copies immediately.

J. P. Cowlishaw, S. R. Ellis, N. Jenkins and a number of others, but I feel sure that many others could help.

I notice that one dxer has KTBS on his black list. In answer to a question of mine the manager of this station informed me that no application for verification had been received for some time from New Zealand. I would suggest that this dxer write again, as apparently his letter has gone astray.—DX40C (Invercargill).

Power of WDAG.

LATEST verifications received are: KGW, Portland; KGU, Honolulu; and 2BL, Sydney (daylight). I also received a New Testament from WLAC, autographed by the minister, H.F.A. (Masterton). According to a late call book, WDAG is listed with power of 1 kw. Also just received a verification from KUOA, Fayetteville, 1890 kc. (216 m.).—DX1HB (Waipukurau).

The November "Log"

An Enlarged Number

SINCE its inception the "Radio Log" has been steadily improved and enlarged, and this month's issue is easily the best yet. It has been enlarged to 32 pages and contains several new features.

"Countries We Listen To" is a feature which will be of interest to all those whose receivers take them beyond the local stations. It is proposed in this section to review all the principal countries that can be heard in New Zealand, outlining the history of their broadcasting and describing the main stations. This month we take Germany. This is of topical interest, as the two big stations, Muhlacker and Heilsberg, have been heard quite often recently. The article is complete with a broadcasters' map of Germany showing the situation of all German stations.

The next new feature is "How to Improve Your Installation." Month by month we propose to review the dxers' installation, suggesting improvements that may be made. This month we consider the aerial and bring to light several points that most enthusiasts, we are certain, overlook.

Our Technical Section, the third innovation, will interest those who wish to tune their sets up to maximum efficiency. It is proposed not to deal with constructional items at length, but rather to have non-technical discussions

on certain features of the set. This month the pentode valve comes under review, and dxers are told, in a simple manner, how it works, how to use it in their sets, and how to get good results. The shortwave section has been enlarged and this month takes in an illustrated description of that popular short-waver, Raido Saigon.

Other articles of interest are "The Origin and History of Call Letters," in which the American "K's" and "W's" are explained, the slogans of the American stations—a list of 150 or so of slogans covering the majority of the stations heard in New Zealand. This list will be of importance for reference purposes, in that it often happens that the slogan is heard but not the call sign.

There is a dxer's map of New Zealand, in which is shown the location of all the New Zealand stations. The "Monthly Mail" contains many interesting letters and a wealth of information picked up over the air by dxers.

The Call Section, as usual, contains a large list of new and amended Q.R.A.'s and, in addition, there is a complete list of New Zealand stations, including the three shortwavers and a new list of American stations. This list of Americans is unique in that it contains some hitherto unpublished (in New Zealand) information concerning the attitude of the stations regarding the verification of stations, their

schedules, power, chain connections, etc. This list is invaluable to dxers who tune in to trans-Pacific stations.

The November "Radio Log" is now on sale and can be obtained from almost any bookseller or radio dealer for 6d. Only a limited number are available, so secure your copy early.

DX Meeting

Alteration of Date

OWING to unforeseen circumstances the date of the proposed meeting for dxers has been put forward to Thursday, December 3. As a representative attendance is required, as many dxers as possible are urged to attend. The meeting will take place at the offices of the "Radio Record," third floor, "Dominion" Building, Wakefield Street, Wellington, at 7.30 p.m. on Thursday, December 3.

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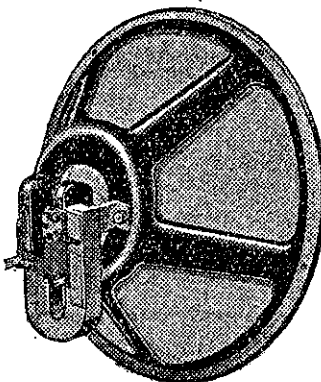
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Space does not permit of a full and complete description of the new Speaker but, according to leading engineers of the industry who have investigated the Speaker, it is destined to supplant other types even more completely than the Cone-type Speaker supplanted the Horn-type Speakers a few seasons ago. Ask your Dealer for free copy of pamphlet, giving full information in regard to this new Speaker.

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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.

OMSK (Bay of Plenty): By placing my finger on the aerial terminal and moving my hand on the first power valve reception is increased 50 per cent. Is this injurious to the set?

A.: Not at all; you are introducing a little regeneration, and this will do no harm. Examine your aerial equipment,

making quite certain that it is not at fault.

2. If I disconnect the earth and place it on the aerial terminal the volume is increased but a clicking noise is heard.

A.: Usually by removing the earth the set is brought a little nearer oscillation

and consequently becomes more sensitive. Signs of instability, however, usually manifest themselves, and take the form of the clicking of which you speak.

3. My set, with the aerial and earth connected, crackles above 1000 k.c. Is this outside interference?

A.: We think so, particularly as the noise is not present when the aerial and the earth is disconnected.

D. B.C. (Whangarei): The instructions accompanying my set state that I should use four "B" batteries and two 22½ volts "C" batteries. I am using three 45-volt "B" batteries and 27 volts "C." Why are my batteries not as recommended?

A.: It is probably a matter of cost. The increase in efficiency of the extra batteries would probably not warrant their cost, although some improvement would be noticed.

ENVOY (Timaru): You do not tell us what type of coil (r.f. or detector), and what valve you intend to use.

2. R1 might be reduced to 1 megohm with advantage. C is possibly a little too small for good reproduction, and should be increased to .01.

J. F. (Kohi): The specifications call for a 32 mmfd. condenser. I have taken two stator plates off the 13 plates 50 mmfd. condenser. The rotors are immovable. Would this be satisfactory?

A.: Yes; in any case, without taking off any plates, your own condenser would do.

2. What is the difference between 200 and 200A valves and 171 and 171A valves?

A.: The former in each case are .5 amp filament current valves, and in the second ½ amp.

G. G. (Auckland): Could I use fixed gravity type Daniell cells to keep a six-volt accumulator charged, or would I have to use six cells or eight suitably arranged?

A.: Your best plan would be to use eight connected in series with the ends attached to the battery. You need a higher voltage in the charger than that delivered by the battery in order to overcome back e.m.f.

HOPEFUL (Wellington): I cannot overcome hand-capacity on the higher frequencies of my s.w. receiver. I have screened the detector portion of the set and have the "C" batteries within the set itself.

A.: Have you done the following:—Connected all moving plates to earth, tried another detector valve, experimented with various voltages, tried another grid leak and condenser and potentiometer return?

DX15W (Shannon): We do not advise you to use the coupling proposed in your super. het. We shall be publishing shortly a fair amount on super-hets, and you will be able to get all the information you require from this. The value of the de-coupling resistance may be any-

thing from 500 to 15,000 ohms, but the higher the de-coupling resistance, the higher must be the voltage applied to the battery tapping to which it connects.

88 (Hawke's Bay): How many turns of 30 d.s.c. wire on a 2in. former would I need to match a .00025 tuning condenser and the .0002 differential reaction condenser?

A.: Secondary 90 turns, reaction 45 turns.

2. What is the correct value condenser to use in series with a .00025 to reduce its capacity to .0001?—A.: .00015.

3. I have a Crosley audio transformer. The ratio is not marked on it. Would it be suitable for the "Differential Two"?—Yes.

EKKO (P.N.): What causes the blue glow in a 247 pentode valve? This glow can be made to flicker by turning the volume control past a certain point.

A.: The valve is probably soft; that is, it contains a certain amount of air or gas which ironises under certain conditions, causing a blue glow.

2. When the second detector is touched a loud hum is caused.

A.: This is more or less normal and is due to a slightly microphonic valve.

BACKBLOCKS (Taranaki): Wet cells for "B" battery use was fully described in the 1930 "Radio Guide." The Daniell Cells for "A" batteries were described in the "R.R." of November 7, of which a few copies are still available. Daniell cells as "A" batteries are not expensive, but to be successful must be made up very carefully and attended to with assiduous care.

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"Radio Log," Oct. ("Radio Record"), 7d.
"Radio Retailing" (Oct.), 1/10.
"Rider's Perpetual Trouble Shooter's Manual, 1931," 32/6. No dealer should miss it.

"World Radio Station Identification Panels," 1/7.
"Radio Amateur Call Book," Sept., 1931, 5/3.

"Radio Record" Questions and Answers," 1/8.

"Radio Review of Aust.," 1/1.
"Technical Instruction for Wireless Telegraphists" (Dowsett). Revised up to date. 31/-.

Ralph Stranger's Wireless Library. Latest additions:—"Amplification of Wireless Signals," "By-products of Wireless," "Re-production of Wireless Signals," "Wireless Measuring Instruments," etc., 1/7 each.

Special Short-Wave issue ("Popular Hobbies") (Complete list S.W. stations New time conversion chart. Three special S.W. sets). 7d.—Rush it!
"Elementary Principles of Wireless Telegraphy and Telephony," by Bangay Revised edition by O. F. Brown, M.A. B.Sc., 13/2.

"Morse Made Easy," 7d.
"Radio Engineering Principles," by Lauer and Brown, 19/6.

"Perry Auto-Time Morse System," 10d.

"Practical Radio Telegraphy," by Nilson and Hornung, 18/6.

"Radio Receiving Tubes," by Moyer and Westrel, 14/6.

"How to Understand Wireless Diagrams," 1/7.

"Television," 1/7.

"How to Electrify Your Radio Set" (U.S.A.), 1/9.

"Batteries and Accumulators," 1/7.

"Practical Radio Construction and Repairing," by Moyer and Westrel, 15/6.

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," 1/8 each.

"Scott's Radio Handbook," 6th edition 1/8.

"Q.S.T.," Sept.-Oct., 1/10 each.

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

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

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

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

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

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

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Nelson: Keith Walker, Baird's Buildings.
Timaru: J. H. Healey, Bookseller.

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The "Eagle Five" (Part II)

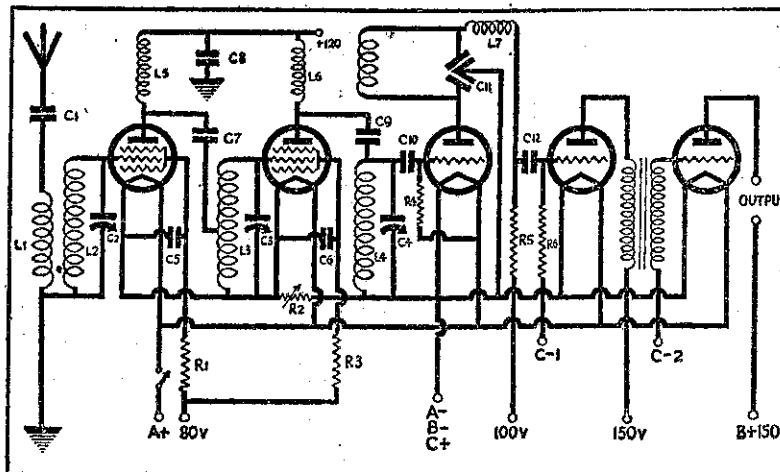
(By the Assistant Technical Editor.)



LAST week we concluded our description of this receiver at the point where all components, including coils, the two r.f. valves, and the vertical screen were mounted on the aluminium baseboard ready for wiring up. The panel components should also be mounted, but to facilitate wiring, the panel itself should not be screwed to the baseboard until absolutely necessary for connection purposes.

Before commencing wiring operations carefully check up by means of the two layout diagrams given this week, to ensure that both the above and below baseboard components are positioned correctly. The position of the under-baseboard components, relative to those above, should be carefully checked to ensure that the wiring running through the aluminium baseboard is kept as short as possible.

The following two small discrepancies between the photographs and the layout diagrams should be noted. In the latter a filament off-on switch and a series aerial condenser have been included. The latter was not built into the original model because in the experimental test to determine a suitable capacity, it was found more convenient to include the aerial condenser actually in the aerial lead. The value finally chosen as one giving good selectivity while not reducing strength on distant stations was of .0001 mfd. Any value up to .00025 or .0003 mfd., however, may be used if selectivity is not important. The off-on switch should be of the compact type illustrated, and because it is mounted on the aluminium baseboard, a switch in which the mounting is insulated from the internal portion should be chosen.



The Circuit Diagram of the "Eagle Five."

C1 = .0001 mfd.; C2, C3, C4 = .00035 mfd.; C5, C6, C8 = 1 mfd.; C7 = .00025 mfd.; C9 = .0001 mfd.; C10 = .0003 mfd.; C11 = .00027 mfd. diff. edser.; C12 = .1 mfd.; L1, L2, L3, L4 = tuning inductances described in text; L5, L6, L7 = r.f. chokes; R1, R3 = 1000 ohms; R2 = 30 ohms rheostat; R4 = 3 meg.; R5 = .1 meg.; R6 = .25 meg.

Glazite, or No. 22 bared copper wire covered with spaghetti, is most suitable for wiring the receiver. All wires should be run as directly as possible, and those leading to the under-baseboard components should be taken through small holes in the baseboard drilled in the most convenient positions.

As mentioned before, the leads from the two left-hand portions of the screen-grid valve holders should be of flex and enough wire should be used to allow these portions of the valve holders to be withdrawn about $\frac{1}{2}$ in. for

the insertion and withdrawal of the valves.

In the experimental model the series aerial condenser and the two coupling condensers in the plate leads of the screen-grid valves are of the new flat compact type, measuring only about 1 in. long x $\frac{1}{4}$ in. wide and 1-8 in. deep. Because of their small size, these are particularly suitable here, and their high break-down voltage ensures an ample margin of safety. Incidentally, in last week's instalment of the description of this receiver, the value of the second s.g.r.f. plate coupling con-

denser was wrongly given in the text as .001 mfd. The value of .0001 mfd. as given in the parts list, is correct, and this value, together with the .00025 mfd. used in the preceding stage, should be strictly adhered to.

A seven-wire battery cable will be needed. To save terminals and extra wiring, this is run through a $\frac{1}{2}$ in. hole in the back of the baseboard to the underneath portion of the set, and the various wires taken directly to their designated positions. All the above-baseboard components, with the exception of the two r.f. chokes, which are mounted by means of long screws passing through their centres, are attached to the baseboard by means of angle brackets. The mounting of the two decoupling resistances in this way is clearly shown.

The rheostat regulating the filaments of the two screen-grid valves is including in the — lead. This is so because the wire connecting the screen-grid valves with one side of the rheostat runs the whole length of the set, and in order to minimise the danger of undesirable coupling, it was made the negative lead, which is earthed through the other side of the rheostat.

The Screen as a Return.

A WORD of caution about using the screening as a convenient means of making earth returns. Though it is apparent that by such means the length of wiring is materially shortened, in practice it is often found that the indiscriminate use of screening for earth returns produces serious instability. However, there are one or two general rules which, if followed, will prevent such undesirable results.

First of all, the screening system may be safely used for the completion of the negative side of the filament cir-



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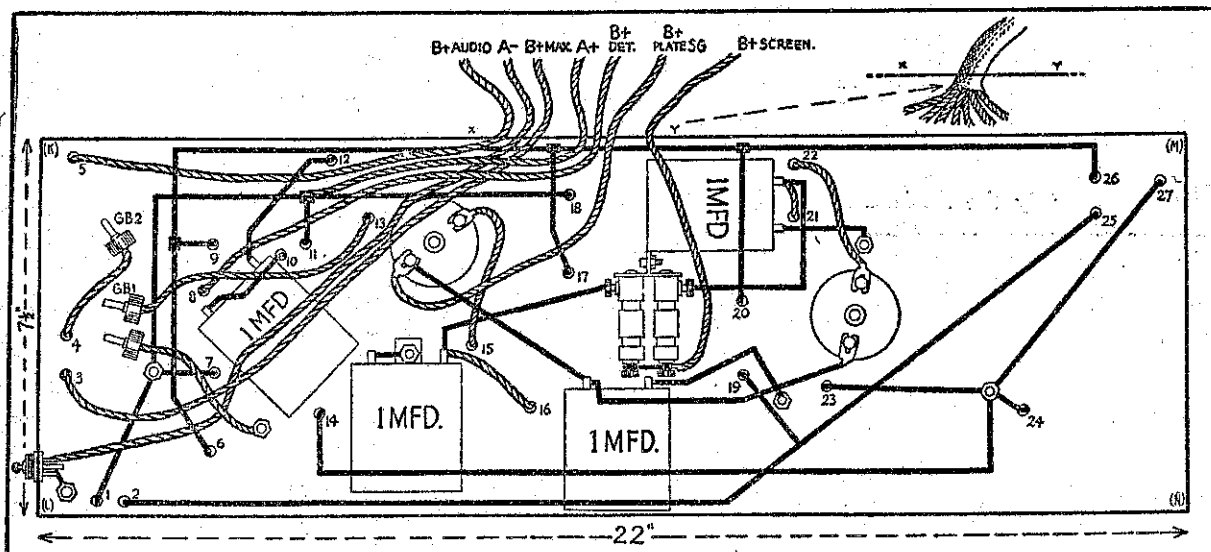
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The under-baseboard layout.

ult. As in the "Eagle Five," however, the negative side of the s.g. valve filaments are not earthed, except through the rheostat, it was not considered worth while to earth "F—" of the three remaining valves by means of direct connection to the screen. If, however, the constructor desires to do this, all that is necessary is to take wires from "F—" of the detector, 1st, and 2nd audio valve holders, to the bolts which hold the valve holders in place. The "F—" negative lead in the battery cable would then, of course, have to be connected to the screening by means of some convenient nut on the underside of the baseboard.

The question of the earthing of one side of the de-coupling condensers appears to be a question rather difficult to decide. In the case of the "Eagle Five" it has been found quite safe to run leads to the nearest points on the screening system, but in other receivers we have built it was found necessary from the point of view of stability to take the connections straight to the negative filament terminal of the valve concerned. It is undoubtedly in the tuned circuit, however, that it is most important to use discretion in employing screen returns. In general it is a wise rule not to use such returns at all, but it is often possible to use them

to some limited extent without resulting harm.

The Batteries.

A WORD about the "A," "B," and "C" batteries. The valves recommended for use in the detector and audio stages are:—Detector, an R.C.C. valve, type A630; 1st audio, a valve of the A609 type; and 2nd audio, a small power valve of type B609. The bias required for these valves is not more than 9 volts, so we have been able to mount the small bias battery under the baseboard. If valves taking a larger plate current than those mentioned are used, however, a larger bias battery,

to give correct bias values, should be used.

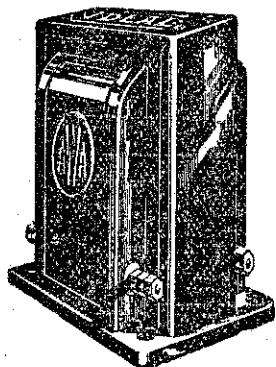
If possible a six volts accumulator of generous capacity should be used for the "A" supply. As an alternative, however, eight 1 1/2 volt dry cells connected in series-parallel will be found to give quite satisfactory results.

Regarding the "B" supply. Only heavy duty batteries should be used. Two 45-volts blocks will be found to give satisfactory results, but for best results at least three should be used. Of course, a suitable "B" eliminator is ideal.

Operating the Set.

WE will now assume that the wiring is completed and the set is ready for the initial try-out. First of all connect up the "A" battery only, turn on the filament switch, and rotate the rheostat. The screen-grid valve filaments should light up brightly, or glow a dull red according to the position of the rheostat. If this does not happen, then the mistake in the filament wiring should be immediately located and rectified before proceeding further. No glow will be seen from the last three valves, however, and their filament circuits should be tested in the manner outlined in the article on the "Night Owl Three," on page 29 of last week's issue.

