

PUBLISHED WEEKLY

# THE RADIO RECORD

AND

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## HOME JOURNAL

Vol. IV., No. 52.

WELLINGTON, FRIDAY, JULY 10, 1931.

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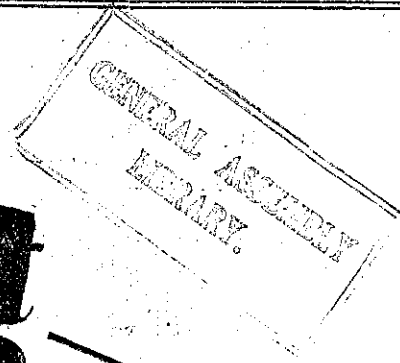
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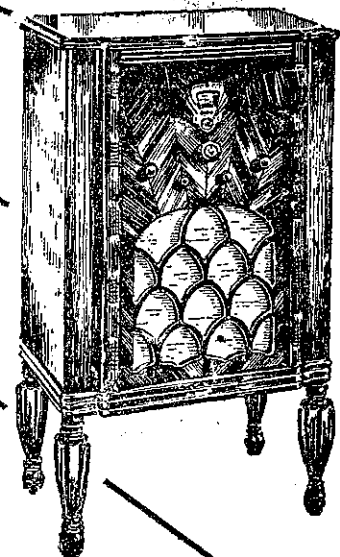
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Full power Dynamic Speaker; Tone Control; High degree of Sensitivity; Elimination of Hum; Beautiful Walnut Console; Amazing value and performance. Ask for demonstration.

MR. AXLESWORTH, president of the National Broadcasting Company of America, predicts that within three years radio television will bring grand opera into countless American homes.

THE superheterodyne is deemed the most suitable set for train reception by the Italian railway authorities, who have installed a receiver of this type on the Milan-Venice express. Excellent results have been achieved.

A SYSTEM of wired wireless has been installed on the Virginian railways to enable communication to be made between the front and rear of the long freight trains, many of which are a mile in length.

FIFTY metres during daylight and 35 during darkness are the wavelengths chosen for the recently-erected station for the League of Nations. An emergency channel on 18 metres is also provided for. World-wide reception of this station should be possible.

H. R.H. the Duke of York, who is the "wireless" member of the Royal Family, has recently completed the construction of a two-screen-grid receiver in his workshop at 145 Piccadilly, and uses it to receive the majority of the European broadcasting stations.

WHEN a Danish manufacturer of Diesel motors was recently given an urgent order from America for a



drawing of a Diesel motor part needed for a repair he sent the drawing to London, where it was transmitted via photo-radio to New York.

THE Budapest newspaper "Voice of the People" has started a campaign to lower the cost of wireless licenses, declaring that, judged on the basis of the working man's wage, the Hungarian license is the most expensive in the world. The annual fee is 24/-, or 2½ pengos per month.

IN Greece, broadcasting is prohibited, but the Government has indicated its intention of creating a broadcasting monopoly as soon as the necessary arrangements can be made. Reception is permitted under certain restrictions to Greek citizens, but is prohibited to foreigners.

WIRELESS and flying have added so much to the work of lawyers that New York University has decided to found an American Academy of Air Law, "designed to promote academic interest in the new jurisprudence of aviation and radio."

RADIO sets have been banished from the Eastern State Penitentiary, Philadelphia, U.S.A., following a discovery that the convicts were utilising them to receive messages in code explaining how narcotics would be smuggled into the prison.

A STARTLING report is published by an English contemporary to the effect that a famous Spanish humorist, Ramon Gomez, has been permitted to install a permanent microphone at his home linked up by land line to the

nearest broadcasting station. The innovation has been arranged "so that he can intervene at pleasure during the transmissions for the purpose of throwing in a joke."

IT is announced that Sir John Reith, director-general of the British Broadcasting Company, will shortly visit the United States. An English contemporary states that he is going primarily in response to an invitation to take part in an educational conference—a pleasing compliment to the British broadcasting service.

STATISTICS taken on April 30, 1931, show an increase of 12 per cent. in radio licenses in Germany over a period of twelve months, and it is now estimated that a quarter of the total population of the country are wireless enthusiasts.

DENMARK appears to be the latest country to become "pirate conscious." The police are co-operating with the Post Office authorities in a wholesale onslaught on the unlicensed fraternity. Delinquents are liable not only to a fine of from £2 to £26, but to the confiscation of all radio apparatus.

THE wireless amateur movement in Poland is growing rapidly, and a number of radio organisations have lately come into being. The importance of a knowledge of wireless in general, and of a wider appreciation of broadcasting in particular, is recognised. It has, therefore, been decided to foster this knowledge in the Polish youth, and, in order that their studies and experiments may be co-ordinated, arrangements are being made to found school radio clubs.

THE Soviet Government have definitely approved the construction of six new stations which are to serve the Far East. Some will be completed next year, and it is said they will be strong enough to be heard in India and Africa, and that they will broadcast chiefly programmes in Oriental languages.

A COMPANY has been formed in France with the title of "Television-Baird-Nathan." The objects of the company are to exploit the invention and patents of the Baird Television in France, Belgium, Luxembourg, and in the French and Belgian colonies. It is expected that as an outcome of the formation of this company further facilities for television experiments in these countries will shortly be available.