If the constructor is doubtful of his wiring capabilities, both screen-grid valves should be removed while the "B" voltage is applied to the holders to determine whether it has accidentally been connected across the filament circuit or not. In any case, however, the circuit should be carefully re-checked before tests are carried out. Incidentally, if the speaker is not connected up, there will be no plate voltage on

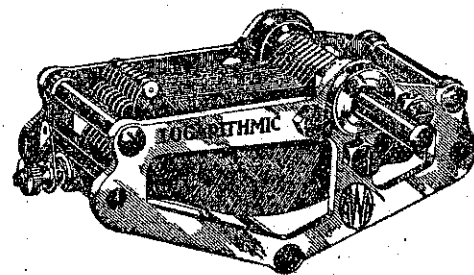


ALL BRITISH COMPONENTS For the "Eagle Five" Circuit

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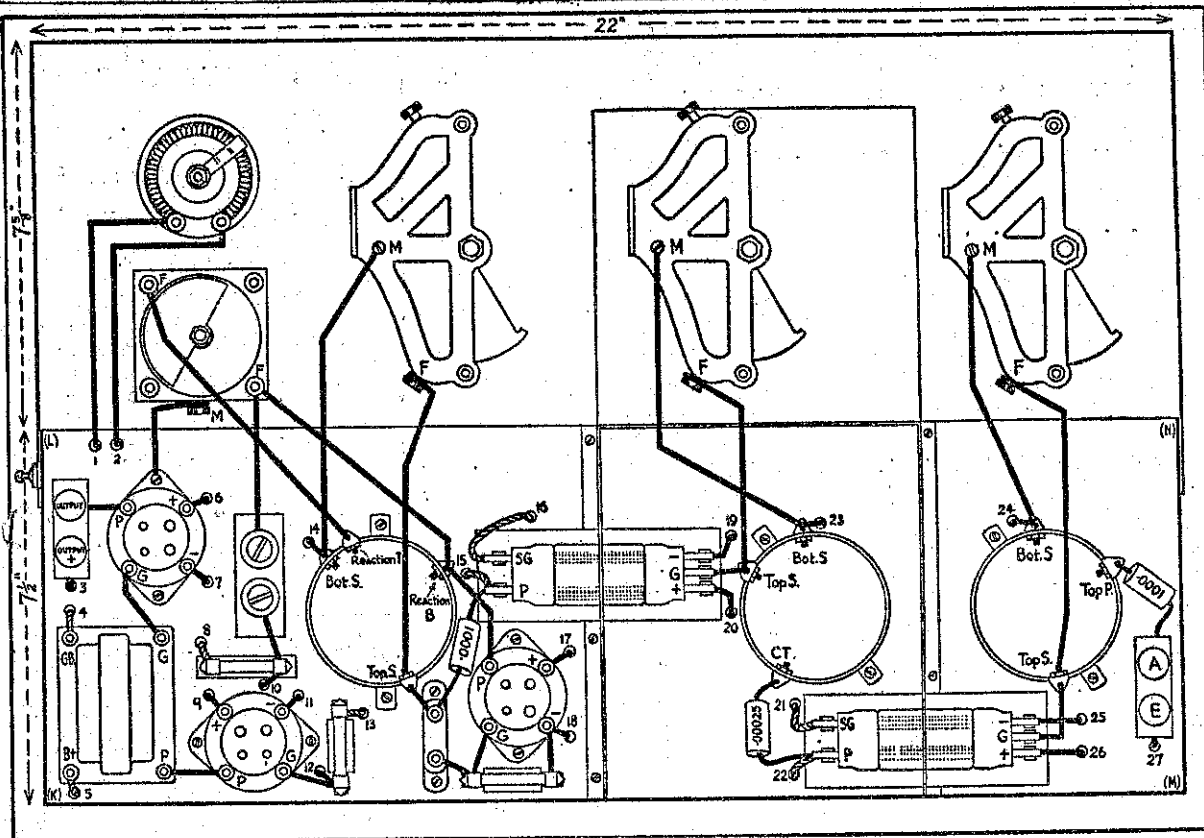
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The A.W.A. LOGARITHMIC CONDENSER

is manufactured in four capacities: .0005 mfd. (23 plates), .00035 mfd. (17 plates), .00025 mfd. (13 plates), .0001 mfd. (7 plates), and is so designed that it follows a true logarithmic scale throughout. They incorporate an absolute minimum of insulating material, and the metal frame has been reduced as far as practical, thereby ensuring low loss, especially on short waves.

They are designed on the centraline principle which, combined with their logarithmic (square law) characteristic, ensures selectivity in tuning. The hollow spindle makes provision for clockwise and anti-clockwise movement, together with gang operation if required. The entire Condenser is silver-plated, giving it a neat and attractive appearance.



The above-baseboard layout.

the last valve, and hence any wiring mistakes in this circuit will not be revealed in the preliminary tests.

Assuming everything is O.K., the constructor should insert all the valves and connect up the batteries. The aerial and earth are then connected to the set, and it is ready for operation. By the way, because resistance capacity coupling has been used, it will be found necessary to place at least 100 volts on the detector plate because of the large voltage drop across the resistance in the plate circuit of this valve.

The three tuning condenser dials should now be adjusted until they are

approximately in step, and the reaction condenser dial advanced until a hissing sound, or pop is heard. If you cannot obtain this, turn reaction full on and manipulate the tuning dials, listening all the while for the set to sound "alive." If this does not happen, reverse the connections of the reaction coil to the reaction condenser and try again.

If it does happen, the tuning dials should then be slowly rotated, keeping them in such a relation with one another that the "live" sound persists. A carrier wave should then be picked up, and by careful operation of reaction

and of the tuning dials the station should be brought in.

If the set cannot be made to oscillate, however, the following procedure should be adopted. First of all take the aerial to the terminal of the grid condenser farthest away from the grid-

leak, and turn out the filaments of the screen grid valves by means of the rheostat. The set is now functioning as a three-valve. Now touch the grid-leak with one finger. If a "squawk" is produced, the detector and audio systems have been moved up correctly. See also if the set will oscillate, or bring in any nearby station. If it will do neither there is a mistake in the wiring, and this should be rectified before proceeding further. If it does oscillate, take the aerial to the plate of the first screen-grid valve, and turn on the filaments. The set should still oscillate and signal strength should be greatly improved. If no improvement is noticed, however, or no signals are received, disconnect the first coupling condenser in the plate lead of the first r.f. valve and attach to it a six to seven-inch length of flex. The other end of this should be taken to the terminal on the grid condenser most remote from the detector valve, and the second coupling condenser running to the same terminal should be disconnected. The set is now still functioning as a four-valve receiver with one stage of s.g.r.f., but this time only the first s.g. valve is in operation.

If signal strength is greatly improved then there is some mistake in the wiring of the second s.g.r.f. valve, and this should be located and rectified. When first tuning the receiver it may be noted that the rotating of one of the condenser dials makes no difference to the strength of signals received. In this case there is a short between the fixed and moving vanes of the condenser in question. This is particularly likely to occur in the second tuning condenser, which is mounted through the vertical screening. If the shaft is not adequately insulated from the screen, the moving (Concluded on page 30.)

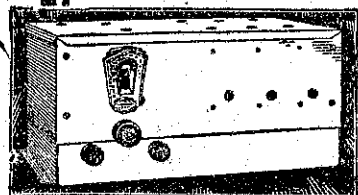
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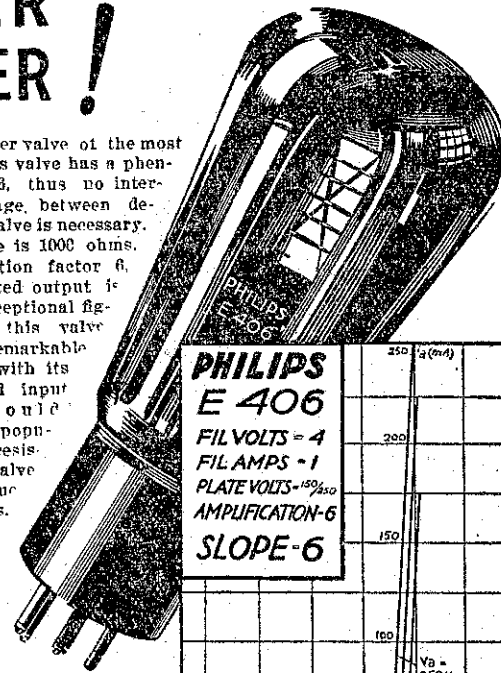


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FEATURE PEEPS

... at ...

FUTURE PROGRAMMES

SUNDAY From 1YA

AT 10.55 a.m. a service conducted in the Unitarian Church will be broadcast. At 7 p.m. the anniversary services of the Salvation Army Citadel will be on the air, the preacher being Ensign Thorne. The evening concert programme is being given by the Puccini Society, conducted by Signor A. T. Coasstantini. Listeners will remember that this society gave a performance some three or four months ago and many expressions of appreciation were received. This programme promises to eclipse the former, there being a greater variety of music to be given. Among the items on the programme will be a short oratorio, "Benedicamus Domine," composed by Laurence Perosi, conductor of the Sistine Choir. This work will be given by the Puccini Choir, accompanied by the Salon Orchestra.

At 2YA

THE evening service to be held in St. Gerard's Redemptorist Church will be relayed. The Royal Naval Volunteer Reserve Band will supply the main portion of the studio's after-church programme. John Bishop (pianist) will present two musical sketches, one entitled "Night Music," in which he will be assisted by Richard Maunier (tenor), and "Dancing Through the Ages," when Freda Meier (violiniste) will be associated with him.

Items from Christchurch

AT 3 o'clock, 3YA will relay, from the Civic Theatre, a lecture on Christian Science by Dr. Albert F.

Gilmore, C.S.B., of Boston, U.S.A. At 7 o'clock a Salvation Army service will be broadcast. The address will be given by Adjutant Radcliffe. A relay from 4YA will follow.

Dunedin Features

THE service conducted in First Presbyterian Church, Dunedin, by the Rev. W. Allan Stevely, M.A., will be broadcast. Dr. V. E. Galway will be at the organ.

The after-church studio programme will be provided by John Leech's Minnesingers and orchestra, featuring Woodforde-Finden's "A Pagoda of Flowers," a Burmese story in song.

MONDAY 1YA on the Air

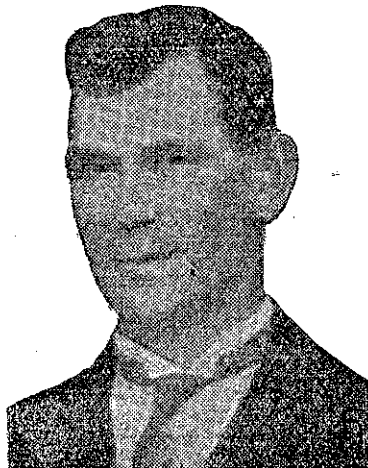
THE station will be on the air from noon to broadcast the results of the second day of the Takapuna Jockey Club's spring meeting.

2YA Selections

THIS being St. Andrew's Day, the "Musical Portrait" will be of Scottish music. Amy Woodward will sing "Twas Within a Mile of Edinburgh Town" and "Comin' Thru' the Rye." Mrs. Wilfred Andrews will sing "Castles in the Air" and "Angus McDonald." Gordon Short will play "Coronach," and there will also be a few minutes talk in Gaelic by a representative of the Caledonian Society. The Orchestra will play "Reminiscences of Scotland," and all will join in singing "Auld Lang Syne."

Another feature of the evening's programme will be the singing of three

of Brahms's beautiful "Songs of Love" waltzes by a quartet composed of Amy Woodward, Wilfred Andrews, Ray Trewern, and Keith Grant. This combination will also sing the famous "Rigoletto Quartette." Amy Woodward and Keith Grant will sing "Vision Fugitive," from Massenet's opera, "Herodias," while Ray Trewern will be heard



TOM COOPER (Bass).

A well-known New Zealand bass in the person of Tom Cooper will sing from 2YA in the near future. Mr. Cooper, who in the earlier days of broadcasting in New Zealand was very well known as a regular performer from 4YA, has recently returned to the microphone world to broadcast from 1YA, in which city he is now resident. Taking advantage of a trip to the south, he has broadcast from Christchurch and will broadcast from Wellington.

Mr. Cooper has a rich, true bass voice, which broadcasts excellently. Listeners should make a point of tuning to 2YA on December 1, when they will be hearing one of the Dominion's best voices. His selections are "The Floral Dance," "The Darg," and "Asleep in the Deep" (one of his favourite numbers).

in "Absent" and two operative numbers.

Christchurch Topics

THE W.E.A. lecturer will be Mr. Robert M. Laing, M.A., B.Sc., speaking on "Present Dangers to European Peace."

Featurettes

Scottish Music

2YA and 3YA, Monday.

"The Impostor"

2YA, Tuesday.

Election Results

All Stations, Wednesday.

"Could We But See"

2YA, Thursday.

"The Signal"

1YA, Friday.

Veterans' Concert

3YA, Friday.

CELEBRATING St. Andrew's Day, a Scottish concert will be broadcast. The old familiar songs so dear to Scottish hearts will be sung and the old tunes played. A Highland piper, Pipe-Major J. A. Paterson, will contribute to the melody of the evening. An instrumental programme will be provided by the Christchurch Broadcasting Trio and the New Brighton Municipal Band.

Dunedin Features

AT 7.40, Mr. D. Tammock, Superintendent of Reserves, will give a talk entitled "Observations on the Climatic Conditions of Dunedin." The subject of the lecture on the evening's programme will be "Education and the Saving Forces of Civilisation," the speaker being Dr. Alexander Salmond, M.A., Ross Fellow, Knox College.

TUESDAY

Jottings from Auckland

AT 7.30 p.m. the Rev. W. G. Monckton, M.A., will speak from 1YA under the auspices of the W.E.A., his subject being "Some International Problems—Russia, Part 1." The speaker on the International Programme will be Mr. A. B. Chappell, M.A., who will take for his subject "The Press and the World."

2YA Notes

THE 2YA Salon Orchestra will supply the instrumental portion of the evening's popular programme. Tom Cooper (bass), an Auckland, and a newcomer to 2YA, should prove an acquisition. He will sing "The Floral Dance," "The Dawg," and "Asleep 'Neath the Dark Blue Wave." Florence Penney will again delight listeners in songs at the piano.

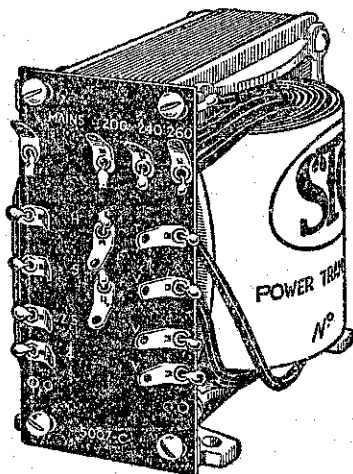
A feature of the programme will be a one-act play, "The Impostor" (by Scott), produced by Victor S. Lloyd. The play should create more than passing interest. It has a New Zealand setting, and was one of the prize-winners during the recent

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"Radio Record" Play Writing Competition.

Comments from 4YA

A "A DULT Education per medium of the Wireless" will be the W.E.A. talk by Mr. Lloyd Ross.

A relay of concerts to be given by the Dunedin Philharmonic Society under Signor Squarise will take place.

WEDNESDAY

All stations will be broadcasting election results to-night.

THURSDAY

The home science talk from 1YA, 2YA and 3YA, prepared by the Home Science Extension Department of Otago University, will be about "That Picnic Hamper."

From Auckland

AT 12.15 p.m. the midday service in St. Matthew's Church, Auckland, will be relayed by 1YA. At 7.40 p.m. Mr. E. H. Nepia, under the auspices of the Akaara Maori Association, will give a talk on "Maori Pronunciation." At 8 o'clock there will be a relay from the Lewis Eady Hall of a concert by the Aeolian Orchestra, under the conductorship of Mr. Gerald T. Lee.

2YA Notes

AT 7.40 p.m. the Rev. Wm. Constable, of Auckland, will be heard in a lecture entitled "The Drama."

A feature of 2YA's programme will be a one-act play entitled "Could We But See," by A. De Main Grange, and produced by Mr. Clement May. The period is Louis XIV.

Christchurch Notes

THE lecturer on the International Programme will be Mr. G. M. Keys, M.A., speaking on "Vocational Guidance—An International Problem." Mr. Keys is Vocational Instructor at the Christchurch Technical College and Y.M.C.A., and is an authority on the subject.

Items from Dunedin

A CONCERT by the Dunedin Orchestra Society will be broadcast on relay from His Majesty's Theatre.

FRIDAY

Auckland Features

THE concert programme will consist in the main of instrumental items to be given by Bert Kingsland's Two-in-One Band, which has already proved

This Week

Two Winning Plays

In

"Radio Record"—
"Exporter"

Play Competition
will be broadcast.

"THE IMPOSTOR"
(Scott)

Produced by Victor
Lloyd from 2YA,
Tuesday,

and

"THE SIGNAL"
(Scott)

Produced from 1YA
by J. F. Montague

very popular with listeners. Among other items will be "White Hearts are Singing," "Indian Love Lyrics," and "Savoy English." Cyril Towsey, studio pianist, will be heard in a piano-forte solo and Tom Moffitt will sing several ballads.

The Auckland Dramatic Students will present a one-act play entitled "The Signal," which was awarded first prize in the competition conducted by the "Radio Record." Later in the evening, the Comedy Students will present a one-act comedy, "It's Not My Baby."

Notes from 2YA

A MISCELLANEOUS programme will be broadcast, the orchestra supplying the incidental music. Gwladys Edwardes (soprano) will sing four songs with orchestral accompaniment, "Still as the Night," "The Star," "When the House is Asleep," and the "Cradle Song." Len Ashton will amuse listeners with "The Musical Barber," "Song of the Vulgar Dustman," and "In My Bell-bottomed Trousers." Mildred Kenny's Guitar Trio will be heard in snappy up-to-date melodies.

Selections from Christchurch

A "Veterans' Concert" will be broadcast. The clock will be put back to the 'thirties, and a "musical evening" will be given to which will contribute Christchurch artists who were leading local performers in the period of 1895-8.

Needless to say, the items to be given will be numbers which were popular in those days. There will be a host for the evening, and in the drawingroom conversation, music and musicians of the time will be discussed. Mr. Selwyn Bruce will tell some of his reminiscences of old Christchurch.

The performers for the evening will include a vocal trio (Mesdames H. L. Bowker, W. F. Tait, and E. W. Pigeon), and instrumental trio (Mrs. Roy Twynham, Mr. H. H. Loughnan, and Mrs. John Russell), Mr. Peter Hockley (baritone), Mr. W. J. Trewern (tenor), Mrs. F. Wilding (pianiste), Dr. T. L. Crooke (pianiste), and Peter Bryson's Old Time Dance Band.

Jottings from 4YA

THE programme will be of a miscellaneous nature, featuring choruses by The Majors and Signora A. Martini-Reggiardo's Sextette.

SATURDAY

1YA Features

TWO new artists appear to-night—Mrs. J. S. Smith (soprano) and A.

E. Pearson (baritone). Both vocalists will render well-known ballads. Of particular interest will be a humorous piano interlude to be played by Dorothea Ryan and the Salon Orchestra, entitled "The Cat and the Mouse."

At 2YA

THERE will be a relay from the Concert Chamber of the Wellington Town Hall of a concert by the Wellington Apollo Singers, under the direction of H. Temple White. The programme will include numerous choral numbers, cello solos by George Ellwood, a pianoforte duet by Ernest Jenner and Wm. Billington, and vocal solos by Teresa McEnroe.

From 3YA

A COMMUNITY singing rally, to be held in the Civic Theatre, will be relayed.

From 4YA

THE programme to be provided by 4YA will be one of a varied nature, comprising xylophone, piano-accordion, and musical saw numbers, ventriloquall humour, vocal quartets, duets, solos, and selections by McCaw's Saxophone.

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Full Programmes for Next

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Sunday, November 29

1YA, AUCKLAND (875 KILOCYCLES)—SUNDAY, NOVEMBER 29.

- 10.55: Relay of service from the Unitarian Church. Preacher: The Rev. William Constable.
 3.0 : Relay of portion of organ recital from the Auckland Town Hall, and selected recordings.
 6.0 : Children's song service, conducted by Uncle Leo.
 7.0 : Relay of evening service from the Salvation Army Citadel. Preacher: Ensign Thorne.
 8.30: Concert by the Puccini Society (Conductor Signor Costantini), assisted by the Salon Orchestra.
 Orchestral—J. H. Squire's Celeste Octet, Introduction and Romance from "Mignon" (Thomas) (Col. 02749).
 Vocal Quartet—Misses D. Jenkins, E. Parkinson, Messrs. C. Johnson and Signor Costantini, "Bella Figlia D'Amore" (Verdi).
 Tenor—Mr. P. Drumm, "Ave Maria" (Luzzi).
 Choral—The Puccini Choir, Soloist—Miss E. Herbert (soprano), "Leonora's Prayer" (Verdi).
 Piano—Miss T. Pearson, "Rigoletto Paraphrase" (Liszt).
 Baritone—Mr. S. Yates, "Credo" (Verdi).
 Soprano—Mrs. Menzies, "By the Waters of the Minnetonka."
 Tenor—Mr. V. Mulgan, "I Heard You Singing" (Coates).
 Vocal duet—Miss R. Peterson and Mr. C. Louissou, "Hand Linked In Hand" (from "Don Giovanni") (Mozart).
 Trio—Miss H. Rosieur, Mr. T. Mitchell and Mr. A. Fisher "Grand Terzetto Finale" (Verdi).
 Cello—W. H. Squire, "Ave Verum" (Mozart, arr. Squire) (Col. 04283).
 Choral with organ and orchestra—Puccini Choir (Organist, Miss L. Rae; at the pianos, Misses Murphy and Pearson), "Benedicamus Domino" (Perosi).
 10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, NOVEMBER 29.

- 3.0 : Selected gramophone recordings.
 6.0 : Children's song service, conducted by Uncle George, and assisted by the children's choir from St. Aiden's Anglican Church.
 7.0 : Relay of Evening Service, from St. Gerard's Redemptorist Church, Hawker Street, Wellington.
 8.20 (approx.): Concert by the Royal Naval Volunteer Reserve Band (Conductor Mr. Harry Baker), assisted by Mr. John Bishop, piano; Mrs. Freida Meier, violin; Mr. Richard Maunder, tenor.
 Hymn—The Band, "Rutherford" (Etherington); march, "Newcastle" (Bulch); selection, "Memories of the Past" (Rimmer).
 "Night Music"—Mr. John Bishop (piano), Mr. Richard Maunder (tenor).
 Piano—"Summer's Eve" (Grieg).
 Tenor—(a) "Evening Song" (Blumenthal); (b) "Off in the Silly Night" (Folk song).
 Piano—"Moon-Night" (Schumann).
 Weather report and station notices.
 Waltz—The Band, "For Ever True" (Peconni).
 Cornet with band accompaniment—Mr. W. Bowman, "Jenny Jones."
 "Dancing Through the Ages"—Mr. John Bishop (piano); Mrs. Freida Meier (violin).
 Violin—(a) "Minuet" (Lully); (b) "Rigaudon" (Rameau).
 Piano—"German Dances" (Schubert); "Country Gardens."
 Violin—"Spanish Dance" (Sarasate).
 Piano—"Sequidilla" (Albeniz).
 Euphonium, with band accompaniment—Mr. W. Baker, "Simple Aven."
 Overture—The Band, "Golden Cross" (Greenwood).
 God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, NOVEMBER 29.

- 3.0 : Relay from the Civic Theatre of lecture on Christian Science by Dr. Albert F. Gilmor, C.S.B., of Boston, Mass.
 5.30: Children's song service by children of Salvation Army under Adjutante Radcliffe.
 6.15: Chimes.
 6.30: Selected recordings.
 7.0 : Relay of evening meeting from the Salvation Army Citadel, Victoria Square. Address by Adjutante Radcliffe.
 7.45: Selected recordings.
 8.15: Relay of programme from 4YA Dunedin.
 10.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, NOVEMBER 29.

- 3.0 : Selected recordings.
 5.30: Children's song service, conducted by Big Brother Bill.

- 6.15: Selected recordings.
 6.30: Relay of evening service from First Presbyterian Church, Dunedin. Preacher: Rev. W. Allan Stevely, M.A. Organist: Dr. V. E. Galway.
 7.45: Selected recordings.
 8.0 : Programme by Minnesingers Quartet and Orchestra (Conductor, Mr. John T. Leech).
 8.15: Fantasia—Marek Weber and His Orchestra, "From Mozart's Treasure Store" (Urbach) (H.M.V. C1900).
 8.23: Duet—Miss Anne White and Mr. John T. Leech, "Home To Our Mountains" (Verdi).
 Tenor—Mr. John T. Leech, with orchestral accompaniment, "Bonjour Perrot" (Lambert).
 8.30: Selection—The Orchestra, (a) "Anvil Chorus" (Verdi); (b) "La Serenata" (Braga).
 8.40: Soprano—Miss Anne White, "The Wind's In The South" (Spross).
 8.44: Selection—The Orchestra, "La Paloma" (Yradier).
 8.50: Duet—Mr. John T. Leech and Miss Anne White, "Love Divine All Love Excelling" (Stainer).
 8.55: Selection—The Orchestra, Waltz from "Faust" (Gounod).
 9.0 : Weather report and station notices.
 9.2 : Chorus with orchestra—Eveready Hour Group, (a) "Goin' Home" (arr. Fisher); (b) "Down South" (Myddleton) (Zono. MF8).
 9.10: Selection—The Orchestra, "Simple Aven" (Thomas).
 9.15: Baritone—Mr. W. Ruffell, "For The Green" (Lohr).
 9.18: Organ—Paul Mania, "Vision De Jeanne D'Arc" (Gounod).
 9.22: "Pagoda of Flowers" (Woodforde-Finden)—A Burmese story in song, presented by the Minnesingers Quartet and Orchestra. Miss Anne White, soprano; Miss Helen Roy, contralto; Mr. John T. Leech, tenor; Mr. William Ruffell, baritone.
 Descriptive opening chorus—"Shwe Dajon Pagoda."
 Trio and chorus—"Awgatha, Awgatha."
 Tenor—"Midst the Petals in Your Tresses."
 Soprano—"In My Lacquered Tray of Roses."
 Contralto—"The Star-Flowered Tree."
 Baritone—"God Keep My Thoughts."
 Contralto—"Pale Priest Beside The Shrine."
 Duet, contralto and baritone—"Ah, It Was There."
 Duet, contralto and baritone—"To Live, To Love."
 Chorus—"Shwe Dajon Pagoda."
 9.58: Selection—Philadelphia Symphony Orchestra, "Danse Orientale."
 10.1 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, NOVEMBER 29.

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

Monday, November 30

1YA, AUCKLAND (875 KILOCYCLES)—MONDAY, NOVEMBER 30.

- 12.0 : Relay of results of second day of the Takapuna Jockey Club's spring meeting.
 God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—MONDAY, NOVEMBER 30.

- 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 gramophone recordings.
 3.30 and 4.30: Sporting results.
 5.0 : Children's hour, conducted by Uncle Jeff.
 6.0 : Dinner music session (Polydor)—
 Symphony Orchestra, "Frederick" Medley (Lehar) (27070).
 Polydor String Orchestra, "In Indra's Land" (Lancke) (19677).
 State Opera Orchestra, Berlin, "La Dame Blanche" (Boieldieu).
 Symphony Orchestra, "Eva" Medley (Lehar) (27018).
 Paul Godwin's String Orchestra, "Lehariana" (arr. Geiger).
 State Opera Orchestra, Berlin, "German Dances" (Schubert) (66458).
 Paul Godwin's Orchestra, "Polpourri of German Folksongs."
 7.0 : News, reports and sports results.
 7.40: Lecturette, under auspices of New Zealand Institute of Opticians, "Popular Misconception."
 8.0 : Chimes. Overture—St. Louis Symphony Orchestra, "Fingal's Cave."
 8.9 : "Musical Portrait"—Scottish music.
 Soprano—Mrs. Amy Woodward, "Twas Within a Mile of Edinboro' Town" (Tradl).
 Piano—Mr. Gordon Short, "Coronach" (Barratt).

Week-all Stations-to Dec. 6

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Contralto—Mrs. Wilfred Andrews, with orchestral accompaniment, "Angus McDonald" (Roeckel).
Address in Gaelic.

Soprano—Mrs. Amy Woodward, "Comin' Thro' the Rye" (Trdtl.).

Contralto—Mrs. Wilfred Andrews, "Castles in the Air" (Ballantyne); "Auld Lang Syne."

8.35: Violin—Tosny Spiwakowsky, (a) "Tambourin" (Kreisler); (b) "Caprice XX" (Paganini-Kreisler) (Parlo, A4175).

8.48: Instrumental—2YA Orchestrina (Conductor, Signor A. P. Truda), "Reminiscences of Scotland" (Godfrey).

8.55: Baritone—Mr. Keith Grant, "Vision Fugitive" (Massenet).

9.0: Weather report and station notices.

9.2: Quartet—Mrs. Amy Woodward, Mrs. Wilfred Andrews, Messrs. Ray Trewern and Keith Grant, "Beautiful Daughter of the Graces."

9.7: Instrumental—2YA Orchestrina, (a) "Liebestraume" (Liszt); (b) "Little Lead Soldier" (Pierne).

9.15: Tenor—Mr. Ray Trewern, (a) "Strange Harmony of Contrasts" (Puccini); (b) "Absent" (Tirrendelli).

9.21: Duet and scena—Mrs. Amy Woodward and Mr. Keith Grant, "My Fate is in Thy Hands" (Leoncavallo).

9.28: Cello—W. H. Squire, (a) "Slumber Song" (Squire); (b) "Sicilienne."

9.36: Contralto—Mrs. Wilfred Andrews, (a) "Could I In Song Tell My Sorrow" (Malaskin); (b) "Trees" (Hahn).

9.42: Tenor—Mr. Ray Trewern, "Down Her Soft Cheek a Pearly Tear."

9.47: Quartet—Mrs. Amy Woodward, Mrs. Wilfred Andrews, Messrs. Ray Trewern and Keith Grant, (a) "Thou Damsel Young and Dainty"; (b) "When Thy Glimpse is Fond and Kind"; (c) "A Rosy Maid" (from "Songs of Love" Waltzes) (Brahms).

9.54: Instrumental—2YA Orchestrina, "Norwegian Dances" (Grieg).

10.0: Dance programme (Polydor)—

Foxtrots—Marimba Original Excelsior de Guatemala, "El Enganado" (Garcia) (21901). Ben Berlin's Dance Orchestra, "There's Only Room For One Love" (May) (23535). Paul Godwin's Dance Orchestra, "I'm Longing For Something" (Hollander) (23536).

10.9: Waltz—Ilja Livschakoff's Dance Orchestra, "Mother Needn't Know." Foxtrots—Ben Berlin's Dance Orchestra, "If I's and And's Were Pots and Pans" (Stolz) (23611). Ilja Livschakoff and His Dance Orchestra, "The Brave Little Tailor" (May) (22923).

10.18: Vocal—Clem Williams, "Old Fashioned Girl" (de Sylva).

10.21: Tangos—Ilja Livschakoff's Dance Orchestra, "Your Lips Were Mine in My Dreams" (Marbot) (23546). Ben Berlin's Dance Orchestra, "What's the Time?" (May) (23535). Paul Godwin's Dance Orchestra, "Pinky, My Best Friend is You" (Ortuso) (23653).

10.30: Waltz—Paul Godwin's Dance Orchestra, "That's You" (Molto) (23654). Foxtrots—"Mother Goose Parade" (Breau) (23327). Ilja Livschakoff's Dance Orchestra, "I Would I Could be Your Lover" (Dostal).

10.39: Vocal—Clem Williams and Des Tooley, "You Are the Melody."

10.42: Tangos—Ilja Livschakoff's Dance Orchestra, "My Heart is at Your Feet" (Schmidt) (23546). Paul Godwin's Dance Orchestra, "Don't Leave Me" (Hollander) (23536); "Parting" (Blech) (23653).

10.51: Foxtrots—Ilja Livschakoff's Dance Orchestra, "Don't Fear the First Kiss" (Stolz) (23701). Paul Godwin's Dance Orchestra, "Dancing Puppets" (Rust) (23327). Marimba Original Excelsior de Guatemala, "Aguilas Mexicanas" (Jose Escobar) (21901).

11.0: God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—MONDAY, NOVEMBER 30.

3.0: Gramophone recital.

4.30: Sports results.

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

6.0: Dinner music session (H.M.V.)—

San Francisco Symphony Orchestra, "Coppelia Ballet" Automaton Dance (Delibes) (D1272).

Victoria Orchestra, "La Serenata" Waltz (Metra) (Zono. EF32).

John Barbirolli's Chamber Orchestra, "A Little Night Music" Serenade.

International Concert Orchestra, "Danube Waves" Waltz (Ivanovici).

Marek Weber and His Orchestra, "La Tosca" Potpourri.

New Mayfair Orchestra, "Five O'Clock Girl" Selection (Kalmar).

San Francisco Symphony Orchestra, "Caprice Viennois" (Kreisler).

Victoria Orchestra, "Espanita" (Rosey) (Zono. EF32).

New Mayfair Orchestra, "Love Lies" Selection (Cl658).

International Concert Orchestra, "Over the Waves" (Rosas).

7.0: News and reports.

7.30: Workers' Educational Association session—Mr. Robert M. Laing, M.A., B.Sc., "Present Dangers to European Peace."

8.0: Chimes. St. Andrew's Day Programme.

March—New Brighton Municipal Band, "O.H.M.S." (Hume). One-

step, "I'm Happy When I'm Hiking" (Butler). Waltz, "When Your Hair Has Turned to Silver" (Tobias).

8.7: Baritone—Sir Harry Lauder, "The Kilty Lads" (Lauder).

8.10: Instrumental trio—Christchurch Broadcasting Trio, (a) "Afton Water" (Trdtl.); (b) "Gavotte" (Sinding); (c) "Flowers of the Forest."

8.17: Contralto—Miss Maggie Richardson, with Trio accompaniment, (a) "Callie Herrin" (Gow); (b) "My Ain Folk" (Lemon).

8.23: Highland pipes—Pipe-Major J. A. Patterson, (a) "The Campbells Are Coming" (Trdtl.); (b) "Lochiel's Welcome" (Ross); (c) "Athol Highlanders" (Ross).

8.28: Humour—Mr. H. Instone, "Scottish Patter" (arr. Instone).

8.33: One-step—Band, "The Piper's Wedding" (Thyne).

8.39: Bass—Mr. T. D. Williams, with Trio accompaniment, (a) "Border Ballad" (Trdtl.); (b) "The Bonnie Banks of Loch Lomond."

8.47: Instrumental octet—J. H. Squire's Celeste Octet, "Scottish Fantasia."

8.51: Vocal medley—Mixed Chorus, "Songs of Scotland" (H.M.V. EB23).

8.55: Foxtrots—Band, (a) "Jennie Lee"; (b) "You're Driving Me Crazy."

9.3: Weather forecast and station notices.

9.5: Overture—New Queen's Hall Light Orchestra, "The Little Minister."

9.13: Comic song—Harry Lauder, "It's Nicer to Be in Bed" (Lauder).

9.16: Instrumental trio—Christchurch Broadcasting Trio, (a) "Waltz" (from "The Sleeping Beauty") (Tchaikowsky); (b) "Ye Banks and Braes" (Trdtl.); (c) "Syncopation" (Kreisler).

9.25: Contralto—Miss Maggie Richardson, "Ilka Blade o' Grass" (Wilson).

9.28: Selection—Band, "Scotch Songs" (Greenwood).

9.37: Highland pipes—Pipe-Major J. A. Patterson, March, "Barren Rocks of Aden" (McKellar); Strathspey, "Maggie Cameron"; Reel, "Reel o' Tulloch" (Trdtl.).

9.42: Humour—Mr. H. Instone, "The Sporrán of Sandy McGlashan."

9.47: Novelty foxtrot—Band, "Maggie, Yes Ma!" (Tucker); Cornet polka, Band, "Cornet King" (Greenwood).

9.54: Bass—Mr. T. D. Williams, "Brian of Glenaar" (Graham).

9.57: Comic song—Harry Gordon, "The Village Editor" (Gordon).



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- 10.0 : March—Band, "Carry On" (O'Hagan).
 10.4 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—MONDAY, NOVEMBER 30.

- 3.0 : Selected recordings.
 4.30 : Sporting results.
 5.0 : Children's hour, conducted by Uncle Jack.
 6.0 : Dinner music session (Parlophone)—
 Karol Szeleter, 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 Dances Nos. 8 and 16" (Dvorak) (A4171).
 Dajos Bela Orchestra, "Gypsy Love" Waltz (Lehar) (A4080).
 Berlin State Opera Orchestra, "La Traviata" Prelude (Verdi) (A4146).
 Dajos Bela Orchestra, "Voices of Spring" (Strauss) (A4095).
 Sandor Joszi Orchestra, "An Eastern Wedding" (Prychistal) (A3027).
 7.0 : News and reports.
 7.40 : Talk—Mr. D. Tannock, Superintendent of Reserves, "Observations on the Climatic Conditions of Dunedin."
 8.0 : Chimes. Special Recorded International Programme.
 Dr. Eugene Ormandy and His Salon Orchestra.
 The Flying Song Squadron.
 The Irresistible Imps.
 Talk—Alexander Salmond, M.A., Ross Fellow, Knox College, Dunedin.
 "Education and the Saving Forces of Civilisation."
 Forget-me-Not.
 Popular Dance Tunes.
 God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—MONDAY, NOV. 30.

- 8.0 to 10.0 p.m.: Concert programme.

Tuesday, December 1

1YA, AUCKLAND (875 KILOCYCLES)—TUESDAY, DECEMBER 1.

- 3.0 : Chimes. Selected recordings.
 3.15 : Literary selection.
 4.30 : Sports results.
 5.0 : Children's hour, conducted by Uncle Dave.
 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.
 New Light Symphony Orchestra, "At Dawning" (Cadman) (B2629).
 Philadelphia Symphony Orchestra, "Samson and Delilah" Bacchanale.
 Salon Orchestra, "Aloha Sunset Land" (Kawelo) (B2581).
 Marimba Band, "Aguas Dormides" (Bolanos) (Zono. EE207).
 Organ—Edward O'Henry, "Dream Lover" (Schertzing) (B3428).
 De Groot's Piccadilly Orchestra, "None But the Weary Heart."
 7.0 : News and market reports.
 7.30 : W.E.A. session—The Rev. W. G. Monckton, M.A., "Some International Problems—Russia, Part 1."
 8.0 : Specially Recorded International Programme.
 Dr. Eugene Ormandy and His Salon Orchestra.
 The Flying Song Squadron.
 Forget-me-Not.
 Weather report.
 International talk—Mr. A. B. Chappell, M.A., "The Press and the World."
 The Irresistible Imps.
 Whispers.
 God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—TUESDAY, DECEMBER 1.

- 10.0 : Chimes. Selected gramophone recordings.
 11.12 : Lecture—"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 Jumbo.
 6.0 : Dinner music session (H.M.V.)—
 New Mayfair Orchestra, "Lilac Time" (Schubert, arr Clutsam).

- New Symphony Orchestra, "Nell Gwynn Dance No. 3" (German).
 New Symphony Orchestra, "Scenes de Ballet, Op. 52" (Glazounoff)—
 (1) Preamble; No. 4, Scherzino; (2) Marionettes; No. 6, Danse Orientale; (3) Mazurka; (5) Pas de Action; (7) Valse; (8) Polonaise (C1752-3-4).

- Zonophone Salon Orchestra, "Eleanor" (Deppen) (Zono. 5574).
 De Groot and Piccadilly Orchestra, "Waldteufel Memories" (B3084).
 Royal Opera Orchestra, "Carmen" Ballet No. 2 (Bizet) (C1424).
 New Light Symphony Orchestra, "Minuet" (Boccherini) (B3036).
 Zonophone Salon Orchestra, "Evensong" (Easthope Martin) (Zono.).
 Royal Opera Orchestra, "Carmen—Entr'acte and Ballet No. 1" (Bizet).
 7.0 : News, reports and sports results.
 7.40 : Lecture by a representative of the Agricultural Department, "For the Man on the Land."
 8.0 : Chimes. Overture—La Scala Orchestra, "The Daughter of the Regiment" (Donizetti) (H.M.V. C1654).
 8.8 : Bass—Mr. Tom Cooper, (a) "The Floral Dance" (Moss); (b) "The Dawg" (Sanderson).
 8.14 : Instrumental—2YA Salon Orchestra (Conductor, Mr. M. T. Dixon), "Woodland Pictures" (Fletcher).
 8.24 : Songs at the piano—Miss Florence Penney, (a) "The Lilac Tree" (Gartlan); (b) "Stay in Your Own Back-yard" (Udall).
 8.30 : Saxophone—Rudy Wiedoft, (a) "Valse Mazanetta" (Wiedoft); (b) "Minuet" (Beethoven-Wiedoft) (Col. 01176).
 8.36 : Bass—Mr. Tom Cooper, "Asleep Neath the Dark Blue Wave" (Leigh).
 8.40 : Instrumental—2YA Salon Orchestra, (a) "Viennese Melody"; (b) "Liebesfreud" (Kreisler); (c) "Amourette" (Klenner).
 8.52 : Male chorus—Old Soldiers' Chorus, "Old Contemptibles—War Songs Medley" (Reg. G30058).
 9.0 : Weather report and station notices.
 9.2 : Songs at the piano—Miss Florence Penney, (a) "Bless You!" (Novello); (b) "Little Bit o' Honey" (Jacobs Bond); (c) "April Fool."
 9.8 : Instrumental—2YA Salon Orchestra, "The Silent Mere" (Lind).
 9.18 : One-act play (produced by Mr. Victor S. Lloyd), "The Impostor" (Scott). Cast—Mrs. Ashmead, Miss Susie Painter; Marion Norwood, Miss Marjorie Murray; Mrs. Morton, Miss Elsie Lloyd; Beryl Morton, Miss Marjorie Couchman; Nora Bennett and Sally, a maid.
 Scene—Drawing-room in Mrs. Ashmead's suburban house. Time—Summer.
 9.48 : Instrumental—2YA Salon Orchestra, "Scenes from an Imaginary Ballet" (Coleridge-Taylor).
 10.0 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, DECEMBER 1.