HOW microphone technique must differ with different types of instruments is the subject of lessons now included in the radio speaking course at Illinois University conducted by Prof. W. P. Sandford. The professor illustrates the technique necessary with the carbon "mike," and contrasts it with the methods required when a condenser microphone is used, the lecture being followed by speaking drill with both types. Professor Sandford insists on the maintenance of a relaxed throat so as to produce smooth, sustained tones when addressing the microphone. Abrupt and explosive utterances must be avoided, while breath control is required to sustain the tone.

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# America's Radio City

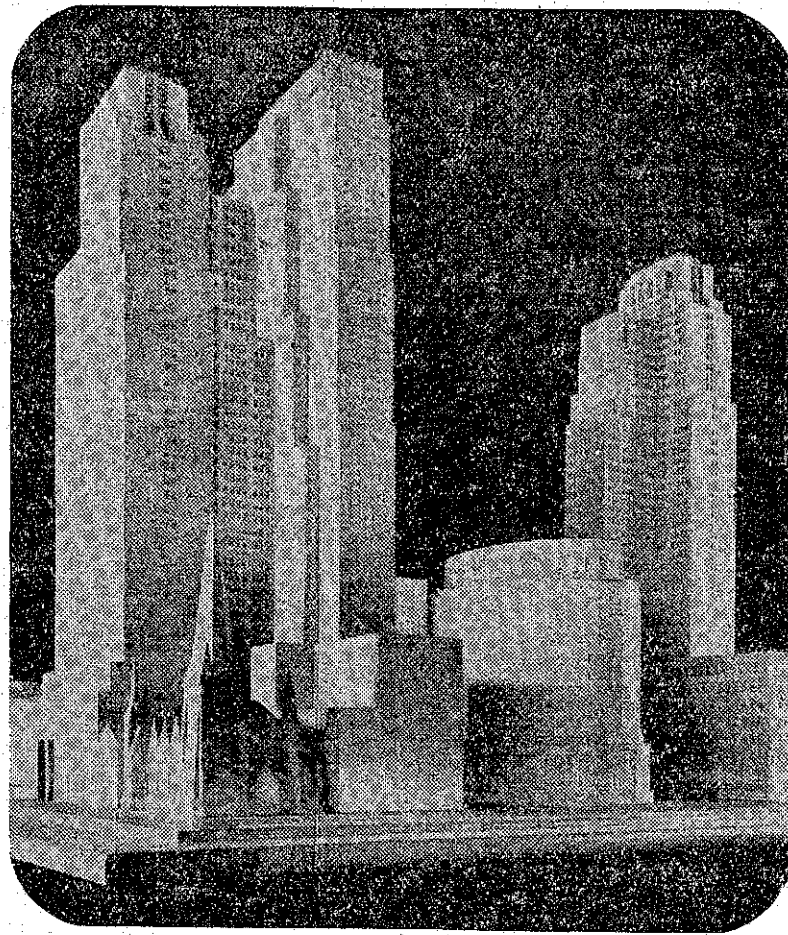
## Proposed Mammoth Block of Buildings Illustrates Important Place Radio is Taking in World Affairs

**P**ERHAPS no better illustration of the place radio is taking in world affairs could be given than by the fact that in the capitals of the three leading nations of the world—England, America and Germany—mammoth buildings, costing millions of pounds, to house the headquarters of the various controlling radio companies, have either just been completed or are under construction. The latest and most ambitious project yet announced is that of the proposed "Radio City" in New York.

Some idea of the vastness of the undertaking is given when it is known that the estimated cost of the project is roughly £50,000,000!

Perhaps the most curious feature of the design is that the lower 15 floors of the great central skyscraper will be entirely without windows. And yet this is not due to cramping. On the other hand, the individual buildings are to be so placed as not to cut off one another's light and air, and the proportion of window space in them will be considerably larger than in older structures. No—the oddity comes about in this way. The National Broadcasting Company is to occupy the lower 15 stories, and for its purposes the air in that section is to be "conditioned," as engineers call it. It will be heated in winter, cooled in summer, and at all times filled with the right amount of moisture. In summer the air will not simply be cooled. This, when there is much humidity in the air, results in clamminess. As the temperature is reduced, the moisture is precipitated and collects about a room as it would gather on a pitcher of iced water in warm air. To avoid clamminess, air will be driven through a spray of cold water, which will take out the excess moisture. It is calculated that from 1200 to 1500 tons of ice a day will be required to produce the cold spray.

The methods by which the studio of the National Broadcasting Company will be made soundproof are as spectacular as the way in which the air will be "reconditioned." There will be 27 of these studios, the smaller ones extending through two stories, and the larger ones through three. The reason for so many studios is not, of course, that they are needed for actual broadcasting in any single programme. But an immense amount of rehearsal is necessary, and it takes time



£50,000,000 Scheme.—A model of "Radio City," to be built in New York, as it will appear from Fifth Avenue. The central building will be 68 stories in height.

to fix up a studio for a given purpose. Walls and ceilings have to be draped so that the acoustics will be right for a particular performance. What in radio jargon is called "room score" is as important as musical score.

Of each studio it may almost be said that it will be one room floating in another. The inside room, or studio proper, will be suspended from the ceiling of the interior room by wires. In the space between the two rooms will be what the engineers call spring clips with rubber and felt insulation. Sound absorption will be equally good in the doors and windows—that is, interior windows. Doors will be leaden, two and a half inches thick. Windows will have triple panes of glass set in rubber.