SILENT DAY.

4YA, DUNEDIN (650 KILOCYCLES)—TUESDAY, DECEMBER 1.

- 3.0 : Selected recordings.
 4.30 : Sporting results.
 5.0 : Children's hour, conducted by Aunt Leonore.
 6.0 : Dinner music session (Columbia)—
 Columbia Symphony Orchestra, "March of the Bojaren" (Halvorsen).
 Debroy Somers Band, "The Desert Song" (Romberg) (02700).
 J. H. Squire's Celeste Octet, "Memories of Devon" (Evans) (DO254).
 New Queen's Hall Light Orchestra, "Summer Days Suite" (Coates):
 (a) In a Country Lane; (b) On the Edge of the Lake; (c) At the Dance (02590/1).
 H.M. Grenadier Guards Band, "New Sullivan" Selection (arr. Godfrey).
 Zurich Tonhalle Orchestra, "Andante" (Mozart) (02978).
 Johann Strauss and His Orchestra, "Voices of Spring" (Strauss).
 Columbia Symphony Orchestra, "Bridal Procession" (Grieg) (02622).
 J. H. Squire's Celeste Octet, "Collette" (Fraser-Simson) (DO254).
 Zurich Tonhalle Orchestra, "Gavotte from Idomeneo" (Mozart).
 New Queen's Hall Light Orchestra, "Wood Nymphs" (Coates) (02591).
 Johann Strauss and His Orchestra, "Radetzky March" (Strauss).
 7.0 : News and reports.
 7.40 : Talk, under auspices of the W.E.A.—Mr. Lloyd Ross, "Adult Education per Medium of the Wireless."
 8.0 : Chimes. Relay from Concert Chamber of Dunedin Town Hall, of concert by Dunedin Philharmonic Society and assisting artistes. Conductor: Signor Squarise.
 March—"The London Scottish" (Haines); Overture, "Overture Di Ballo" (Sullivan).
 Intermezzo—"L'Amico Fritz" (Mascagni); "Three Dances from Nell Gwynn" (German).
 Symphony—"Eroica" (Beethoven).
 Fantasia—"Funeral March of a Marionette" (Gounod); "Prelude." God save the King.

Wednesday, December 2

1YA, AUCKLAND (875 KILOCYCLES)—WEDNESDAY, DECEMBER 2.

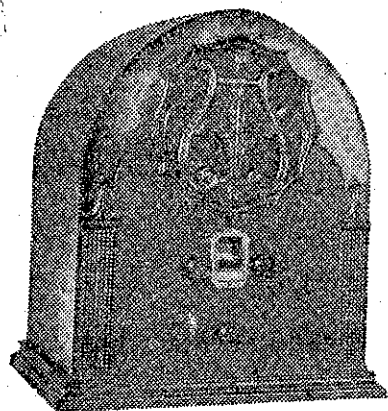
- 3.0 : Chimes. Selected recordings.
 3.15 : Literary selection.
 4.30 : Sports results.
 5.0 : Children's hour, conducted by Uncle Reg.

- 6.0 : Dinner music session (Polydor)—
 Paul Godwin's Orchestra, "Egyptian March" (Strauss) (19047).
 Great Symphony Orchestra, "The Gipsy Princess" (Kalman) (27172).
 Paul Godwin's Quartet, "Un Pen d'Amour" (Silesu) (21703).
 Paul Godwin's Orchestra, "Lake of Como" (Galos) (27006).
 Paul Godwin's Quintet, "Vision" (Drdla) (19533); "Types Tziganes."
 State Opera Orchestra, Berlin, "Orpheus and Eurydice" Ballet Music
 (Gluck) (66456-7).
 Paul Godwin's Orchestra, "First Love" (Michiels) (27008).
 Paul Godwin's Quartet, "Serenata d'Amalfi" (Beccs) (21703);
 "Spring's Awakening" (Bach) (19047).
 Paul Godwin's Quintet, "Chant d'Amour" (Drdla) (19533); "Serenata."
 7.0 : News and reports.
 8.0 : Chimes. Results of General Election.
 God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—WEDNESDAY, DECEMBER 2.

- 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 (Polydor)—
 Paul Godwin's Orchestra, "The Circus Princess" (Kalman) (19640).
 Efim Schachmeister's Dance Orchestra, "At the Fireside" (21181);
 "Gipsy's Farewell" (trdtl.) (20455).
 Paul Godwin's Orchestra, "Evening Chimes" (Marzian) (23168).
 Ilja Livschakoff and His Orchestra, "Aubade" (Livschakoff) (23048).
 Polydor Symphonic Orchestra, "Hear You Again" Medley (Weninger).
 Paul Godwin's Orchestra, "Oh, This Beautiful Springtime" (Lincke).
 Efim Schachmeister's Orchestra, "White Acacia" (trdtl.) (20455).
 Paul Godwin's Orchestra, "Short but Delicious" (Schreiner) (19576).
 Efim Schachmeister's Dance Orchestra, "Casanova, I Love You" Tango.
 Road to the Isles" (Kennedy Fraser).

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- Ilja Livschakoff and His Orchestra, "Little Serenata" (Grunfeld).
 6.53 : Paul Godwin's Orchestra, "Poppies" (Moret) (19661).
 7.0 : News, reports and sports results.
 8.0 : Chimes. Results of General Election.
 God save the King.

3YA, CHRISTCHURCH (930 KILOCYCLES)—WEDNESDAY, DEC. 2.

- 3.0 : Gramophone recital.
 4.30 : Sports results.
 5.0 : Children's hour.
 6.0 : Dinner music session (Columbia)—
 Columbia Symphony Orchestra, "March of the Toys" (Herbert) (02651)
 Court Symphony Orchestra, "Destiny Waltz" (Baynes) (584).
 New Queen's Hall Light Orchestra, "Petite Suite de Concert"—(a) Un
 Sonnet d'Amour; (b) La Tarantelle Fretillante (02539).
 Columbia Symphony Orchestra, "The Flatterer" (Chaminade) (01371).
 Halle Orchestra, "Rosamunde Ballet Music" (Schubert)—(a) Andan-
 tino; (b) Allegro Moderato and Andante (04200).
 J. H. Squire's Celeste Octet, "Memories of Mendelssohn" (02838).
 Berlin State Orchestra, "Wiener Blut" (Strauss) (04337).
 New Queen's Hall Light Orchestra, "Petite Suite de Concert"—(a)
 "La Caprice de Nanette"; (b) "Demande et Reponse" (02588).
 H.M. Grenadier Guards Band, "Martial Moments" (arr. Winter).
 7.0 : News and reports.
 8.0 : Chimes. Results of General Election.

4YA, DUNEDIN (650 KILOCYCLES)—WEDNESDAY, DECEMBER 2.

- 3.0 : Selected recordings.
 3.15 : Talk—"Home Renovations," by the Home Science Extension Depart-
 ment of Otago University.
 4.30 : Sporting results.
 5.0 : Children's hour, conducted by Big Brother Bill.
 6.0 : Dinner music session (Parlophone)—
 The Parlophone Salon Orchestra, "A Lover in Damascus" (A4205).
 Berlin State Opera Orchestra, "Slavonic Dances, Nos. 1 and 2."
 Edith Lorand's Orchestra, "Whispering of the Flowers" (Von Blon).
 H.M. Irish Guards Band, "The Desert Song" (Romberg) (A2433).
 Edith Lorand's Orchestra, "Hedgeroses" (Lehar) (A4206); "Johann
 Strauss Fantasia" (Strauss) (A4044).
 Barnabas von Geczy and His Orchestra, "The Student Prince" Fantasia
 Edith Lorand's Orchestra, "Winter Storms" Waltz (Fueck) (A4143);
 "O Maiden, My Maiden" (Lehar) (A4206).
 Grand Symphony Orchestra, "Dance of the Waves" (Catalani) (A4242)
 7.0 : News and reports.
 7.15 : Talk—Mr. I. W. McCaskill, "Review of New Zealand Journal of Agri-
 culture."
 8.0 : Chimes. Results of General Election.

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

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

Thursday, December 3

1YA, AUCKLAND (875 KILOCYCLES)—THURSDAY, DECEMBER 3.

- 12.15 : Selected recordings, followed by relay of mid-day service from St.
 Matthew's Church.
 3.0 : Chimes. Selected recordings.
 3.15 : Talk—"That Picnic Hamper." Talk prepared by the Home Science
 Extension Department of Otago University.
 4.30 : Sports results.
 5.0 : Children's hour, conducted by Skipper.
 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 Popu-
 lar Melodies (arr. Finck) (DOX45 and 59).
 Albert Sandler and His Orchestra, "Give Me Back My Heart."
 J. H. Squire's Celeste Octet, "Moment Musicale" (Schubert-Sear).
 Jean Lensen and His Orchestra, "Love's Last Day" (Benatsky).
 Cordoba Philharmonic Orchestra, "La Habanera" (Lucena) (DOX77).
 Organ—Quentin MacLean, "Little Dolly Daydream" (Stuart) (DO24).
 7.0 : News and market reports.
 7.40 : Talk—Mr. E. H. Nepia (under the auspices of the Akarana Maori
 Association), "Maori Pronunciation."
 8.0 : Chimes. Relay from the Lewis Bady Hall of a concert by the Aeolian
 Orchestra, under the conductorship of Mr. Gerald T. Lee.
 March—The Orchestra, "Connecticut" (Nassan); Overture, "Cosi Fan
 Tutte" (Mozart).
 Soprano—Miss Marjorie Fair, "Mother, You Know the Story" (from
 "Cavalleria Rusticana") (Mascagni).

- Selection—The Orchestra, "Sullivan's Operas" (arr. Godfrey).
 Baritone—Mr. Robert G. Simmers, "The Sea Gipsy" (Head).
 Symphony—The Orchestra, "Symphony in D" (Haydn).
 Choir with orchestra—Choir with Albert W. Ketelbey's Concert Orchestra, "Men of England" (Ketelbey) (Col. 05036).
 Selection—The Orchestra, "The Geisha" (Jones); waltz, Valse Theme from "Ballet Russe" (Luigini).
 Soprano—Miss Marjorie Fair, (a) "I Know How to Tie Ribbon Bows" (Old French); (b) "A Birthday" (Cowen).
 Carol transcription—The Orchestra, "The First Nowell" (arr. Howard Sealeby); Minuet, "Minuet from Serenade in E Flat" (Mozart).
 Baritone—Mr. Robert G. Simmers, (a) "Trade Winds" (Keel); (b) "When the King Goes Forth to War" (Koeneman).
 Sea Shanty—The Orchestra, "Shenandoah" (arr. Trevor Sparling); March, "Pomp and Circumstance" (Elgar).
 10.0 : Programme of dance music (Regal)—
 Foxtrots—The Midnight Revellers, "Funny Face" (Gershwin) (Reg. G20992). Hal Swain's Cafe Royal Band, "My One and Only" (Gershwin) (G21032). The Midnight Revellers, "He Loves and She Loves" (Gershwin) (G20992).
 10.9 : Waltz—Green's Marimba Band, "My Missouri Home" (Little).
 Foxtrots—Ben Selvin and His Orchestra, "Let's Drink a Drink to the Future" (Vallee) (G21126). The Midnight Revellers, "Good Friends" (Connolly) (G21085).
 10.18 : Vocal—Sweet and Low, "A Love Song of Old Valencia" (Wheller).
 10.21 : Foxtrots—Midnight Revellers, "I've Found What I Wanted in You" (Endor) (G21119). Tommy Christian and His Orchestra, "What Good Am I Without You" (Ager) (G20945). Ipana Troubadours, "Think a Little Kindly of Me" (Woods) (G21119).
 10.30 : Waltz—Green's Marimba Band, "Drifting on to Avalon" (Rich).
 Foxtrots—Hal Swain's Cafe Royal Band, "S Wonderful" (Gershwin) (G21032). Ben Selvin and His Orchestra, "Smile, Darn Ya, Smile" (O'Flynn) (G21040). Ted Wallace and His Campus Boys, "By a Lazy Country Lane" (Green) (G21066). Paul Specht and His Orchestra, "I Found a Million Dollar Baby" (Warren) (G21145). Ted Wallace and His Campus Boys, "Mary Jane" (G21066).
 10.48 : Vocal—Sweet and Low, "Lady of Spain" (Reaves) (G21140).
 10.51 : Foxtrots—The Midnight Minstrels, "The Three Musketeers"—Ma Belle (Grey) (G21046). The Knickerbockers, "Sing a Little Jingle" (Warren) (G21145). The Midnight Minstrels, "The Three Musketeers' March" (Wodehouse) (G21046).
 11.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—THURSDAY, DECEMBER 3.

- 10.0 : Chimes. Selected gramophone recordings.
 10.45 : Lecturette—"Cooking."
 11.37 : Lecturette, under the auspices of the Health Department, Mr. F. Gardiner, "New Ideas on Fresh Air."
 12.0 : Lunch hour music.
 2.0 : Selected recordings.
 3.15 : Lecturette—Miss I. F. Meadows, "That Picnic Hamper." 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.)—
 Berlin State Opera Orchestra, "The Beautiful Galathea" Overture.
 De Groot and His Piccadilly Orchestra, "Dear Love o' Mine" (Lewis).
 Marek Weber and His Orchestra, "Siren Magic" (Waldteufel) (B3527).
 New Symphony Orchestra, "Pastoral Dance" (from "Nell Gwynn").
 National Symphony Orchestra, "William Tell" Overture (Rossini).
 De Groot and His Piccadilly Orchestra, "Two Little Tired Hands."
 New Symphony Orchestra, "Country Dance" (from "Nell Gwynn").
 De Groot and His Orchestra, "Traume" (Wagner) (C1966).
 New Symphony Orchestra, "Le Cid" Ballet Music (Massenet): (1) Castillane; (2) Aubade; (3) Andalous; (4) Arragonaise; (5) Madrilene; (6) Navarraise (C1638/9).
 Marek Webber and His Orchestra, "My Dream" (Waldteufel).
 De Groot and His Orchestra, "Autumn" (Chaminade) (C1966).
 7.0 : News, reports and sports results.
 7.40 : Lecturette—Rev. Wm. Constable of Auckland, "The Drama."
 8.0 : Chimes. Overture—Concerts Colonne Orchestra, "España" (Chabrier).
 8.8 : Baritone—Mr. A. W. Beckford, (a) "The Ne'er Do Well" (Tate); (b) "Young Tom o' Devon" (Russell).
 8.14 : Selection—2YA Salon Orchestra (Conductor, Mr. M. T. Dixon), "My Son John" (Strauss).
 8.24 : Soprano—Mrs. Amy Dunn, (a) "Little Boy Blue" (Nevin); (b) "Twilight" (Glenn).
 8.30 : Organ—Leo Stin, (a) "Berceuse de Jocelyn" (Godard); (b) "Little Quinquin" (Dessousseaux) (Poly. 23167).
 8.36 : Baritone—Mr. A. W. Beckford, "A Request" (Woodforde-Finden).
 8.40 : Violin with orchestra—Mr. W. Haydock, "Czardas" (Monti).
 Saxophone with orchestra—Mr. S. Barratt, "I Hear You Calling Me."
 8.50 : Soprano—Mrs. Amy Dunn, (a) "Making It Up" (Hyden); (b) "The Flute Across the Lake" (Elliott).
 8.56 : Viola—Lionel Tertis, Serenade "Hassan" (Delibes) (Col. 04367).
 9.0 : Weather report and station notices.
 9.2 : Descriptive—2YA Salon Orchestra, (a) "La Paloma" (Yradier); (b) "Swing Song" (Barnes).
 9.12 : Play—"Could We But See" (The Story of a Better Moment) (Grange).
 Cast—Sir Richard Tressingham (the man), Mr. Clement May; Evelyn (his wife), Miss Dorothy Miller; Sir Richard Tressingham (the shadow), Mr. John Storr; Joyce (a butler), Mr. D. Cahill.

- The scene is laid in Sir Richard Tressingham's House in Westminster. Time, midnight. Period, Louis XIV.
 9.45 : Cornet—John Mackintosh, (a) "Facilita" (Hartman); (b) "Silver Shower" (Rimmer) (Reg. G20525).
 9.51 : Fantasia—2YA Salon Orchestra, "Greetings from the Old World" (Hoch); Latest Dance Novelties.
 10.0 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—THURSDAY, DEC. 3.

- 3.0 : Gramophone recital.
 3.15 : Lecturette—"That Picnic Hamper." Talk prepared by the Home Science Extension Service, Otago University.
 4.30 : Sports results.
 5.0 : Children's hour.
 6.0 : Dinner music session (Polydor)—
 Ilja Livschakoff's Orchestra, "The Land of Smiles" (Lehar) (27196).
 Paul Godwin's Orchestra, "Song of the Desert" (Delhaes) (22893).
 Paul Godwin's Trio, "For You" (Czibulka) (21341).
 Paul Godwin's Orchestra, "Hearts and Diamonds" (Marischka).
 Ilja Livschakoff and His Orchestra, "Estrellita" (Davis) (23047).
 Bereny's Hungarian Gypsy Symphony Orchestra, "Karpattia."
 Symphony Orchestra, "The Forester's Daughter" Medley (Jarno).
 Paul Godwin's Orchestra, "The Mask Seller" (Wolff) (22893).
 Paul Godwin's Trio, "Melodie" (Denza) (21341).
 Paul Godwin's Orchestra, "Polish Temper" (Nedbal) (19609).
 Ilja Livschakoff and His Orchestra, "Pas des Echarpes" (Chaminade).
 Bereny's Hungarian Gypsy Symphony Orchestra, "Improvisations on Hungarian Folksongs" (arr. Bereny) (23692).
 7.0 : News and reports.
 7.30 : Review of the Journal of Agriculture.
 8.0 : Specially recorded international programme—
 Vitaphone Orchestra.
 The Irresistible Imps.
 The Flying Song Squadron.
 Weather report and station notices.
 International talk—Mr. G. M. Keys, M.A., "Vocational Guidance—an International Problem."
 Forget-me-not.
 Whispers.
 God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, DECEMBER 3.

- 8.0 : Chimes. Relay from His Majesty's Theatre. Concert by Dunedin Orchestral Society and assisting artists. Conductor, Alfred Walmsley.
 Overture—"La Gazza Ladra" (Rossini).
 Selection—"Ein Kleine Nachtmusik" (Mozart).
 March—March from "Aida" (Verdi).
 Overture—"Tannhauser" (Wagner).
 Selections—(a) "In the Meadows" (from "Countryside Suite") (Coates); (b) "Children's Intermezzo" (from "Othello" Suite).
 Selection—"Cortege Polonaise" (Donneddu).
 10.0 : God save the King.

Friday, December 4

1YA, AUCKLAND (875 KILOCYCLES)—FRIDAY, DECEMBER 4.