**I**N addition to the generous provisions for light and air in the office buildings, special attention will be paid to heating. This involves more difficulties in tall buildings than the average person might imagine. A high building when heated becomes a veritable flue or chimney in cold weather. The hot air rises in the elevator shafts and cold draughts sift in through the windows of the lower floors to take its place. This action is likely to make the lower floors too

chilly at the same time that the upper ones are too warm.

A different plan will be adopted in the high offices of Radio City. There all the windows will have double weather strips, consisting of double rows of flexible zinc pushed together by the outside air, so that the greater pressure of the latter becomes the more difficulty there will be for it to get through.

So far as artificial lighting in the building goes, that will be left to the future judgment of illuminating engineers. For the present the builders will content themselves by putting in an abundance of electric ducts. It is expected that there may be a specially heavy demand for electricity in the quarters of the National Broadcasting Company, if television is taken up.

The important buildings of Radio City will be detached. This may surprise some who expected that they might be built, on each block at least, covering the space like a range of mountains with peaks and valleys. Instead, the buildings rise from (Concluded on page 2.)

## A Radio City

(Continued from page 1.)

the street level like buttes out of a south-western mesa. The reason for this may readily be appreciated when one considers the different purposes of the building. As a business proposition it seemed desirable to distribute the space between offices, stores and amusement houses, and each of these different purposes demanded different treatment. The only distinct attempt at continuity lies in the intention to preserve a single colour scheme.

## Notes and News from the North

(By "Call-Up.")

A SERIES of four talks under the direction of the Department of Health is to be given from 1YA, commencing on July 15, when Dr. Hughes will speak on "Health and the Citizen." The three subsequent talks will be as follows:—July 29, Dr. Wilkie, on "Personal Hygiene." August 12, Dr. Wilkie, on "Building Strong Children." August 26, Dr. Boyd, on "Health Examination."

LAST Saturday's programme by the Auckland Municipal Band, which was relayed by 1YA from the Town Hall, was most enjoyable, and was one of the best-balanced heard from the city bandsmen. The cornet duet, "The Nightingale and the Thrush," was a

very fine piece of playing. The one criticism, and that a small one, to be made of the programme is in regard to the xylophone solo. No doubt this was excellent, too, but it could hardly be heard, the inference being that the instrument was too far from the microphone.

IF Mr. Len Barnes, station director at 1YA, had no other achievement to his credit (and he has many) he would still deserve the highest praise for his work in forming and conducting the 1YA Broadcasting Choir, who have earned an enviable reputation under his able leadership. This choir has now celebrated its second birthday, and listeners to the Auckland station will undoubtedly join in wishing it "many happy returns."

IN addition to community singing, minstrel shows, old-time presentations, and carol recitals, the choir has presented the following important works:—"The Messiah" (Handel), "The Rebel Maid" (Montague Phillips), "St. John's Eve" (Cowen), "Messe Solenne" (Gounod), "May Queen" (Sterndale Bennett), "The Banner of St. George" (Elgar), and choral numbers from "The Bavarian Highlands" (Elgar). The choir has also presented a dramatised version of Longfellow's "Evangeline," and their latest success, Mendelssohn's "Hymn of Praise." Such a list of successes is surely enough to excuse the pride Mr. Barnes takes in his choir.

ON July 29 George Poore's Orchestra, a combination not previously heard over the air, will play from 1YA. This is a small orchestra of professional ex-

theatre players. They will play standard light music, one feature being a flute duet by Messrs. G. and F. Poore. The vocal side of this programme will be supplied by Madame Humphrey Steward's octet.

DISCUSSION is rife in Auckland radio circles concerning the enforced closing down of station 1ZQ, operated by Keith's Radio Shack. A peti-

### Peter Dawson from 4YA

Peter Dawson will speak from 4YA at 4 o'clock on Wednesday afternoon, July 15, and Mark Hambourg will broadcast during the concert session on Friday, July 17. A relay will also probably take place from the Rotary Club luncheon in the Somerset Lounge of the Savoy rooms, when both the famous artists will be guests.

tion is being prepared on behalf of the station for presentation to the Postmaster-General.

STATION 1ZR is to form its own choir and is now receiving applications for this. The choir is to consist of twenty male voices, under the direction of Mr. Walter Impett. It is expected to be on the air in the near future.

NEW artists to be heard from 1YA shortly include Hilda Torckler, contralto, and George Passeeck, accordion soloist, both of whom will make their initial appearance before the microphone on July 31. On August 1 another new artist, Mrs. G. T. Brian,

will be heard in popular songs at the piano.

THE Orpheus Musical Club, which is composed entirely of members of the staff of a large Auckland company, will broadcast a concert on July 30. Among light classical numbers to be played by the orchestra is "Tunelandia," a new medley which has not previously been played in New Zealand. There will also be vocal, humorous, and instrumental solo items.

MR. C. FLEMING, whose travelling radio van is well known in the Auckland province, reports very good business from the Waikato, where he has been travelling recently. Evidently not all the farmers are feeling the depression acutely.

### Radio Talks from 1YA

ARRANGEMENTS have been made for a series of talks on radio to be given from 1YA. Members of the New Zealand Association of Radio Transmitters being the speakers. The first talk will be given on July 18, and others will follow at fortnightly periods. The talks scheduled are:—

July 18: "The Principles of Radio," by Mr. H. A. Boyd (ZL1CH).

August 1: "Valves and their Uses," by Mr. J. R. Turnbull (ZL1B1).

August 15: "The Progress of Television," by Mr. H. B. Archer, Sec. N.Z.A.R.T. (ZL1AN).

August 29: "Direction Finding and Auto Alarm" (as aids to navigation), by Mr. R. Beazley (ZL1BB).

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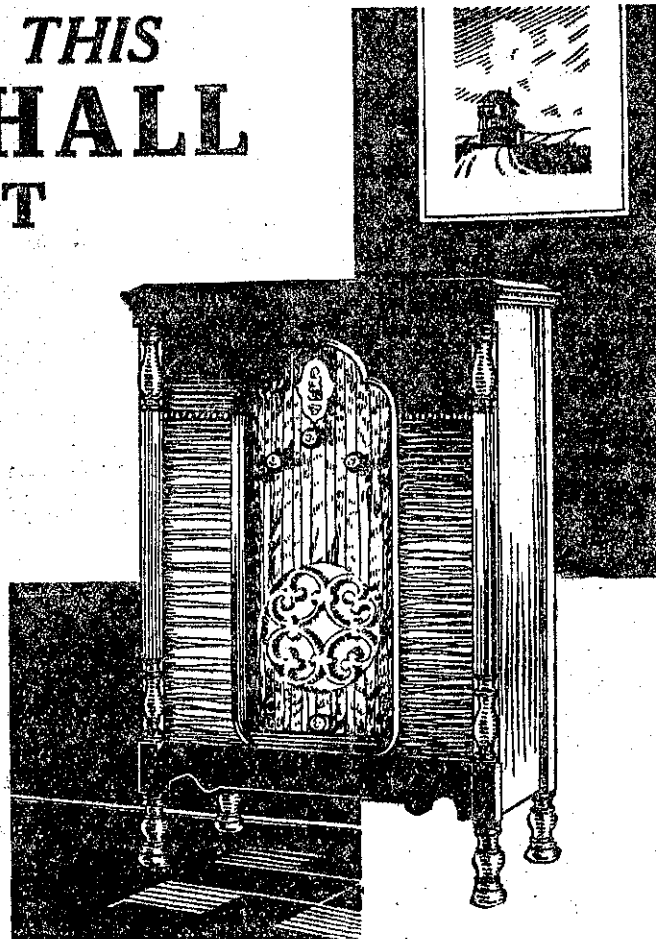
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# What the Company Has Done

## Development of Broadcasting in New Zealand.



Listeners in the near future will be concerned with the decision of Parliament upon the future administration of the broadcasting service. It will be timely to review concisely the course of events in the past five or six years, particularly the activities of the company in bringing the broadcasting service to its present state of—not perfection, for that word is an impossible one in the broadcasting field, but at any rate of relative efficiency.

It was in August of 1925 that the Government entrusted the Radio Broadcasting Company of New Zealand Ltd., which had been formed in quick time to undertake the responsibilities of the service, with the powers of establishing and building up a broadcast system suitable for the needs of the Dominion. The subject was a new one, but fortunately officers of the Post and Telegraph Department and responsible politicians had devoted to it a certain amount of investigation and thought. They had the advantage of a certain amount of experience in other countries, and could in a measure forecast the probable requirements of the Dominion in this field. By that time the British Broadcasting Corporation had been established, and it was decided in the main to make the British system a model for New Zealand, although the detailed administration of the service was to be entrusted, not to a Government corporation but to a private company. This was a sound decision in the state of our national development, for it has enabled a national broadcasting system to be established and carried out to the satisfaction of the great majority of listeners on sound financial lines, all without cost or liability to the State.

### Some Actual Facts.

IN summary, the company has established and maintained broadcasting stations, including studios, with necessary plant and equipment embodying the very latest improvements, at the four main centres. It is well known that the station at Wellington was given power ten times that called for in the contract from the Government, this being provided to cope with any national emergency and to give daylight range of the whole Dominion.

In the second place, the company has given approximately four times the daily hours provided for under its original contract.

The character of the service given has encouraged the number of licensed listeners to grow from approximately 3000 to over 60,000.

After operating the service for some four years and studying the actual conditions as they obtained in New Zealand, the company could see that further development was necessary to give listeners all over the country the fullest possible efficiency. Technical investigation showed it that it was necessary to increase the efficiency of broadcast coverage and enable listeners in the country districts to obtain

a service equal to that already enjoyed by listeners adjacent to the main stations.

That scheme was submitted to the Government, but no action was taken upon it. It is still before the Government, but would seem to have been made the basis of the alternative scheme said to be in contemplation by the Government.

### Programmes.

WHEN the company began operations the recording of gramophone music was not as efficient as it is now. It was therefore laid down in the original contract that a limited amount of

gramophone records should be used. It was thus incumbent upon the Broadcasting Company to exploit and develop to the fullest possible extent local musical and elocutionary talent. In the early stages the Broadcasting Company was condemned for using records. To-day it is condemned for not using them sufficiently. Realising its responsibility to develop local talent, the company sought assiduously for talented performers. Over 40,000 individual contracts with artists have been completed since the inception of the system without a single case of misunderstanding.