- 3.0 : Chimes. Selected recordings.
 3.15 : Literary selection.
 5.0 : Children's hour, conducted by Nod and Aunt Jean.
 6.0 : Dinner music session (H.M.V.)—
 National Symphony Orchestra, "Irish Rhapsody" (Herbert) (Zono.).
 National Military Band, "Ballet Egyptian" (Luigini) (Zono. A354).
 Trio—Fritz and Hugo Kreisler, Michael Rauchsens, "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 (D1488).
 International Novelty Quartet, "The Veleta" (Morris) (Zono. 5587).
 New Light Symphony Orchestra, "Persiflage" (Francis) (B2754).
 Trio—Fritz and Hugo Kreisler, Michael Rauchsens, "Arienne 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) (Zono.).
 7.0 : News and market reports.
 7.40 : Sports talk.
 8.0 : Chimes. March—Bert Kingsland's Two-in-One Band, "American United" (Edwards); overture, "Western World" (Chenette).
 8.11 : One-act play—Auckland Dramatic Students, "The Signal" (Gordon).
 8.31 : Waltz—The Band, (a) "Passing of Salome" (Joyce); (b) "While Hearts are Singing" (Strauss).
 8.36 : Piano—Mr. Cyril Towsey, "Romance in E Major" (Rachmaninoff).
 8.42 : Tenor—Mr. Tom Moffitt, (a) "The World is Waiting for the Sunrise" (Seitz); (b) "In an Old-Fashioned Town" (Squire).
 8.48 : Organ—G. T. Pettman, "Liebestraum" (Faszt) (Col. 01003).

- 8.54: Intermezzo—The Band, "Indian Trail" (Lamatu); foxtrot, "The Follies" (England).
 9.0: Evening forecast and announcements.
 9.2: Operatic medley—Light Opera Company, "Lily of Killarney" (Benedict).
 9.10: Suite—The Band, "Indian Love Lyrics" (Woodforde-Finden); instrumental, "Humoreske" (Dvorak); false caprice, "Saxofriends."
 9.24: One-act comedy—Auckland Comedy Players, "It's Not My Baby."
 9.44: Instrumental quartet—Paul Godwin's Quartet, "Serenata Amorosa."
 9.47: Tenor—Mr. Tom Moffitt, (a) "My Girl and I"; (b) "The Little Girl from Hanley Way" (Clarke).
 9.53: Medley—The Band, "Savoy English" (arr. Somers); march, "Golden Spur" (Weber).
 10.1: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—FRIDAY, DECEMBER 4.

- 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 (Polydor)—
 State Opera Orchestra, Berlin-Charlottenberg, "La Gazza Ladra."
 Paul Godwin's Orchestra, "Love in Idleness" (Macbeth) (V40261);
 "The Count of Luxembourg" (Lehar) (19624).
 Paul Godwin's Orchestra with organ, "Invocation" (Ganne) (19978).
 Symphony Orchestra, "Il Guarany" Introduction (Gomez) (P60006).
 Ilja Livschakoff and His Orchestra, "Who Has Filled Our Heart With Love" (Lehar) (22855).
 Polydor Orchestra, "Berlin As It Laughs and Weeps" (Conradi).
 Paul Godwin's Orchestra with organ, "Adoration" (Fillipucci) (19978).
 Paul Godwin and His Orchestra, "Third Waltz Medley" (Robrecht) (27177); "Kismet" (Yamada) (V40261).
 Ilja Livschakoff and His Orchestra, "All My Heart Belongs to You."
 7.0: News, reports and sports results.
 7.40: Lecturette—Mr. R. C. Wilson, "Tennis—Volleying and Overhead Work".
 8.0: Chimes. Overture—2YA Orchestra (Conductor, Signor A. P. Truda), "Raymond" (Thomas).
 8.10: Baritone—Mr. R. G. Blow, (a) "Invictus" (Huhn); (b) "Requiem."
 8.16: Novelty—Mrs. Mildred Kenny's Guitar Trio, (a) "When You Wore a Gingham Gown" (Gilbert); (b) "The Broken Ring" (Gluck).
 8.24: Humour—Mr. Len Ashton, "The Musical Barber" (Weston and Lee).
 8.29: Selection—2YA Orchestra, "Queen High" (Gensler).
 8.39: Soprano—Miss Gwladys Edwardes, with orchestral accompaniment, (a) "Still as the Night" (Bohm); (b) "The Star" (Rodgers).
 8.45: Novelty—Mrs. Mildred Kenny's Guitar Trio, (a) "Lento" (Gluck); (b) "In a Window in a House in Caroline" (Motzan).
 8.53: Baritone—Mr. R. G. Blow, with orchestral accompaniment, (a) "A Castilian Lament" (Del Riego); (b) "Wait" (D'Hardelot).
 9.0: Weather report and station notices.
 9.2: Humour—Mr. Len Ashton, (a) "Song of the Vulgar Dustman"; (b) "In My Bell-Bottomed Trousers."
 9.8: Suite—2YA Orchestra, "In Arcady" (Nevin).
 9.17: Soprano—Miss Gwladys Edwardes, with orchestral accompaniment, (a) "When the House is Asleep" (Haigh); (b) "Cradle Song" (Jarnefeldt).
 9.23: Waltz—2YA Orchestra, "Spanish Waltz" (Waldteufel).
 9.30: Dance music 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—Jack Richards and His Miami Orchestra, "On the Winding Santa Fe" (Gilbert-Baer) (P12204); "Gazing at the Stars."
 9.45: Foxtrots—Sleepy Hall and His Collegians, "The Song of the Fool" (Lewis) (P12023); "How the Time Can Fly" (Donaldson).
 9.51: Vocal—Norman Allin, "Off to Philadelphia" (Temple) (Col. 01590).
 9.54: Foxtrots—Spec Mason's Orchestra, "Thank Your Father" (De Sylva) (Pana. P11988); Mark Fisher's Orchestra, "Three Little Words" (Kalmar) (P12002); The Captivators, "We're Friends Again."
 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 Kall, "When Your Hair Has Turned to Silver" (Tobias) (Parlo. A3210).
 10.21: Waltz—Mark Fisher and His Orchestra, "Mine Yesterday—His To-day" Will Osborne and His Orchestra, "Say a Little Prayer for Me" (Nichols) (P12118); "Heartaches" (Klenner) (P12077).
 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) (Pana. P12087); Sleepy Hall and His Collegians, "I Hate Myself" (Silver) (P12077).
 10.45: Vocal—Norman Allin, "A West Country Courting" (O'Reilly) (01590).
 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" (Cesar) (P12087); Spec Mason's Orchestra, "So Beats My Heart for You" (Henderson) (P11991).
 11.0: God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—FRIDAY, DECEMBER 4.

- 3.0: Gramophone recital.
 4.30: Sports results.
 5.0: Children's hour.
 6.0: Dinner music session (H.M.V.)—
 Coldstream Guards Band, "Pique Dame" Overture (Suppe) (C1594).
 Marek Weber and His Orchestra, "Faust" Selection (Gounod) (C1511).
 Organ—Edward O'Henry, "Ca C'est Madrid" (O'Henry) (B3094).
 Zonophone Salon Orchestra, "Love's Garden of Roses" (Zono. 5357).
 Virtuoso String Quartet, "Londonderry Air" (arr. Bridge) (C1470).
 Paul Whiteman and His Concert Orchestra, "Suite of Serenades" (Herbert)—(1) Spanish; (2) Chinese; (3) Cuban; (4) Oriental.
 Coldstream Guards Band, "Morning, Noon, and Night in Vienna."
 Ferd. Kauffmann and His Orchestra, "The Gipsy Baron" Selection.
 Symphony Orchestra, (a) "Waltz of the Hours"; (b) "Variations" from "Coppelia" (Deibes) (C1939).
 Organ—Edward O'Henry, "Chant Sans Paroles" (Tchaikowsky).
 Zonophone Salon Orchestra, "Mighty Lak' a Rose" (Nevin) (Zono.).
 Virtuoso String Quartet, "The Emperor Quartet" (Theme and Variations) (Haydn) (C1470).
 7.0: Dialogue talk—Messrs. D. Cossgrove and W. Melbourne, "Radio Service."
 7.45: Talk—Mr. G. Challis, "Anatomical Footwear."
 8.0: Chimes. "Putting the Clock Back"—Programme by Christchurch musicians of the 'nineties. A drawing-room gathering in the 'nineties.
 Overture—Jack Hylton and His Orchestra, "Melodious Memories."
 Baritone—Mr. Peter Hockley, (a) "The Scent of the Hay"; (b) "Bid Me to Love" (Bernard).
 Piano—Mrs. F. Wilding, (a) "Rosemunde and Fairy Frolic" (from "Where the Rainbow Ends"—Quilter); (b) "Study in G Minor."
 Vocal Trios—Messdames H. L. Bowker, W. F. Tait, E. W. Pigeon: (a) "Mayday Song" (Harvey); (b) "Evening" (Smart).
 Instrumental Trio (Violin, Mrs. Roy Twynham; cello, Mr. H. H. Loughnan; piano, Mrs. John Russell). Trio—"Andante Con Moto" from "Trio in D Minor" (Mendelssohn).
 Waltz—Peter Bryson's Old-time Dance Band, "Donau Wellen" (Ivanovic); schottische, "Lily of Laguna" (Leslie Stuart).
 Tenor—Mr. W. J. Trewern, "An Evening Song" (Blumenthal).
 Lancers—Bryson's Old-time Dance Band, "Tit Bits" (Coote).
 Weather forecast and station notices.
 Talk—Mr. Selwyn Bruce, "Reminiscences of Old Christchurch."
 Piano—Dr. T. L. Crooke, (a) "Deux Alouettes" (Breitkopf); (b) "Devotion" (Schumann).
 Baritone—Mr. Peter Hockley, "Love's Proving" (Lohr).
 Instrumental Trio—Mrs. Roy Twynham, Mr. H. H. Loughnan, Mrs. John Russell, "Andante Espressivo" from "Trio in C Minor" (Mendelssohn).
 Old-time Dances—Bryson's Dance Band: Valeta, "Valse Blue" (Margis); Barn Dance, "Darkie Melodies" (Bryson); "Hesitation Waltz".
 Vocal Trio—Messdames H. L. Bowker, W. F. Tait, E. W. Pigeon, (a) "A June Rose Bloomed"; (b) "How They So Softly Rest."
 Old-time Square Dances—Bryson's Dance Band, "Quadrilles" (Kaps).
 Tenor—Mr. W. J. Trewern, (a) "The Pilgrim of Love" (Bishop); (b) "A Farewell" (Liddle).
 Old-time Dances—Bryson's Dance Band, (a) "Circassian Circle"; (b) "Mazurka" (arr. J. S. Kerr); (c) Waltz, "Sobre Las Olas" (Rosas).
 10.8: God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—FRIDAY, DECEMBER 4.

- 10.0: Chimes. Selected gramophone recordings.
 11.12: Lecturette—"Fashions."
 12.0: Selected recordings.
 3.30 and 4.30: Sporting results.
 5.0: Children's hour, conducted by Uncle Jim.
 6.0: Dinner music session (Polydor)—
 Philharmonic Orchestra, Berlin, "Tannhauser" Grand March (Wagner) (27185); "Torch Dance in B Flat Major" (Meyerbeer) (27033).
 Paul Godwin's Orchestra, "Lilliputian's Wedding" (Translatour) (19660).
 Symphony Orchestra, "Frasquita" Medley (Lehar) (27025).
 Paul Godwin's Dance Orchestra, "Little Butterflies" (Steinke) (19660).
 Efim Schachmeister's Dance Orchestra, "Second Waltz Medley" (27018).
 Paul Godwin's Orchestra, "The Bird-Seller" (Zeller) (19288).
 Vienna Schrammel Quartet, "Some Day," from "Marietta" (Strauss).
 Great Symphony Orchestra, "Fortissimo" (Kalman) (27167).
 Paul Godwin's Jazz Symphonians, "Butterfly, Sweet Little Lady."
 7.0: News and reports.
 8.0: Chimes. Selection—Drury Lane Theatre Orchestra, "Rose Marie".
 8.9: Chorus—The Majors, "Flowers A-Blooming So Gay" (Stuart).
 8.14: Selections—Signora Reggiardo's Sextet, (a) "Through the Battle to Victory" (von Blon); (b) "Mercedes" (Trinkuws).
 8.24: Humour—Mr. James A. Paterson, "The Railway Guard" (Fyffe).
 8.28: Organ—Milton Charles, (a) "Love's Old Sweet Song" (Molloy); (b) "From the Land of Sky-Blue Water" (Cadman); (c) "At Dawning"

- 8.34: Soprano—Miss F. Elmes, "The Silver Star of Love" (Stuart).
Chorus—The Majors, "The Fellow Who Might" (Stuart).
8.41: Mouth Organ—Mr. E. Murphy, "Popular Selection" (Murphy).
8.45: Vocal Trio—The Majors, "When an Interfering Person Such as You."
Baritone—Mr. L. M. Cachemaille, "The Shade of the Palm" (Stuart).
8.52: Selection—The Sextet, "The Vagabond Lover" (Erml).
9.0 : Weather report and station notices.
9.2 : Balalaika—Grand Russian Balalaika Orchestra, "Russian Reminiscences" (Michailowsky) (Poly. 22839).
9.8 : Choruses—The Majors, (a) "Come, Lads and Lasses"; (b) "Tell Me, Pretty Maiden" (Stuart).
9.14: Selections—The Sextet, (a) "The Banner" (Von Blon); (b) "Carissima" (Penn).
9.22: Scots Humour—Mr. James A. Paterson, (a) "Ma Wee Lass" (Halstead); (b) "Charlie McNeil" (Lauder).
9.29: Marimba—Green Bros. Marimba Orchestra, (a) "A Bunch of Roses" (Chapl); (b) "Wedding of the Winds" (Hall) (Zono. EE203).
9.35: Contralto—Miss G. Burt, "Willie Was a Gay Boy" (Stuart).
Chorus—The Majors, "I Want to be a Military Man" (Stuart).
9.42: Mouth Organ—Mr. E. Murphy, "Popular Selection" (arr. Murphy).
9.48: Soprano and chorus—The Majors, "The Island of Love" (Caryll).
9.52: Selection—The Sextet, (a) "Flirtation" (Crescenzo); (b) "March, 'Carimen' (Bizet).
10.1 : God save the King.

Saturday, December 5

IYA, AUCKLAND (875 KILOCYCLES)—SATURDAY, DECEMBER 5.

- 3.0 : Chimes. Selected recordings.
3.15: Literary selection.
4.30: Sports results.
5.0 : Children's hour, conducted by Cinderella.
6.0 : Dinner music session (Columbia)—
Regal Cinema Orchestra, "Show of Shows" Selection (05086).
Band of H.M. Grenadier Guards, "La Benediction des Poignards."
Rio Novelty Orchestra, "Mientras Llora el Tango" (Barabine).
Orchestre Symphonique de Paris, "L'Arlesienne Suite" Adagietto.
Eastbourne Municipal Orchestra, "Tarantelle" (Saint-Saens) (05033).
London Theatre Orchestra, "A Country Girl Selection" (Monckton).
H.M. Air Force Band, "The Nightingale and the Frogs" (Ellenberg).
Organ—Stanley Macdonald, "The Rosary" (Nevin) (Reg. G20891).
J. H. Squire's Celeste Octet, "Valse Blue" (Margis) (3643).
Band of H.M. Grenadier Guards, "Lo! Here the Gentle Lark" (02931).
Rio Novelty Orchestra, "Spaventa" Tango (Pares) (DO159).
Orchestre Symphonique de Paris, "L'Arlesienne Suite"—Entr'acte; Le Carillon (Bizet) (01327).
Organ—Stanley Macdonald, "La Rosita" (Dupont) (Reg. G20891).
H. G. Amers and the Eastbourne Municipal Orchestra, "Second Serenata" (Toselli, arr. Geell) (05083).
H.M. Air Force Band, "The Parade of the Tin Soldiers" (Jessel).
J. H. Squire's Celeste Octet, "Amoureuse Valse" (Berger) (3643).
7.0 : News and market reports.
8.0 : Chimes. Overture—Salon Orchestra, under the direction of Mr. Harold Baxter, "Romantic" (Bela); overture, "Meditation" (Clifford).
8.11: Soprano—Mrs. J. S. Smith, (a) "Love Will Find a Way" (from "Maid of the Mountains") (Fraser-Simson); (b) "Waltz Song" (Caryll).
8.17: Humour—Mr. J. W. Bailey, "The Waxworks Watchman" (Wilecock).
8.22: Cornet—James Compton, (a) "An Emblem" (Thompson); (b) "Stars in a Velvety Sky" (Clarke) (Col. 01065).
8.28: Suite—The Salon Orchestra, "Carnival" (Ring).
8.38: Baritone—Mr. A. E. Pearson, (a) "Give a Man a Horse He Can Ride" (Coleridge-Taylor); (b) "Harlequin" (Sanderson).
8.44: Male chorus—The Jolly Old Fellows, "Ragtime Memories."
8.50: Selection—The Salon Orchestra, "The Dollar Princess" (Fall).
9.0 : Evening forecast and announcements.
9.2 : Humorous interlude—Miss Dorothea Ryan and Orchestra, "The Cat and the Mouse" (Englemann).
9.6 : Soprano—Mrs. J. S. Smith, (a) "The Magpie is a Gipsy Bird" (Lohr); (b) "Hatfield Bells" (Martin).
9.12: Serenade—The Salon Orchestra, (a) "Idilio" (Lake); (b) "Arabian Romance" (Mildenberg).
9.18: Humour—Mr. J. W. Bailey, "Babies" (Jerome).
9.24: Xylophone—Sam Herman, (a) "Mighty Lak a Rose" (Nevin); (b) "Al Fresco" (Herbert) (Zono. EE53).
9.32: Baritone—Mr. A. E. Pearson, (a) "Mate o' Mine" (Elliott); (b) "Song of the Rover" (Georges).
9.38: Male chorus—The Merrymakers, (a) "The Merrymakers in Spain"; (b) "The Merrymakers in Hawaii" (Haenschen) (Bruns. 20049).
9.44: Lyric poem—The Salon Orchestra, "La Navarraise" (Massenet); selection, "Empireland" (Stoddon).
10.0 : Programme of dance music (Polydor)—
Foxtrots—Ilja Livschakoff's Dance Orchestra, "Happy-Go-Lucky" (arr. Michaeloff) (23483); "The Day Will Come When Roses Are Aglow" (Stolz) (23743).
Waltzes—Paul Godwin's Dance Orchestra, "Darling, Your Mouth is Music to Me" (Hollander) (23728); Ilja Livschakoff's Dance Orchestra, "Times Will Change" (arr. Michaeloff) (23484).
10.12: Tangos—Juan Llossas and His Orchestra, "Twilight" (Bianco) (22984); "La Camparsita" (Rodriguez) (P40529); "Breezes from the Andes" (Porschmann) (22984).

- 10.21: Vocal—Layton and Johnstone, "One Night Alone With You."
10.24: Foxtrots—Ben Berlin's Dance Orchestra, "I Think of Mady" (Jurmanna) (23730); Ilja Livschakoff's Dance Orchestra, "My Dear Old Aunty" (Abraham) (23759).
Waltzes—Ilja Livschakoff's Dance Orchestra, "Sweet Are Your Looks Oh Peppina" (Stolz) (23743). Hawaiian Orchestra, "It Happened in Monterey" (Rose) (23726).
10.38: Tangos—Ben Berlin's Dance Orchestra, "You are Not the First One" (Jurmanna) (23730); Ilja Livschakoff's Dance Orchestra, "Beautiful World" (Lehar) (23729).
Foxtrot—Ilja Livschakoff's Dance Orchestra, "I am so Happy To-day."
10.45: Vocal—Layton and Johnstone, "Bye Bye Blues" (Hamm) (Col. DO286).
10.48: Foxtrots—Ilja Livschakoff's Dance Orchestra, "In a Little Bar" (Lehar) (23729); "On the Banks of the Stream" (arr. Benedict).
Waltz—"On the Shores of the Blue Sea" (arr. Benedict) (23484).
Foxtrot—Paul Godwin's Dance Orchestra, "Incidental Flirtation."
11.0 : Sports summary.
11.10: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SATURDAY, DECEMBER 5.