In addition to the service of developing local talent, the company has brought to the ears of listeners the world's leading artists by means of recorded performances.

In recent months the company has made available special recorded features selected from programmes broadcast in other countries, thus giving New Zealand listeners a diversity of entertainment that they could not obtain by any other means. In this field the company has kept fully in touch with modern developments.

There has also been given regular broadcasts of interesting and educational lectures by highly-qualified speakers; daily news is fully covered; market reports and descriptions of sporting events are not neglected.

Finally, in the service of its programme, it has assembled a musical library, comprising 16,000 items, many of which are unprocureable otherwise in New Zealand.

### Public Service and Relations.

NO opportunity has been lost of broadcasting events of local, national and Imperial significance by means of relays and rebroadcasts. The company has freely co-operated with all local organisations in aiding the propagation of anything in the public welfare.

A particularly useful bond of association with the public has been forged by the appointment of 32 official listeners, and the establishment of 14 public committees, which bring to the service of broadcasting the specialised knowledge of 146 leading citizens, representative of a wide range of listeners' interests. These committees make recommendations to the company with regard to—

- (a) Entertainment, music, drama and sport.
- (b) Church services and broadcasts of a religious nature.
- (c) Children's work.
- (d) Service to primary producers.

Finally, the company has scrupulously safeguarded the political, sectarian, moral and social aspirations and susceptibilities of the listening public. It has done a very great deal to further all social interests.

Whatever may be the decision for the future governance of broadcasting, the company can have the satisfaction of knowing that it pioneered the broadcasting service in New Zealand; that it laid the foundations of the service broadly and soundly; that it faithfully carried out all the conditions of its contract—giving, in fact, much more than was required of it in practically every field; in short, that it blazed the trail courageously and well, quietly solving many problems, of the existence of which some, ever ready to complain, were not even aware.

## The Chamber Music Trio



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

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

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

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

WELLINGTON, FRIDAY, JULY 10, 1931.

### THE CONTROL OF THE BROADCASTING SYSTEM

THE Postmaster-General by now must be thoroughly well convinced that the Dominion does not want the broadcasting system to be placed under Government control. When the Minister first mooted this idea some twelve months ago he was promptly told by Parliament that it desired to have a say in the matter, and the Minister was constrained to promise that, before taking action, he would prepare his scheme in detail and submit it to Parliament. That promise may be expected to be fulfilled in the comparatively near future. It will be interesting to see what scheme is finally evolved. The Minister has been given the privilege of a long period of incubation, and listeners will await the production of the completed scheme with definite interest. Listeners, the Press, Chambers of Commerce, and finally dealers have allied themselves in opposition to the idea of Government control. The main speaker of the Dealers' deputation told the Minister that their opinion was that the administration of the service by a Government Department was not feasible through "lack of flexibility and the danger that the whole thing would be tied up with red tape and officialdom." Also, it was thought that the Minister in charge would be subjected to pressure and influence. This was straight talking, and could not have been pleasant hearing to the Minister and his Departmental officers. Although it was not mentioned, the deputation had before it the example of the Railways and the measures that have been necessary to remove the administration of that service from the demerits of political influence.

IT was admitted that the dealers had experienced much difficulty in reaching a decision as to the ideal scheme for the control of broadcasting. The motion advanced proposed that a Board should be established to consist of not more than five members, this Board to be representative of the Government, the dealers and the listeners, final appointment being in the hands of the Government. It was stressed that this Board should be entirely removed from political control. That objective is very desirable, but we fail to see how once the Government finds the necessary cash for the establishment of the business and

appoints the personnel of the Board, it can then be expected to completely step aside and disassociate itself from influence. The Board as proposed is really only one step removed from pure politics. This the deputation recognised, as evidenced by the emphasis laid upon the necessity for removing the administration of the Board from political influence.

THE claim was made by one speaker that the motion submitted to the Minister had "the unanimous backing of the trade in New Zealand." Our information is at variance with this claim. We are informed that at Auckland in a meeting of nine the motion was carried by a bare majority. In Wellington the minutes of the Association show that in a meeting of 8, 7 voted on the resolution, 4 being in favour and 3 against. We publish in another column a letter from a prominent radio dealer definitely denying that the resolution had the "unanimous backing of the radio trade in New Zealand," or that, as the Minister affirmed in his reply, "it represented 95 per cent. of the capital invested in the radio trade." In the face of this evidence the claim made by the spokesman of the deputation is very seriously discounted.

SOME members of the deputation also arrogated to themselves the right to speak for listeners. To a question from the Minister as to the feeling of listeners, Mr. Nimmo, with a modesty for which perhaps no one who knows him will blame him, said that he was in a better position to answer than anyone in the room. He had seen certain correspondence, and was prepared to assert that "the listeners were overwhelmingly in favour of a change." We are informed that a similar question was addressed to other members of the deputation, but they declined to take the responsibility for venturing to assert what the feelings of listeners were on the matter. In this they were wise. Against the confident opinion expressed by Mr. Nimmo as to the views of listeners may be set the considered opinion of a responsible society of real listeners, viz., the Taranaki Radio Society's decision of the week preceding. In a full-dress debate on the control of the broadcasting system, this Society passed a resolution condemning Government control, and urging that the contract with the present operating company be extended for a period and the matter further investigated. That attitude is more entitled to weight as representing the views of listeners than the assumptions of Mr. Nimmo upon the limited evidence available to him.

THE truth is that no one is in a position to assert what the views of listeners are upon this subject. Opinion only can be expressed in line with the experience of the individual making the statement. The people who are primarily concerned in the issue are listeners themselves. If any change in administration is contemplated they should be able to express their views upon the respective merits of the schemes to be advanced. Listeners have had some six years' experience of the Company's administration. Before they are asked to place themselves unreservedly at the mercy of a new authority, they should be entitled to express their views upon the prospect before them. The right course in our view would be for the Minister to finalise his scheme as quickly as possible, and submit it to Parliament and listeners. In face of mere assertions from this person or that person, a definite plebiscite should be taken of listeners themselves. On the one hand they know what they have had and can have by adequate development, on the other, they should be told what they are going to have, and allowed to make a definite choice. Such a plebiscite could easily be arranged, and would set at rest the arguments that now exist.

### THE ADVERTISING MENACE.

IN another column we publish a number of letters from listeners dealing with the question of advertising and "B" class stations. These listeners are quite entitled to express their views, and we freely give them the hospitality of our columns. It might be timely to make quite clear our attitude to the "B" class stations. We have no antagonism toward them whatsoever, but we have felt it to be our duty to point out to listeners exactly what is involved in the establishment of a "B" class system on certain lines. As far back as January last we wrote as follows: "At times we have felt called upon to oppose phases of the development of the 'B' class movement. This was because of the fear, for which there was justification in views occasionally expressed, that demand sooner or later would be made by 'B' class stations for some share of the revenue provided by listeners for

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the upkeep of the 'YA' stations. We opposed that view because the practice, in our opinion, definitely would cripple our broadcasting system. New Zealand is relatively a small country, and is unable as yet to afford the luxury of unnecessary duplication of broadcasting stations. Apart from that viewpoint, however, we do appreciate the fact that . . . 'B' class stations, particularly in provincial centres, do render a service to their area." [Whether that service could be better rendered by an adequate relay service is another question.]

IT will be remembered that subsequent to that date the suggestion was advanced that definite aid should be given to the "B" class stations either by the Government or from the funds of listeners. Our misgivings were thus justified. It has also been apparent that the proprietors of "B" class stations, in order to derive revenue for the conduct of their stations, would seek to sell advertising time. Permission to that end was steadily sought from the Postmaster-General. As steadily it was refused, till quite recently, when permission was given, under restrictions, to allow sponsored programmes to be given. Some listeners have asked where is the harm in that? Our reply is: The experience of other countries shows it does not stop there. That is the system that America has tried. She found that the advertiser was not content merely with the sponsoring of a programme. He became more and more insistent upon receiving definite value for his money expenditure. The result has been that in America the position developed that radio advertising became likely "to kill the goose that laid the golden egg." Perusal of trade papers in America shows that it has become a recognised thing for the listener to say: "Oh, I don't listen any longer because of this advertising." So sound a journal as "The Christian Science Monitor" took up the subject and instituted a definite campaign in favour of the licensing of listeners, and so providing a revenue for maintaining a service apart from advertising revenue.

IT is the part of wisdom to be guided by the experience of others. It has been claimed that we could take the benefits of the sponsored programme system and avoid the pitfalls. We are sceptical on that point. We quite appreciate the desirability from the listeners' point of view of having alternative programmes, and a debt of gratitude is due to many "B" class stations for their services in that direction. Our whole point, however, is this, that listeners shall not have imperilled the independent basis of the broadcasting service as laid down in New Zealand by the inception of an advertising policy without at least being warned of the evil and the danger. We consider it our duty to give that warning. If listeners still want advertising, the remedy is in their own hands. Certainly the proprietors of the "B" class stations desire advertising or "sponsored" revenue, and it is noteworthy that the deputation to the Postmaster-General with which we deal in another column made no mention of the future of "B" class stations. They, equally with "A" class stations, must be considered in connection with any comprehensive national broadcasting scheme and the lines made clear upon which they shall work.

## "The Sultan of Ju-Ju Land"

### Novel Broadcast Entertainment

AN entertainment with many novel features, sparkling with fun and humour, will be produced in 4YA Studio on Saturday, July 18, and broadcast by 4YA and 3YA. It is entitled "The Sultan of Ju-Ju Land," and has been arranged by Mr. W. B. Lambert, who has had much experience in this direction, and produced under his control.

The scene is laid in an Arabian market. Around the story of the Sultan, whose quest for health sent his courtiers far and wide in search of the world's happiest man, is built an evening's revue that provides scope for

some of the leading talent of Dunedin. The setting is a picturesque one. The bewitching music of the Eastern markets, the tinkle of camel bells, the atmosphere of a desert court and the call to worship from the muezzin in the minaret—all this will be wafted across the air, together with beautiful Eastern ballets and catchy choruses.

### Christchurch Lyric Four

THE "Christchurch Lyric Four," which for several years was regarded as one of the leading male quartets of the Dominion, but which ceased its activities a couple of years ago, has now been re-formed by its promoter and leader, Mr. H. Blakeley. 3YA and 4YA listeners will be afforded the opportunity of hearing the "New Lyric Four" on Sunday night, August 2, when choice numbers from a very large repertoire will be given. The personnel has been changed.