- 3.0 : Chimes. Selected gramophone recordings.
3.30 and 4.30: Sporting results.
5.0 : Children's hour, conducted by Aunt Molly.
6.0 : Dinner music session (Columbia)—
Herman Finck and His Orchestra, "Melodious Memories" (arr. Finck).
Jacques Jacobs' Ensemble, "Wiener Blut" (Strauss) (02556).
J. H. Squire's Celeste Octet, "Twilight on the Waters" (Squire).
Bohemian Orchestra, "Love and Life in Vienna" (Komzak, arr. Renard).
Regal Orchestra, "Pagliacci" Selection (Leoncavallo) (Reg. G30007).
Jacques Jacobs' Ensemble, "Sobre Las Olas" (Rosas) (02556).
J. H. Squire's Celeste Octet, "The Picaninies' Picnic" (Squire).
Court Symphony Orchestra, "The Windmill Man" (02909).
Plaza Theatre Orchestra, "The Three Bears" (Coates) (02744).
Herman Finck's Orchestra, "Schubertiana" (arr. Finck) (02721).
Bohemian Orchestra, "Destiny" Waltz (Baynes) (Reg. G20775).
7.0 : News, reports and sports results.
8.0 : Chimes. Relay from the Concert Chamber, Town Hall, of Concert by the Wellington Apollo Singers.
Choral—Apollo Singers, (a) "Awake! Awake!" (Morning Song) (Cadman, arr. Ross Hilton); (b) "My Bonny Lass She Smileth" (Morley, arr. Keighley); (c) "The Sword of Ferrara" (Bullard).
Soprano—Miss Teresa McEnroe, "The Jewel Song" (Gounod).
Choral—Apollo Singers, (a) "Summer Night" (Broeckx); (b) "Shenandoah" (Bartholomew).
Cello—Mr. George Ellwood, (a) "Minuetto" (Becker); (b) "Vito."
Choral—Apollo Singers, (a) "Yonder! Yonder!" Soloist, Miss Teresa McEnroe; (b) "Ring Out, Wild Bells" (Fletcher).
Weather report and station notices.
Choral—Apollo Singers, (a) "Follow the Glean" (Aylward, arr. Gaines); (b) "O Peaceful Night" (German).
Soprano—Miss Teresa McEnroe, (a) "At the Mid Hour of Night" (Cowen); (b) "Song of the Open" (La Forge).
Choral—Apollo Singers, "Pilgrims' Chorus" (from "Tannhauser").
Cello—Mr. George Ellwood, (a) "Abendlied" (Schumann); (b) "Guittarre" (Moskowski).
Choral—Apollo Singers, (a) "The Musical Trust" (Clokey); Piano Duet by Ernest Jenner and Wm. Billington; (b) "The Hunter in His Career" (Grainger).
10.0 (approx.): Dance programme from the studio (Columbia)—
Foxtrots—Billy Cotton and His Band, "I'm Crazy 'Bout My Baby" (Hill) (DO453); Jack Payne and His B.B.C. Dance Orchestra, "Fiesta" (Samuels) (DO463); Billy Cotton and His Band, "It Looks Like Love" (Freed) (DO450).
10.9 : Waltz—Jack Payne and His B.B.C. Dance Orchestra, "Indiana Sweetheart" (Hansen) (DO440).
Foxtrots—Billy Cotton and His Band, "Let's Get Friendly" (Yellen) (DO453); Debro Somers Band, "The Wedding of the Three Blind Mice" (Williams) (DO437).
10.18: Vocal—Layton and Johnstone, "I'll Keep You in My Heart Always."
10.21: Foxtrots—Jack Payne and His B.B.C. Dance Orchestra, "Building a Home for You" (Kahn) (DO463). Debro Somers Band, "A Clockwork Courtship" (Rayners) (DO437). Jack Payne and His B.B.C. Dance Orchestra, "I'm Happy When I'm Hiking" (Butler).
10.30: Waltz—The Four Bright Sparks, "Meet Me in My Dreams To-night."
Foxtrots—Jack Payne and His B.B.C. Dance Orchestra, "Pardon Me Pretty Baby" (Klages) (DO441); "One Little Raindrop."
10.39: Vocal—Layton and Johnstone, "Indiana Sweetheart" (Hansen).
10.42: Foxtrots—Jack Payne and His B.B.C. Dance Orchestra, "Oh, Rosalita" (Ege) (DO430); "Poor Kid" (Greer) (DO441); "Moonlight Saving Time" (Kahal) (DO443).
10.51: Waltz—Jack Payne and His B.B.C. Dance Orchestra, "Wabash Moon."
Foxtrots—Ray Starita and His Band, "It's You I Love" (Swanstrom) (DO179). Billy Cotton and His Band, "Were You Sincere."
11.0 : Sporting summary.
11.10: God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SATURDAY, DECEMBER 5.

- 3.0 : Gramophone recital.
4.30: Sports results.
5.0 : Children's hour.
6.0 : Dinner music session (Columbia)—
J. H. Squire's Celeste Octet, "The Fly's Courtship" (Squire) (DO308).

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, "Idillio" (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, "Golliwog'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 and reports.

8.0 : Chimes. Relay from the Civic Theatre of concluding sing. The singing will be led by Mr. Owen Pritchard, with whom will be associated others who have acted as song leaders during the season

10.0 : Dance music (Parlophone)—

Foxtrots—Cec. Morrison and His A.B.C. Dance Band, "Hello Beautiful" (Donaldson) (A3198); "She's a Gorgeous Thing" (Davis) (A3201); "There Goes a Horse" (Andrews) (A3193); Barnabas von Geczy and His Orchestra, "The White Horse Inn" (Benatzky) (A3206); Otto Fritz and His Orchestra, "Bitter Sweet" (Coward) (A3206); Otto Fritz and His Syncopators, "The Love Waltz" (Heymann) (A3231).

Foxtrot—Tampa Blue Orchestra, "One Little Raindrop" (Richmond).

10.21: Vocal—George Sorlie, "Pardon Me, Pretty Baby" (Klages) (A3230).

10.24: Waltz—Paul Abraham and His Orchestra, "Signora" (Abraham).

Foxtrots—The Versatile Four, "The Wedding in the Ark" (Butler) (A3197); Otto Fritz and His Syncopators, "You Too" (Stolz) (A3208); Arthur Roseberry and His Dance Band, "Tap Your Feet."

10.36: Tango—Barnabas von Geczy and His Orchestra, "Erica Don't You Want a Boy Friend?" (Meisel) (A3196).

Foxtrots—Barnabas von Geczy and His Orchestra, "Four Words" (Erwin) (A3206); Cec. Morrison and His A.B.C. Dance Band, "Sleepy Town Express" (Gillespie) (A3201); Otto Fritz and His Syncopators, "You're The One Girl For Me" (Heymann) (A3231).

10.48: Vocal—George Sorlie, "You'll Be Mine In Apple Blossom Time."

10.51: Waltzes—Barnabas von Geczy and His Orchestra, "My Song of Love" (Stolz) (A3198); Otto Fritz and His Syncopators, "Just Two Hearts and a Waltz Refrain" (Stolz) (A3208).

Foxtrot—Tampa Blue Orchestra, "There Ought To Be a Moonlight Saving Time" (Kahal) (A3209).

11.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, DECEMBER 5.

8.0 : Selected recordings.

4.30: Sporting results.

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

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) (02805).

Orchestra de la Societe des Concerts du Conservatoire, Paris, "Le Rouet D'Omphale" (Saint-Saens) (02928).

Plaza Theatre Orchestra, "Gipsy Suite" (German): (3) Menuetto (Love Duet); (4) Tarantella (The Revel) (02538).

Columbia Symphony Orchestra, "Badinage" (Herbert) (01092).

Menorah Symphony Orchestra, "Bar Kochba" Selection (Goldfaden).

J. H. Squire's Celeste Octet, "Chant Sans Paroles" (Tchaikowsky).

7.0 : News and reports.

8.0 : Chimes. March—Royal Opera Orchestra, "Hongroise" (Berlioz).

8.5 : Male quartets—The Four Aces, (a) "Opening Chorus" (Pettitt); (b) "Plantation Medley" (Trdtl.).

8.12: Xylophone—Mr. W. J. Sinton, (a) "Circus Gallop" (arr. Pettitt); (b) "Dixie" (Hacker).

8.17: Ventriloquial humour—Mr. H. McL. Eggers, "Comedy Sketches."

8.23: Selection—J. McCaw's Saxophone Band, (a) "Step Lively"; (b) "Field Day" (Wendland).

8.30: Baritone—Mr. Wm. Ruffell, "Sallyroses" (Bostlemann).

Male quartet—Four Aces, "Don't Wait Too Long" (arr. Pettitt).

8.37: Piano-accordion—Mr. Ted Heaney, "Popular Songs" (arr. Heaney).

8.41: Duets—Mr. and Mrs. Mee, (a) "Oh, Oh, Delphine!" (Caryll); (b) "When You're in Love" (Fraser-Simson).

8.47: Saxophone—Mr. H. Aburn, "Supplication" (Guarante).

Saxophone selection—The Band, "Me-ow!" (Kauffmann).

8.53: Male quartet—Four Aces, "The Old Road" (Scott).

8.56: Musical saw—Mr. W. G. Carey, "Night of Stars, and Night of Love."

9.0 : Weather report and station notices.

9.2 : Prelude—Halle Orchestra, "Khowantchina" (Rimsky-Korsakov).

9.6 : Duet—Mr. and Mrs. Mee, (a) "A Room with a View" (Coward); (b) "Trot Here and There" (Messenger).

9.12: Piano-accordion—Mr. Ted Heaney, "Waltzes and Jigs" (arr. Heaney).

9.17: Selection—The Band, (a) "Minute Man" (Wimburn); (b) "Petite Coquette" (Zamecnik).

9.24: Male quartet—Four Aces, (a) "All Kinds of Women"; (b) "Wonderful Men" (Brackett).

9.29: Xylophone—Mr. W. J. Sinton, (a) "Splitting Kindling Wood" (Hacker); (b) "I Bring a Love Song" (Romberg).

9.35: Ventriloquial humour—Mr. H. McL. Eggers, "Comedy Sketches."
 9.40: Selection—The Band, (a) "Childhood Memories" (Pettitt); (b) "Rube'n Sax" (Urbanck).
 9.48: Male quartet—Four Aces, (a) "Close Harmony" (Trdtl.); (b) "Closing Ode" (Kirk-Burnand).
 9.53: Musical saw—Mr. W. G. Carey, (a) "The Desert Song"; (b) "One Alone" (Romberg).
 9.59: Vocal medley—Parlophone Musical Comedy Company, "One Heavenly Night" (Parlo. A3184).
 10.2 : Dance session (Polydor)—
 Foxtrots—Marimba Original Excelsior de Guatemala, "Hula Tropical" (21902). Ilja Livschakoff's Dance Orchestra, "I Am So Happy" (May) (23537). Paul Godwin's Dance Orchestra, "Just Such a Girl" (Abraham) (23361).
 10.11: Waltz—Paul Godwin's Dance Orchestra, "Pardon Madame" (Abraham) (21902).
 10.14: Foxtrots—Marimba Original Excelsior de Guatemala, "Llorando" (21902). Paul Godwin's Dance Orchestra, "Victoria and Her Hussar" (Abraham) (23399); "The Broken Record" (Howalt) (23176).
 10.23: Vocal—Don and Ken, "Sunny Days" (Jason-Burton) (Parlo. A3106).
 10.26: Tangos—Ilja Livschakoff's Dance Orchestra, "O Miss Daisy" (Llossas) (23698). Paul Godwin's Dance Orchestra, "Poor Little Mannequin" (Rosen) (23397). Ilja Livschakoff's Dance Orchestra, "Queen of Dreams" (Schmidt) (23698).
 10.35: Waltzes—Paul Godwin's Dance Orchestra, "Under the Roofs of Paris" (Moretti) (23644); "Good Night!" (Abraham) (23398).
 10.41: Vocal—Don and Ken, "Roamin' Thru' the Roses" (O'Flynn).
 10.44: Foxtrots—Ben Berlin and His Orchestra, "Fairy on the Clock" (Myers) (23055). Paul Godwin's Dance Orchestra, "Mickey Mouse" (Carlton) (23176). Ben Bernie and His Orchestra, "Clown Dolly."
 10.53: Tangos—Ilja Livschakoff's Dance Orchestra, "Don't You Want a Friend Little Madam" (Meisel) (23334). Paul Godwin's Dance Orchestra, "Thus Spoke the Knowing Marabu" (Egen) (23397); "A Sweet-heart as Sweet as You Are" (Meisel) (23334).
 11.2 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SATURDAY, DECEMBER 5.

2.50 to 4.30 p.m. (approx.): Sports relay.

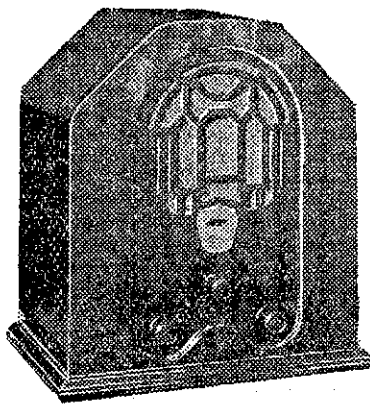
6.30 to 7.30 p.m.: Children's session

7.30 to 8.0 p.m.: Sports results and talks.

8 to 10 p.m.: Concert and dance programme, with sports results.

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Sunday, December 6

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

- 3.0 : Chimes. Selected recordings.
 6.0 : Children's song service, conducted by Uncle Leo.
 7.0 : Relay of Service from St. Mary's Cathedral. Preacher: Canon William Fancourt. Organist and Choirmaster: Mr. Edgar Randall.
 8.30 : Chimes. A Programme of compositions by the local composer, Barry Coney. (The composer will be assisted by Miss May Bray, Mr. Carl Whitmore, and Miss Lalla Hemus).
 Overture—Madrid Symphony Orchestra, "Arabian Nights" (Arbos).
 Soprano—Miss May Bray, (a) "Rose Song"; (b) "Their Secret."
 Cello—Miss Lalla Hemus, (a) "Reverie"; (b) "Country Dance."
 Orchestra—Salon Orchestra (under direction of Mr. Harold Baxter), (a) "Minuet in C" (Beethoven); (b) "Serenade Aragonaise" (Baron); Characteristic, "The Lark" (Bendix).
 Baritone—Mr. Len Barnes, (a) "Song of Cheer"; (b) "The Life of Man" (Coney).
 Piano—Mr. H. Barry Coney, "Waltzes" (1 to 6) (Coney).
 Weather report and station notices.
 Suite—The Salon Orchestra, "L'Oracolo" (Leon).
 Piano—Mr. H. Barry Coney, "Waltzes" (7 to 12) (Coney).
 Baritone—Mr. Len Barnes, (a) "Ballade of the Fingerpost"; (b) "War Trumpet" (Coney).
 Violin—Mr. Carl Whitmore, (a) "Canzonetta"; (b) "Minuet"; (c) "Tarantelle" (Coney).
 Male quartet—Kedroff Male Quartet, "Olaf Trigwason" (Reissiger).
 Selection—The Salon Orchestra, "Popular Songs" (D'Hardelot).
 Male Chorus—Weiner Schubertbund, "Der Tanz" (Schubert).
 Orchestra—The Salon Orchestra, "Suite de Valses" (Chabrier).
 God save the King.

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

- 3.0 : Selected gramophone recordings.
 6.0 : Children's song service, conducted by Uncle George, assisted by the children's choir from the Cambridge Terrace Congregational Church.
 7.0 : Relay of Evening Service from the Terrace Congregational Church. Preacher: Rev. H. W. Newell. Organist and Choirmaster: Mr. Harry Brusey.
 8.20 (approx.): Concert by the Wellington Municipal Tramways Band and 2YA Artists.
 March—The Band, "Machine Gun Guards" (Marechal); "Celebrated Largo in G" (Handel); Selection, "Reminiscences of Tschai-kowsky."
 Baritone—Mr. Keith Grant, (a) "The Linden Tree"; (b) "The Inquirer"; (c) "Impatience" (Schubert).
 Soprano—Miss Joyce Woodward, "Spring, the Fiddler" (Baumer).
 Waltz—The Band, "Waves of the Danube" (Ivanovici).
 Flexatone solo and band—Bandsman Brown, "When Your Hair Has Turned to Silver" (Campbell).
 Weather report and station notices.
 Tenor—Mr. Egerton Pegg, (a) "Come Into the Garden, Maud" (Balfe); (b) "Spirto Gentil" (Donizetti).
 Story—Miss Mary Cooley, "The Lady and the Tiger" (Stockton).
 Potpourri—The Band, "Musical Memories" (Trenchard).
 Cornet—Bandmaster Stevenson, with Band, "Alpine Echoes."
 Baritone—Mr. Keith Grant, (a) "Adelaide" (Beethoven); (b) "The Great Awakening" (Kramer).
 Soprano—Miss Joyce Woodward, (a) "Love, the Jester" (Phillips); (b) "Youth" (McGeogh).
 Tenor—Mr. Egerton Pegg, (a) "The Flower Song" (from "Carmen") (Bizet); (b) "Goodnight, Beloved" (Balfe).
 March—The Band, "The Vanished Army" (Alford); "Hallelujah Chorus" (Handel).
 God save the King.

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

- 3.0 : Gramophone recital.
 5.30 : Children's song service by children of the Methodist Sunday Schools.
 6.15 : Chimes.
 6.30 : Selected recordings.
 7.0 : Relay of evening service from Durham Street Methodist Church. Preacher: Rev. M. A. Rugby Pratt. Organist: Mr. Allan Welbrock. L.A.B. Choir conductor, Mr. C. N. Sargenson.
 7.45 : Selected recordings.
 8.15 : Overture—Berlin State Opera Orchestra, "La Belle Helene."
 8.23 : Mezzo-contralto—Mrs. Anita Ledsham, (a) "The Linnet is Tuning Her Flute" (Bauer); (b) "Habanera" (Bizet).
 8.29 : Flute—Mr. A. E. Hutton, with Studio Octet, "Aria" (Lemmone).
 8.34 : Tenor—Mr. David McGill, with Octet accompaniment, "Flower Song" (from "Carmen") (Bizet).

- 8.38 : Piano—Miss Maisie Ottey, (a) "Les Adieux" (Dussek); (b) "Colonial Song" (Grainger).
 8.45 : Soprano—Miss Cicely Audibert, (a) "The Call of Spring" (Strauss); (b) "Mia Picciarella" (Gomez).
 8.52 : Male choir—Erk's Male Chorus, "The Linden Tree" (Schubert-Stange).
 8.56 : Orchestra—Studio Octet (Conductor, Harold Beck), "L'Impressario" Overture (Mozart).
 9.1 : Weather forecast and station notices.
 9.3 : Orchestra—Orchestra of Opera Comique, Paris, "Marche Heroique."
 9.9 : Mezzo-contralto—Mrs. Anita Ledsham, with Octet accompaniment, (a) "Four By the Clock" (Mallinson); (b) "The Hills of Donegal" (Fillet).
 9.15 : Flute—Mr. A. E. Hutton, with Studio Octet, "Loin du Bal" (Fillet).
 9.18 : Tenor—Mr. David McGill, (a) "E Luce Van Le Stella" (Puccini); (b) "The White Dove" (Lehar).
 9.24 : Piano—Miss Maisie Ottey, "The Island Spell" (Ireland).
 9.27 : Orchestra—Studio Octet, "Melodies of Grieg" (arr. Beck).
 9.36 : Soprano—Miss Cicely Audibert, (a) "Lovers in the Lane" (Lehmann); (b) "The Butterfly is in Love with the Rose" (Cox).
 9.40 : Orchestra—Studio Octet, "Folk Song and Fiddle Dance" (Fletcher).
 9.49 : Male choir—London Male Voice Octet, "The Keys of Heaven."
 9.53 : Violin—Jascha Heifetz, (a) "Jota" (de Falla); (b) "Puck."
 9.56 : Orchestra—Studio Octet, "Monsieur Beaucaire Incidental Music."
 10.1 : God save the King.

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

- 3.0 : Relay from Concert Chamber of Dunedin Town Hall, lecture on Christian Science by Dr. Albert F. Gilmore, C.S.B., of Boston, Mass.
 5.30 : Children's song service, conducted by Big Brother Bill.
 6.15 : Instrumental recordings.
 6.30 : Relay of Evening Service from St. John's Anglican Church, Roslyn. Preacher: Ven. Archdeacon W. A. R. Fitchett, M.A. Choirmaster: Mr. W. H. Allen.
 7.45 : Selected recordings.
 8.15 : Relay of programme from 3YA, Christchurch.
 10.0 : God save the King.