# License Renewals

## Again Over 50,000

A RETURN from the Post and Telegraph Department shows that the licenses now total 54,000 odd. It will be recalled that when the licensing year expired on March 31 there were 64,334 licensed sets. At the end of April 46,875 had renewed, but now 10,504 more people have taken out licenses, and the total now stands at 54,335, just 10,000 behind the maximum figures last year. The following table sets out the detailed numbers:—

DISTRICT.	Receiving	Dealers'	CLASS.		Free.
			Trans- mitting and Receiving	Experi- mental and Special	
Auckland .....	16,090	227	81	—	87
Canterbury .....	8,915	152	72	1	41
Otago .....	6,478	117	37	1	28
Wellington .....	21,547	301	113	3	44
	53,030	797	303	5	200
TOTAL: 54,335.					

### 4YA Children's Session Committee

AT a meeting of the 4YA Children's Session Committee, held on Thursday, June 18, there were present Mr. A. R. O'Donoghue, Station Manager, presiding, Misses L. McIntyre (League of Nations Union), Coe-Smith (S.P. W.C.), M. Telfer (Presbyterian Social Service), Hindle (Y.W.C.A.), Brother O'Sullivan (Christian Brothers' School), Pastor W. D. More (Children's Organiser).

The organiser reported on the great success of the music talks given by Mr. J. Crossley Clitheroe. It was reported that preparations were being made for a broadcast from the museum.

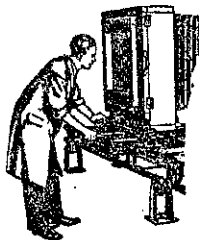
Visitors to the sessions for the ensuing month were appointed: Miss P. Hindle, Miss Smith, Mr. Williamson, and Father O'Sullivan. The organiser

reported that he had in view the installing of radio receiving apparatus in the General Hospital and that already donations totalling nearly £500 were promised. The cost of the installation would be between £2000 and £3000. Pastor More stated that the medical superintendent of the Fever Hospital, which was wired last year, now said that though he had at the time agreed with some diffidence, he was astounded at the difference it had made to the patients—it actually was a great help toward quick recovery, as the children were kept from brooding and made interested.

### "Elijah" from 3YA

THE soloists for the performance of the oratorio "Elijah" by the Christchurch Royal Choral Society will be Winnie Fraser (soprano), Freeman Brown (contralto), C. R. Williamson (tenor) and C. Clarkson (bass).

## APPEARANCES DO COUNT IN A RADIO SET



Let us Solve Your  
Illustration Problems.

MR. BROWN wants a new radio set. What is one of the first things he does? He reads the radio advertisements, writes for catalogues and studies the pictures of the different models. A good picture will frequently determine his choice, as a set that "looks better" in print sells easier—a radio dealer sells his goods by "selling" his picture.

"The Dominion" Process Engraving Department is noted throughout New Zealand for the unusually high quality of its illustration blocks. If you want your product effectively illustrated you must have "Dominion" blocks.

**The Dominion**  
PROCESS ENGRAVING DEPARTMENT,  
WELLINGTON.  
DAY AND NIGHT SERVICE.

# Dealers Want a Radio Board

## Deputation Presents Views to Postmaster-General

**I**N outlining the views of the deputation, Mr. C. J. Ralph, speaking as chairman of the Central Executive, said that the question of broadcasting had been exercising the minds of an increasing number of people in New Zealand for some years. Interest in the subject had increased lately, as the system of control to be adopted when the company's lease ran out at the end of the year had soon to be decided. The trade section of radio had attained large proportions, and the revenue from this source had reached something approaching £10,000. A great deal of capital had been invested in the industry, and the traders were naturally very vitally interested in any radical changes in the method of control.

Radio had become a public utility and had to be looked at from a national standpoint. The resolution which he would place before the Minister had the unanimous backing of the radio trade in New Zealand. He wished to

THE viewpoint that the radio service of the Dominion should be placed under the control of a corporation of not more than five members, appointed by the Government, but entirely removed from political control, with representation of listeners, the trade and the Government, was placed before the Postmaster-General on Tuesday last by a deputation of radio dealers. The Minister, in thanking the deputation for the expression of its views, said that the matter was before Cabinet for final consideration, and so could not yet be discussed by him. He, however, expressed the opinion that the service should belong to the people, and they should have a voice in its control.

emphasise that it had been carefully thought out and discussed from all angles. The resolution was as follows:—

"On behalf of the radio dealers of New Zealand affiliated to the New Zealand Electrical Federation we submit that the national system—apart from the B Class station system—of radio broadcasting should be regarded as a public monopoly; that on the expiration of the licence of

the Radio Broadcasting Company of New Zealand, Limited, control should be vested in a corporation not exceeding five members, including the chairman, and appointed by the Government, but entirely removed from political control; that the secretary of this body shall be a registered public accountant, entirely under the direction of the corporation and not a Public Servant, and that the radio trade and listeners shall have representation on the cor-

poration. Further, that the dealers nominate three representatives to the Government for selection."

Mr. Ralph asked whether the Minister could elaborate on the views which he had already put before the public.