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

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

The Ideal Programme

(Continued from page 11.)

more depressed 'e gets abusive!
*'E says I am a nincompoop, a blinkin' idiot,
 An addle-pated shallow-brain, a dotard
 off his dot,
 A maddened, moonstruck, muddleheaded,
 giddy kind of colt,
 A lout, a loon, a crazy coon demented,
 drivellin' dolt!*

And when I asks 'is opinion about includin' a comic song, 'e gets real annoyed. 'E don't favour an octet on the ocarina, or an arpeggio on the piccolo. And when I mentions rag-time, 'e pushes me out into the street, picks up an old fire bucket minus its bottoms and jams it over me 'ed, so that mej arms is 'elpless. That's why the missus went crook when I 'ad to kick the back-door to get in! She said it would 'ave been more sense if I'd kicked the bucket.

There is only one way to 'ear the ideal programme. Start yer own broadcastin' station, make up yer own programmes, then face the music! The chances are yer would get on yer own G-string and give yerself a musical cauliflower ear!

Yours not understood,
 ARCHIBALD.

Health Camps

(Continued from page 10.)

whom no Christmas cheer would otherwise come. He thought of a Christmas Stamp which would guarantee not only the postage of the parcels of the fortunate, but would provide comfort to the needy.

Not only in Denmark but in Great Britain and America and in other countries also this idea has spread,

and the funds thus raised are devoted to anti-tuberculosis measures, to the Red Cross, to the care of War Orphans, or to some other object of national importance. In New Zealand this is the third Christmas season when health stamps have been on sale. The funds raised previously have assisted in running health camps to which I have referred and in establishing the building at Otaki. There has never been a time when their benefits have been more necessary.

A Pathetic Letter.

I SHALL give you a sample of the kind of letter which reaches us frequently; this is written by the mother of a family: "As the job is ending this week it means my husband will be out of work. It is very hard for him to get on relief work as his right hand is crippled. We thought we might get the children in a health camp as they are not very strong. Owing to my husband being out of work so long before he started his present job all the money he did earn went in food, rent, clothes, and back bills. Now this job is ending we won't have a penny for anything." At present we have to realise that many children, though not actually starving, are existing on the barest necessities for maintaining existence.

All generous-minded people are anxious to help in cases like this. There is a pleasure in giving. If a few thousand of people in New Zealand would each buy even one Christmas Stamp a respectable sum would be raised to give health and happiness to the children of whom I have been speaking. If you cannot do anything more, therefore, will you please buy a few health stamps! They are on sale at all post offices.

Those interested and willing to help further are invited to get into touch with the local organisation concerned, or the Health Office.

WHY?

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

BURGESS RADIO BATTERIES

(d) A "Canadian" (small-hours) programme involving night staff and special terms for performers.

(e) Means of occasionally transmitting "peak" events or providing special programmes for relay.

So far as the technique of the matter is concerned, these divisions more or less fuse. Although for purposes of (e) the commercial wireless telephony system may sometimes be brought into play, a regular routine service, whether on a minimum or a full scale, will require the erection and maintenance of the broadcasting station proper.

Chelmsford Not Suitable.

IT may definitely be said that the existing Chelmsford plant would not suffice to carry a regular service. It is held on hire from the Marconi Company, and its situation and operating conditions are unsuited for anything more than purely experimental work. Further, as the scope of the experiment was world-wide, the wavelength of about 24 metres that was adopted was a compromise, whereas, in order to reach all parts of the Empire under varying conditions of light and darkness, it is desirable to transmit at least at certain times of the day, on two wavelengths, fairly widely spaced apart, namely, below 20 and above 30 metres.

Ideally, not even two waves are sufficient, and it is possible that—with steady improvement in receiving technique and the development of new ideas in transmission (such as broadcasting the same programme simultaneously on three closely adjacent wavelengths)—an Empire or world transmitting station may eventually take the form of four or five aerial systems, sending out a programme on wavelengths spaced widely apart, together with a group of three adjacent wavelengths for special links between broadcasting organisations.

On the other hand—quite apart from the uncertainties of the future with regard to programme requirements—it is not considered that sufficient experience has been gained in overseas broadcasting to justify at present the heavy expenditure that an installation on this scale would require. The gear itself is costly, a great deal of land would be required for the aerial system, and maintenance costs would necessarily be high. Moreover, there is the danger that the installation would soon be obsolescent.

A Five-Year Scheme.

FOR the present, therefore, whatever the programme policy adopted, it seems advisable to proceed on the basis of amortisation in five years, and to establish a medium-power station, designed to send energy in all directions, transmitting simultaneously on two wavelengths. The housing of this station could be temporary. Both for convenience and economy, there would be considerable advantages in placing it at Daventry; on the other hand, the number of masts might impair the efficiency of the two stations already on the spot and the question of site should

be left open for the present. After five years it should be possible to specify definitely the equipment for a permanent station; and it may be anticipated that much of the plant of the semi-permanent station could be transferred. The financial details given below are based on these premises.

Turning now to the programmes themselves, it has already been stated tentatively that a programme drawn up to "Colonial" requirements should have its centre of gravity in the news bulletin, and, for the rest, could consist almost entirely of a selection of the items available in the home programmes. Provision should, however, be made for including events of special interest which for one reason or another were not being broadcast to home listeners, and for special programmes on rare occasions when all the available home items might be unsuitable. "Contact" or "sentimental" items, such as time signals from Big Ben, would regularly be included.

"Australian and New Zealand" and "Canadian" programmes, on the other hand, would be listened to in the main by people already provided locally with a service of news and entertainment, and as both would in principle involve special performances the characteristic note of the programme-building should perhaps be the life and culture of the Old Country and Europe. No good purpose would be served by giving, say, the Canadian listener (direct or rebroadcast), mere routine entertainment that he can listen to under far better conditions from his local station. "Contact" features would, of course, figure in these programmes as in the "Colonial." Close liaison would have to be maintained through Dominion broadcasting authorities with the pulse of the public served. The case of South Africa is midway between these and the "Colonial" as regards programme-content, and presents no difficulty in point of timing.

Suggestions for Programmes.

THE programme hours which might be required are:—

A. One hour between 10 a.m. and 12 noon (approximately) British time: "Australian and New Zealand" programme on the lines indicated above, and containing also a news bulletin.

B. Two and a half hours between 2 p.m. and 5.30 or 6 p.m. (approximately): "Colonial" programme culminating in a substantial news bulletin, and consisting of entertainment taken from home programmes, with Big Ben and various items of sentimental significance.

C. Evening: "South African" programme; one hour or two, consisting almost entirely of selected items from the British home programme, but with a proportion of special matter such as a version of the United Kingdom news bulletin in Afrikaans.

Empire Broadcasts

(Continued from page 3.)

D. 1 a.m. to 2.15 a.m. (approximately): "Canadian" programme on the lines indicated above, including (for the benefit of the West Indies) a repetition of the second news bulletin of the home service, supplemented on occasion by additional items received up to midnight.

E. Irregularly: Important actualities as and when they occur, and special programmes as mutually arranged between broadcasters.

The Final Report.

THE following proposals were submitted by the British Broadcasting Corporation in October, 1930:—

It is proposed that, instead of charging for all transmissions from the new station in the United Kingdom on the basis of the average cost per hour of United Kingdom programmes, as was suggested in the original report on Empire broadcasting, only that part of the programmes which has to be specially arranged should be charged for. On this basis the figures given in the original report require to be revised as under:—

	£
Capital Expenditure.—The cost of erection of station, including masts, on double transmission basis, but in a building of temporary nature and assuming a free site, is estimated, as before, at	40,000
Note.—The life of the station is taken to be five years.	
Revenue Expenditure:—	
Engineering.—The annual cost of maintenance is estimated, as before, at	7,000
The annual instalment to cover amortisation in five years (interest calculated at 6 per cent.) would be	9,500
Total	£16,500

Programmes.—The programme service assumed is shown in the following table:—

Programmes (United Kingdom times of transmission).	No. of given hours to daily news for 6 to be days per ex- week. cluded.	Net daily pro- gramme hours. (a)	Total No. of hours per annum. (b) At £30 p.h.
*A. 1 hour, between 10 a.m. and 12 noon ..	1 ½	1 ½	156
B. 2½ hours, between 2 p.m. and 6 p.m. ..	2 ½	2 ½	780
C. 2 hours, between 6 p.m. and 10 p.m. ..	2	1 ½	468
D. 2 hours, between midnight and 2 a.m. ..	2	1 ½	468
		1248	624

*For New Zealand; equivalent to 9.30 p.m. and 11.30 p.m. New Zealand standard time. This session should be suitable for rebroadcasting in New Zealand.

Note.—The programme shown in the original report included an additional news period between 2 and 6, which, in the above table, is devoted to general programmes.

In the original report it was assumed that the greater part of the new station's transmissions, apart from the news bulletins, would be taken from other B.B.C. stations' programmes, and the appropriate average cost per hour of United Kingdom programme was applied in estimating the cost of the new stations' programmes. For Dominion purposes, however, a greater proportion of the new station's programmes would have to be specially arranged, i.e., the whole of A (for New Zealand) and D above. If the part of the programmes taken from other Unit-

ed Kingdom stations is not charged for, the figure previously taken as the average cost of programmes, £20, will now have to be increased, as the increased costs of programmes generally since 1928, resulting from the development of broadcasting, must be taken into account.

Excluding news, the specially arranged programmes are estimated to cost an average of £30 per hour. The annual total number of hours under A and D would, therefore, cost £18,720. B and C would not be charged for.

	£
Empire news bulletins at 12 noon, 6 p.m., and 12 midnight would provisionally be charged for by Reuters at	2,000
Additional staff is estimated to cost	3,000
Contingent expenses, say	1,250
Costs of special events, etc., say	500
Total annual programme cost	25,470
say	£25,500

The service would, therefore, cost:—
An initial capital expenditure on a new station of

	£
And an annual revenue expenditure on engineering and amortisation of	16,500
On programmes of	25,500
	42,000

The corresponding figures in the original report were:—

	£
Initial capital expenditure ..	40,000
Annual revenue expenditure ..	42,500
To which must be added the annual instalment of amortisation	9,500
	52,000

The present proposal therefore shows a reduction in annual revenue expenditure of 10,000 and also provides for a greater proportion of programmes being arranged entirely with regard to the special requirements of Empire broadcasting

Mullard

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"EXPORTER" COMPETITION NO. 1.

Owing to the fact that so many people tied in this competition, results and second attempt for prize moneys have been posted DIRECT TO EACH COMPETITOR WITH FULL EXPLANATIONS. ANYONE NOT RECEIVING A COPY WRITE TO BOX 22, CHRISTCHURCH. RESULTS WILL BE PUBLISHED IN THIS PAPER NEXT MONTH. (Adv.)

We desire to make it clear that the above competition was not run by the "Dairy Exporter and Home Journal Company." The name was used to distinguish it from other competitions in other papers run by the promoters, a Christchurch firm. (Ed.)

The "Eagle Five"

(Continued from page 17.)

ing and fixed vanes are certain to short through it.

Conclusion.

IF the constructor carefully assembles and wires up this receiver—and there is nothing very difficult in doing this—we are confident that it will give him no trouble whatever.

With regard to its capabilities. We first tested this set between 11.0 and 12.0 p.m. one evening, and in that time no less than 24 Australians were heard on the loudspeaker at strengths varying from R4 to R9. This, and other tests, convinced us that for dx work there is very little to choose between this receiver and the "Outspan Five"—one of the most popular sets we have described. This statement, combined with the fact that the "Eagle Five" may be built, including the valves, at a cost not exceeding £8/10/—an unusually low price for such a set—makes this receiver one which every constructor will want to build.

Laboratory Jottings

Simplex Condensers

A NEW line of fixed condensers has been introduced by Standard Telephone and Cables, and several of these have been tested in our laboratory. The main features about the new condensers are a still greater reduction in size and an improvement in their capabilities to withstand high voltages. Another factor which set

		Upon Delivery.	
		M.F. Megohms	
2 M.F.	1.9	3000	
2 M.F.	1.9	3000	
2 M.F.	1.9	3000	
1 M.F.	0.91	4220	
0.5 M.F.	0.50	6330	
0.1 M.F.	0.09	7600	

constructors will appreciate is that they are cheaper than their predecessors.

It will be remembered that Standard Telephones and Cables some time ago introduced a condenser which was considerably smaller than the average fixed condenser on the market. This was made possible by the use of an improved dielectric, and the new Standard being smaller, should find great favour with constructors.

Our tests were for capacity and insulation, and all condensers withstood the testing voltages of a thousand volts d.c. applied from 3 to 5 minutes, and upon testing for capacity showed

no appreciable alteration. A condenser was immersed in water for five hours and again tested, but there was no change in insulation or of capacity.

Tested on a.c. to ascertain at what voltage a condenser would actually break down, we found that after 750 volts a.c. had been applied for two hours, the insulation failed. This is rather remarkable, as a condenser of this rating should have gone long before this. Our general conclusion is that the "Simplex" Standard Condensers are entirely satisfactory. They carry our recommendation.

	During 4 days.	During 12 days.
	M.F. Megohms	M.F. Megohms
1.9	2920	1.9 2846
1.9	2846	1.9 2533
1.9	2642	1.9 2533
0.94	4200	0.97 4000
0.52	6300	0.52 6000
0.09	7000	0.09 3600

THE following figures have been taken from the report of the International Telephone Laboratories. They indicate the resistance of the condenser upon delivery and after having been stored at 80 per cent. humidity for four days and for twelve. The figures indicate the state of affairs after 1000 volts d.c. had been applied for 3 minutes:—

The standard requirements of the Telephone Laboratories for condensers upon delivery are:

2 MF min	100 megohm
1 " "	200 "
0.5 " "	400 "
0.1 " "	2000 "

The Melodies of Brahms

(Continued from page 1.)

the good fortune to become a pupil of Teresa Carreno, then acknowledged by Continental critics as the greatest living woman pianist. Many music lovers still remember Carreno's triumphant tours through New Zealand, though it is many years since she gave her farewell recital in this Dominion. Mr. Short was also privileged to attend the artists' class held twice a week by the great Hungarian pianist, Ernst Dohnanyi, by special permission of the director of the world-famous Berlin Hochschule. It may be noted here that Mischa Levitzki, whose superb playing enthralled many audiences throughout the Dominion a few months ago, graduated from this class.

After the death of Teresa Carreno Mr. Short continued his studies with Josef Weiss, the greatest of present-day Hungarian pianists, and a favourite pupil of the great Liszt. Josef Weiss was the first pianist in Europe to give complete programmes of compositions by Brahms, and Mr. Short seized the

opportunity to make a special study of the works by this composer.

Always in the promotion of his art, Mr. Short has resided at various times in London, Berlin, Paris, Vienna, and New York, frequently in close association with many of the world's most eminent artists. Before the war he became in Berlin a busy teacher of the Carreno system of muscular relaxation. He has played with marked success in different European countries, while throughout the Dominion he will be remembered as pianist to the Notariello Concert Company which toured New Zealand about ten years ago under the management of Messrs. J. and N. Tait.

Mr. Short's concert work has everywhere earned the highest praise of the critics. In the arena of public service he has given lecture recitals at many of the leading schools and colleges in the North Island, while in Wellington his name has been prominently associated with many brilliantly successful recitals.

N.Z. Short-wave Club

Secretarial Notes

OWING to lack of notice I regret that two leading lights of the club could not be included in the deputation to the Postmaster-General, namely, Messrs. Roy Clarke (ZL2AW) and E. Hackett. Those present were the president, Mr. F. W. Sellens, Mr. H. E. Evans, and myself. We were very well received and our request for club notes to be broadcasted will receive consideration.

I recently received a very favourable reply from the Prime Minister re a suggestion for publicity, and, shortly, I hope to be able to place details before members.

A number of letters still come to hand asking for information from beginners. I am only too pleased to reply, and, if a 2d stamp is enclosed, I will forward some club information.

It is most likely that the next Wellington meeting will be held early in December.

It has been suggested by our Auckland representative, Mr. L. Saunders, that club members in various places hold "Field Days"—that is, take sets out in the open and see what results are like. That is a good idea, but, of course, permission would have to be obtained from the radio inspector to remove the set.

As most of the members will be going to other places this Christmas, I would like those desiring members' addresses in various places to write in as early as possible, otherwise, with overtime, etc., letters may be delayed.

Any letters addressed A. B. McDonagh, Secretary, New Zealand Short Wave Club, Wellington, New Zealand, will always find me.

P.S.—A letter came to hand recently addressed: "N.Z. Short Wave Club, Wellington."

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5/6; DUBILIER DIFFERENTIAL CONDENSERS, 5/6;
DUBILIER .0002 and .0003 CONDENSERS, 2/-; OSRAM
S625 VALVES and SPECIAL BASE, 15/-; GLAZITE, 8d.
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A. E. STRANGE

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Short-wave News

Johannesburg Short-waver.

THE new short-wave station in Johannesburg, South Africa, transmits on a wavelength of 49.4 metres. They are on the air between 5 a.m. and 8.30 a.m. every day, and from midnight most days. (N.Z. Summertime.)

VK2ME, New Schedule.

VK2ME, Sydney, commencing on Sunday, November 29, will transmit their international week-end programmes at the following—N.Z. Summertime: 6 p.m. to 8 p.m., 10 p.m. to 2 a.m., and 2.30 a.m. to 4.30 a.m. This schedule will operate till further notice.

Revised Schedules—W2XAD and W2XAF.

THE General Electric Company, Inc., Schenectady, New York, report the following revised schedules for their short-wave stations:—

W2XAF, 31.48 metres—Daily between 10 a.m. and 4 p.m.

W2XAD, 19.56 metres—Daily between 7 a.m. and 10 a.m. (both N.Z. Summertime). Both stations go on the air at other times for special transmissions.

VQ7LO, Nairobi.

THE East African Broadcast Co., Nairobi, Kenya Colony, British East Africa, advise that VQ7LO broadcasts on a wavelength of 49.5 metres, with a power of 2½ k.w., as follows:—Tuesday, Thursday and Saturday, 3.30 a.m. to 7 a.m.; Wednesday and Friday, 4 a.m. to 7 a.m.; Tuesdays, 7.30 a.m. to 8.30 a.m., and Fridays, 12.30 a.m. to 1.30 a.m.

B.B.C. Receivers.

AN article of general interest to all radio listeners appeared in a recent issue of "Popular Wireless" (England), describing the receiving apparatus used by the British Broadcasting Corporation. The following is an extract, relating to their short-wave work:—

"The engineers make their own apparatus for outside broadcasts. There are some special occasions, such as the Boat Race, when it is quite impossible to use a land line link between the outside broadcast microphone and the control room. Then the radio link is brought into use, and the B.B.C. uses short-wave receivers to pick up the transmissions, which are afterward passed on by normal land-line to the control room.

"At one time it was usual to have short-wave super-sets, for this radio link work, but now they have been discarded in favour of Reinartz sets.

The specification will interest short-wave enthusiasts. An L.S.5.B. valve is used, as the detector with anode-bend rectification. The tuning condenser is of .0002 capacity and by means of an an iron-cored choke, a .5 mfd. coupling condenser and an ordinary L.F. transformer, the detector is coupled to the following low-frequency stages. With a receiver of this kind the B.B.C. "A" amplifier, a four-valve having resistance-coupled stages and embodying a tone control, is used. The output of this is more than sufficient for the land-lines through to the control room and this gives a latitude should it be necessary to shift the tone to suit the characteristics of the

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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.

line. For instance, if any particular line does not transmit bass well, the tone is shifted in just the same way that a tone control is varied in a radio-gramophone, and the tone is shifted up at one end of the line and down at the other. In this way low-note distortion is prevented.

Power for the amplifiers and the detector stage is provided by means of a bank of accumulators. The B.B.C. still relies on large-capacity accumulators for high tension, low tension, and grid bias, and although these are rather cumbersome, provision is made in the O.B. van (outside broadcast) for accumulator-fed supplies for each circuit.

VK6AG, Perth.

ONE of the "Night Owls" heard VK6AG one morning during the past week on about 41.5 metres, between 3 a.m. and 3.30 a.m., at good volume. Mr. W. E. Coxon, the operator of this station, is the engineer in charge of the "A" class broadcast station at Perth, and fills in his spare time at his own station. The writer used to hear him often about four years ago on 32.9 metres, when records were often heard, before midnight, at good strength.

Log for Week Ending
November 21

RV15, Siberia, 70.1 metres: Still one of the best. On Wednesday as early as 7.30 p.m. they were R8. They appear to have a Chinese session each evening soon after 8 p.m., when Chinese music and talk is often heard.

55.8 Metres (about): Just after midnight on Saturday, music at R8. Static was too bad to get a call, but it was probably one of the stations in Java.

VK3LR, Melbourne, 51.6 metres (about): Tuesday, 11.15 p.m., R8-9 with music; static was very bad; then ZLW commenced on 52 metres, and that settled it. Thursday, 8.50 p.m., they were R9; static again was very bad.

HVJ, Vatican City, 50.26 metres: Do not hear much of this station now; the time is not convenient. Wednesday, R8 with talk at 7 a.m.

RW59, Moscow, 50 metres.—Varies a great deal. Tuesday, no sign till after 7.30 a.m., when they were very gushy at R5. Thursday at 6.30 a.m. signals were R9. Friday, a little weaker at this time, and only R3 on Saturday at 6.45 a.m.

W9XF, Chicago, 49.83 metres.—Till 5 p.m. volume is poor, but rapidly increases to about R9 by 6 p.m., which is the maximum time just now.

ZL2ZX, Wellington, 49.5 metres.—Monday, Wednesday, Thursday, and Saturday evenings and Saturday afternoon. Excellent at R9.

W8XAL, Cincinnati, 49.5 metres.—Reaches R8-9 by 5.30 p.m. Best at 11.30 p.m., when volume is usually R9.

W8XAL, Boundbrook, 49.18 metres.—Reaches R8 by 5 p.m., but has been noisy lately.

F3ICD, Saigon, 49 metres.—Tuesday, 11.15 p.m., excellent at R9 with records till 11.30 p.m., when, after the call is given, native talk and music is heard. Saturday, R9, with one stage of audio at midnight.

HKC, Columbia, 47.84 metres.—Sunday, 4.45 p.m., R5. Static and gushiness bad.

W8XL, Boundbrook, 46.89 metres.—Sunday, R8 at 4.30 p.m., increasing to R9 by 5.30 p.m.

REN, Moscow, 45.38 metres.—Tuesday, R8 at 6 a.m., decreasing to R3 by 8 a.m. Friday, only R5 at 6.30 a.m. Other mornings very poor.

PLW, Java, 31.86 metres.—Midnight on Saturday, records at R9 till 12.20 a.m., when Amsterdam was called.

VK2ME, Sydney, 31.28 metres.—R9 till 12 p.m. on Saturday.

W2XAF, Schenectady, 31.48 metres.—Weak till after 3 p.m., but usually reaches R8-9 by 4 p.m.

Zeesen, Germany, 31.38 metres.—Heard for a few minutes on Thursday and Friday, when they were R2-3 at 6.45 a.m. This is the best I could get them during the past week.

W1XAZ, Springfield, 31.35 metres.—R3 at their best about 4.30 p.m.

VK2ME, Sydney, 31.28 metres.—Their week-end transmissions were as usual, R9, with severe fading.

G5SW, Chelmsford, 25.53 metres.—Very weak now at 7 a.m., and disappears entirely soon after this time.

12RQ, Rome, 25.4 metres.—Varies each morning, Tuesday at 6.20 a.m. they were R9, decreasing to R3 by 7.45 a.m. Wednesday, at 8.30 a.m., they were R8-9 and weaker earlier. Other mornings reception was very poor all through.

W8XR, Pittsburg, 25.25 metres.—Sunday, R8 from 8.30 p.m. till 4 p.m. Tuesday, 7.45 a.m., R5, but gushy.

FYA, Paris, 25.2 metres.—Best about 6 a.m., when they are about R8, going off to very weak by 8 a.m. They have been troubled by rapid fade lately.

24.7 Metres (about).—A Java station, I expect, as Amsterdam was called on Saturday at midnight, after some music had been well received at R9.

W2XAD, Schenectady, 19.56 metres.—Monday, R4, with slow fades at 8.30 a.m. Tuesday, only just audible at the same time; other days no sign of this station.

Higher Power for Radio
Stations

THE American Radio Commission has made tentative grants of increased power to certain radio stations. The increase is to 25 kilowatts, with an additional 25 kilowatts experimentally. The stations affected are:—WOR, Newark, N. Jersey, 710 kc., now 5 kw.; WCAU, Philadelphia, Pennsylvania, 1170 kc., now 10 kw.; WSM, Nashville, Tennessee, 650 kc., now 5 kw.; WSB, Atlanta, Georgia, now 5 kw.; WCCO, Minneapolis, Minnesota, 810 kc., now 5 kw.; WHO, WOC, Des Moines, Iowa, 1000 kc., now 5 kw.; KOA, Denver, Colorado, 830 kc., now 12½ kw.; KSL, Salt Lake City, Utah, 1130 kc., now 5 kw.; KPO, San Francisco, California, 680 kc., now 5 kw.; WHAM, Rochester, New York, 1150 kc., now 5 kw.; WHAS, Louisville, Kentucky, 820 kc., now 10 kw.; WBT, Charlotte, N. Carolina, 1080 kc., now 5 kw.; WAPI, Birmingham, Alabama, 1140 kc., now 5 kw.; KVOD, Tulsa, Oklahoma, 1140 kc., now 5 kw.; KFAB, Lincoln, Nebraska, 770 kc., now 5 kw.

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Bed-books.

IN an English paper appear the following suggestions for books to be read in those "white nights" that visit us all:—"The Open Road," compiled by the accomplished Mr. E. V. Lucas; "The Road Mender," which is a favourite of many readers here in New Zealand; "Pepys' Diary," "Any of Jane Austen's"; the Book of Books; and Thoreau's "Week on the Concord." Truly a catholic collection, but one surmises a much longer list might be compiled with the utmost ease. Many possibly would give suffrages to the lovely verses of the late Poet Laureate, Dr. Graves, some of Miss Eileen Duggan's poetry would not come amiss; while, for those who might not find Boswell's "Johnson" quite hit the mark, what about the delightful prose of Miss Victoria Sackville-West?

All Souls' Day.

IN some reminiscences recently published in England by the Viscount d'Abernon, he makes interesting comment on a group of brilliant youth of forty years ago—in their day the most modern of modern sets—who amazed and horrified many good people, just as glad and gifted youth does now. The writer of these reminiscences knew them all intimately, and he looks upon their activities as an attempt to "burst the bonds of irksome social tradition and open the way of a more rational and agreeable mode of life." He makes entertaining and suggestive remarks on the widely differing personalities of two well-known and exceptionally gifted members of that coterie yclept "The Souls":

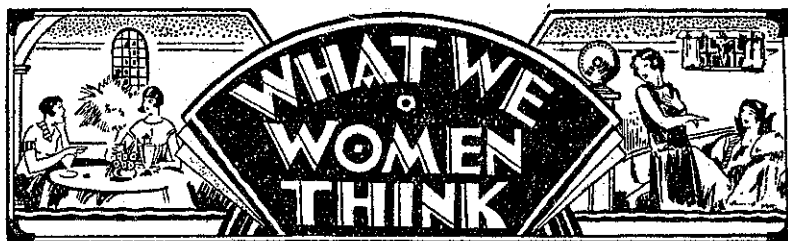
"More dissimilar natures cannot be imagined than those of the two most prominent among them—Arthur Balfour and Margot Tennant. The one 90 per cent. intellectual, the finest texture of silk; the other pre-eminent for temperament and dash—audacious, impulsive, the strongest homespun—homespun through which no shaft could penetrate. Both iconoclasts; the one from irony and polite negation, the other from an inveterate addiction to shock tactics."

Silly Snobs.

WE all know women who are overjoyed when they can outshine their neighbours in the matter of clothes, furniture, or some similar thing, and, curiously enough, the disease is far more prevalent in the suburbs of cities and towns than anywhere else. Happily there are not so many of this class now as a few years ago. Since the war poverty has become almost fashionable, and with the new attitude toward work, which even allows the sons and daughters of dukes and earls to earn their own living, this silly form of snobbery may soon die out altogether.

Gandhi's Creed.

THUS India's Mahatma in the "Daily Herald": "I uphold the Truth, as I see it, for I believe it is the key-stone of life. On it everything else depends. It comes first and last and always. And in all things it is possible to put Truth first. For myself I have always tried to do it. In my political ambitions I eschew all lies and fraud. For the attainment of no object would I subscribe to deceit. I have read many varying descriptions of myself. Some call me a Saint. Others call me a rogue. I am neither the one nor the other. All that I aspire to be—and I hope I have in some measure succeeded in being—is an honest, God-fearing man.



But the things I read about myself do not annoy me. Why should they? I have my own philosophy and my work. Every day I spin for a time. While I spin I think. I think of many things. But always from those thoughts I try to keep out bitterness. Study this spinning wheel of mine. It would teach you a great deal more than I can—patience, industry, simplicity. This spinning wheel is for India's starving millions the symbol of salvation.

I want to see the opening of all offices, professions and employments to women; otherwise there can be no real equality. But I most sincerely hope that Woman will retain and exercise her ancient prerogative as Queen of the Household. From this position she must never be dethroned. Individuals there may be who in the pursuit of some great principle or ideal forgo, like myself, the solace of family life, choosing instead one of self-sacrifice and celibacy; but for the mass of the people the preservation of home life is essential.

Terpsichore.

THE Cuban, as a new dance is called, combines several of the features of the tango and the Charleston, the result being something both novel and irresistible. It is being demonstrated in London in what is, presumably, a variation of Cuban costume, and amateurs hasten—literally—to follow in their footsteps and experiment for themselves with the fascinating new rhythm. There's nothing new under the sun, we're told, and yet the new dance holds elements of novelty, and that being so, finds eager devotees.

Many Inventions.

AS might be supposed, the inventions patented by women during that much-vaunted era of femininity, the

nineteenth century, were mostly inspired by domestic needs, but there was one, in the very first year of the century, that suggests the tribulations of a

NOSTALGIA

To come back from the sweet South, to the North
Where I was born, bred, look to die;
Come back to do my day's work in its day,
Play out my play—
Amen, amen, say I.

To see no more the country half my own.
Nor hear the half-familiar speech
Amen, I say; I turn to that bleak North
Where I came forth—
The South lies out of reach.

But when our swallows fly back to the South,
To the sweet South, to the sweet South,
The tears may come again into my eyes
On the old wise,
And the sweet name to my mouth.

—Christina Rossetti.

harassed governess. For, according to the specifications, it was an "apparatus consisting of an oblong box which, when opened, presents two tables, and having dice, pins, counters, etc., contained

within the same, by means of which six different games may be played for the amusement of children, and which are at the same time an exercise in the fundamental principles of music, particularly the keys, signatures, intervals, chords and discords, also the rules of thorough bass."

Seemingly woman's most successful invention before the war was the curved hairpin with turned up ends, which, it is said, caused the woman who invented it much study of all the skulls at the Royal College of Surgeons to get the proper scientific curve. It proved a little gold mine till the shingle vogue killed the hairpin trade.

No such check has come to the marketable value of another idea of women's, the detachable collar to men's shirts, out of which a comfortable fortune has been made. As for that other little invention, the paper bag; it, too, has made a wealthy woman, a Miss Margaret Knight, of New York.

Vandals!

THINK how a peacock in a forest of high trees
Shimmers in a stream of blueness and long-tressed magnificence!
And women even cut their shimmery hair!

—D. E. Lawrence.

Here To-day and Gone To-morrow!

THERE is no more stimulating department of fashion this season than the millinery salon. New hat styles are born every day, and conversation sooner or later turns to the vagaries of modish millinery, with the question: "Have you seen the latest?" So great is the succession of new styles that many models representing the proverbial last word of Paris in the early days of the present season are already regarded as back numbers.

High-Flyers.

JUST outside Reading, an attractive little bungalow, standing in a field, with probably a light aeroplane at the front door, attracts passers-by.

Few know, however, that the bungalow belongs to two enterprising girls, both experts in the art of flying.

They are Miss Dorothy Spicer, the second woman in England to obtain her ground engineer's certificate, and Miss Pauline Gower, who has a "B" license from the London Aeroplane Club.

Into the Blue.

THE Duke of Rutland, who is 45, was formerly Attache of the British Embassy at Rome, and is keenly interested in agriculture and an enthusiastic lover of the good green fields and sights and sounds of his native land. Also he is as passionate a champion of dumb creatures as Dr. Axel Munthe—and one can say no more than that, for the Swedish writer wields a vitriolic pen on this subject and wages unceasing war against man's cruelty to bird and beast. Recently the duke discovered, in a market place on the Continent, a large consignment of caged larks. He purchased them all—800 strong—and, finding a secluded haunt where the dragon was not likely to descend, liberated the lot. What a lovable humanitarian!

Our Cookery Corner

Savoury Horns.

THESE make a pretty supper dish which you can make in a very short time. All you need is some sort of puff pastry, whichever you prefer. Cut it in narrow strips and wind these round the outside of horn moulds which have been well greased.

See that the pastry overlaps slightly each time it is put round. Then brush over with a little beaten egg and bake in a moderate oven.

When done, slip out the tins and the horns can be filled with either of the following mixtures:—

Lobster Filling.

REMOVE any bone from the contents of a tin of lobster and cut up the fish and heat it in a saucepan.

Mix one ounce of butter to a paste with half an ounce of flour, and stir it in, adding a tablespoonful of milk

and a little pepper. Stir over slow heat for about five minutes, then fill the pastry horns with this and serve when cold.

Ham Fillings.

Mince half a pound of cold ham, then add a small pinch of mace and pepper and an ounce of butter. Stir gently over slow heat until the butter has melted, and fill the horns as before.

Cream Cheese Toasts.

TOAST some thin slices of bread and cut into neat fingers, and leave until cold. Then spread with cream cheese and place a few slices of tomato, beetroot or cucumber on top.

This dish may be varied by using thin slices of ordinary cheese mashed with a little vinegar and salad oil, flavouring with pepper and mustard, and spread on the toast, decorating as before.

HAVE you renewed your subscription to the—

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.... With BOOK and VERSE

By "John O'Dreams"

Jottings

TO the student of social history and the bibliophile, "The Englishman and His Books in the Early Nineteenth Century," will prove an exceedingly interesting and agreeable chronicle. The author, Mrs. Amy Cruse, takes the reader from the stilted days when Madam d'Arblay's "Camilla" first saw the light, right down through the years, annotating with vivacious and illuminating comment the personality and achievement of a long list of statesmen, philosophers and inspired contributors to the belles lettres of that brilliant period.

For her subject matter the author has delved, with patient and acumen, into ancient biographical lore, diaries, letters, publishers' statistics and reviews, and she makes able and excellent use of her investigation of that rich treasure-trove.

Politics and drama of the age are discussed with animation and humour; and a floodlight of critical comment let loose upon the highlights of that shining firmament which coruscated the genius of Wordsworth, Byron, Sir Walter Scott, Charles and Mary Lamb, Shelley, Godwin, Hazlitt, and the charming youth who afterward became Lord Palmerston.

Contemporary journalism and correspondence are invoked to add verisimilitude to fascinating pen portraits of men and women famous in their day and after; and there is a description of leisured literary society in the days when Mr. Macaulay dined at Holland House; languishing maidens kept albums wherein enamoured swains were blushing implored to "dash off" a poem and sign it with notable names—a deplorable custom not yet wholly extinct; and beauteous ladies in trailing high-waisted gowns flocked to hear the witty Sydney Smith give his famous lecture on "Taste," when we are told the charm of his manner, happy geniality spread throughout the hall, intonations of attractive voice, and glances and gestures carried his audience away.

Thumbnail sketches of melodrama at the Surrey are acutely revealing; and there is an illuminating sketch of Fanny Kemble, fresh from Paris boarding school, making unwilling debut on the boards to save the family financial fortunes.

It is impossible in the space available to do justice to this fascinating medley of other times, other manners, which is to be recommended cordially to commonalty and connoisseurs.

Prize Poem Competition

THE prize of half-a-guinea in the current competition is awarded to M.F.P. for "Lure of the Woods," a poem of fleeting and elusive beauty. Selected for commendation is "Spring Song," by D.A.S., an impressionistic study of blaze of flowers in Wellington streets; and "Toti's" "Adrift," which gives a striking metrical presentation of a grim theme.

S.C.McC.: Ethel Mannin's "Confessions and Impressions" (7/6) is procurable from Whitcombe and Tombs, Wellington. Prompt application is advisable, as stocks are almost exhausted.

V.S.J.'s songlet is still another plea, and a musical one, for poor "robin-red-breast in a cage."

"Armistice Day, 1931": A great motif elaborated with some degree of success.

"Greta's" symbolic small poem is good enough to warrant expectation of still better work from this young follower of the Muse.

"Cupid's Song": Original and attractive in expression.

"Red Rose": Your small vignette of landscape under passing shower is sincere and immature and sweet.

"To Passers By": Visionary underlying thought handled with vigour and clarity.

"Erin's" work has a quality of rounded completeness, combined with recognition of things of the spirit, but we do not like the split infinitive in second verse.

"John Storm" sends attractive Villanelle constructed with this contributor's enviable verbal facility.

M.L.G. gives poignant expression of exploitation, "for a crust," of personal emotion and heartbreak of those who see visions and dream dreams.

"Thoughts of a City Dweller": A peaceful and tranquil Mecca presented with considerable skill in versification, two concluding lines slightly marring the charm of phraseology.

O.E.H.: Thanks for suggestion regarding "Homeland." I should like to add another voice to the chorus of appreciation. You are right in surmising that the work sent in to this page is of high average quality; sometimes, indeed, an *embarras des richesses*.

"Summer Song": Happy-hearted verses of metrical spirit and charm.

"Rafferty Ronald" apparently is as great a devil-may-care as his film name-sake.

"Feathers": Puff, puff!

Lure of the Woods

*Ah! Let me run through the tangled ways
Of the wind-swept trees in the forest maze
A thing of the wind and sunshine!
A song in my throat, and a laugh that wakes
The dreaming depths of the leafy brakes,
And an echo throws to the sky.*

*If I faintly piped upon a reed,
Would you hear the music and, taking heed,
Follow the glint of my dancing feet?
I would lead you around the shallow mere,
Slip into the sleeping waters there,
You could never follow so fleet,*

*If you saw through a shimmering beam
The lure of a slim white arm, or a gleam
Of flying hair. Past the forest pond
You would stumble over the creepers low
Till you caught my hand—But no! ah no!
You would hold fast—a willow wand!*

—M.F.P.

MRS. ELINOR MORDAUNT has written some excellent fiction, but her latest novel, "Full Circle," perhaps will not add greatly to her already established reputation. It is the story of Levenson Hurle, who writes novels and plays on the principle of photography, that is to say, he takes the incidents he sees around him, the private and less reputable episodes in the lives of his acquaintances, and writes them up for the delectation of his public. By this more or less simple method he succeeds in achieving fame and fortune, but is an unspeakable bounder, and one finds it hard to believe in him. There is good work here and there, as is inevitable with an author of the calibre of Mrs. Mordaunt—such, for example, as scenes in Penang and Singapore—but the book as a whole is unworthy of its creator.

A BOOK to be eagerly awaited is "Portraits and Appreciations," by Viscount d'Abernon. This, as the title indicates, is a collection of personal sketches of statesmen and artists and writers, many of whom were the intimate friends of Lord d'Abernon, who has known eleven Prime Ministers and puts in the front rank Lord Balfour, of whom he gives an admirable pen portrait. We also are given an arresting study of Lord Oxford, with all his great qualities and inherent weaknesses of character, he, apparently, like lesser folk, having a rooted objection to talking things over. "Colleagues and experts were occasionally invited to have a quiet talk with Henry," but history records no case of anyone having had it. The Prime Minister was busy; he had a headache; he had gone for a drive; anything rather than the ordeal of talking things over." So reprehensible, and so entirely human!

TO be added to the not inconsiderable list of really lifelike children's books is "Emil and the Detectives," now published in an excellent translation, and with the added attraction of an introduction by Mr. de la Mare. The young protagonist who tries so assiduously to be at all times a model is essentially a human boy, and the story of his remarkable adventures on his way to Berlin, the dire exploits of the man wearing a bowler hat, and the ramifications of exploits of the young detective gang, will be found priceless by children in England as well as Germany. The black and white drawings illustrating the volume are an added attraction.

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