The Minister replied that he was sorry he could not do so. Parliament might think he was usurping their authority.

Mr. Ralph said that he hoped that when the proposals were in a more concrete form it would be possible to submit them to the trade to look over before being finally adopted.

### B.B.C. Suggested as Model.

MR. R. H. NIMMO said that the service given by the Broadcasting Company had been inadequate, particularly as regards the requirements of dealers and demonstrators. Even now Wellington was the only centre receiving the service to which it was entitled, and there was no guarantee that this would continue. He claimed that a public utility such as broadcasting should not be entrusted to a private company conducted for the profit of its shareholders, but should be regarded as a public monopoly. The radio dealers considered that the nearest practicable approach to the ideal system was something on the lines of the British Broadcasting Corporation, and strict precautions should be taken to prevent any form of political control. Broadcasting did not lend itself to administration by a Government department, which had not sufficient flexibility. The proposed corporation would encounter no financial difficulty, as an ample revenue from listeners' fees was assured.

Although radio dealers had difficulty in deciding on the ideal system, they finally thought the most desirable of all feasible schemes would be one embodying four main features, viz:—

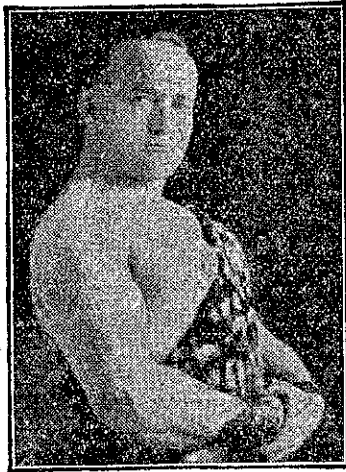
- (a) Public ownership and monopoly.
- (b) Direction by a corporation entirely removed from political control.
- (c) The radio trade and the listeners, to have representation on the corporation.
- (d) All property to be vested in the corporation and all surpluses to be used for the betterment of the services.

### Non-political Control.

THE resolution which had been handed to the Minister had amplified these points in certain respects. The trade was definitely of the opinion that administration of the services by a Government Department was not feasible—there was a lack of flexibility and a danger that the whole thing would be tied up with red tape and officialdom. Also, the Minister in charge of the Department would no doubt be subject to pressure in favour of certain localities, particular artists, etc., and this pressure he would find it difficult to withstand.

Another thing which the dealers considered a sine qua non was that the

(Concluded on page 80.)



BE A. BRITON

## 500 Books on Strength to be Given FREE!

To all readers of "Radio Record"

This astounding offer is for one month only. If you really want to discover for yourself just how to acquire abounding health, super-strength, and a muscular body—then Here and Now is your opportunity. Now is the chance you must not miss. Post the Coupon below this minute before you forget, and get this wonderful book by return post!

**ALFRED J. BRITON**

Dept. R.R.

107 PITT STREET,  
SYDNEY, N.S.W.

## Your Muscles Gain Amazing Power!

Almost Overnight---You are a Changed Man!

NOW You May Double and Treble Your Muscular Power, Your Vitality and Endurance Simply and Easily.

An astounding discovery has been made! Almost IMMEDIATELY it gives you a tremendous new strength, fills your body with new pep and vitality, invigorates every organ in your body! You experience a wonderful new sense of buoyant health; your whole system seems flooded with dynamic energy; you feel ready to whip your weight in wildcats.

You will be amazed at the new POWER in your muscles. You will find yourself doing feats of strength you never before thought possible. There will be new life in your muscles—you will have that lightning-like agility that perfect co-ordination of mind and muscle that makes CHAMPIONS. You know that a gorilla has the strength of TEN men.

### WHAT IS THE SECRET?

WHAT is it that gives wild animals their amazing vitality and power? What is it that makes some men veritable dynamos of energy, bubbling over with health and pep, while others drag through life half-alive?

At last Science has found the answer. Science has discovered the very key to super-strength, super-health, super-vitality. They are yours for the asking! You can charge your body with amazing new powers. You can become a man of iron.

### CONVINCE YOURSELVES WITHOUT RISK

THE results of taking this new treatment are so amazing that you cannot believe them possible until you have tried it for yourself. You don't risk a penny. Just send the coupon below and judge for yourself. Your money back if you don't feel like a new man in 30 days.

Watch your muscles become gorilla muscles. Watch your complexion brighten, your eyes sparkle and a new vitality sing through you. Mail the coupon NOW!

### RIP THIS OUT—MAIL NOW!

ALFRED J. BRITON

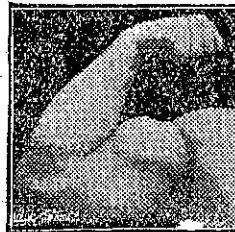
Dept. R.R., 107 Pitt Street, Sydney, N.S.W.

IT Dear Sir,—Please send me, absolutely FREE and without any obligation on my part whatsoever, a copy of your latest book, "The Secrets of Muscular Strength—And How To Acquire It." I enclose 2d. in stamps for postage.

NAME.....

FULL ADDRESS.....

(Please Write or Print Very Plainly.)



10/7/31



## No Advertisements by Request.

I WAS astounded to hear the Postmaster-General's statement that he would permit a B station to allow the name of a firm sponsoring a programme to be announced before and after such programme is broadcast. This is the thin end of the wedge.

Traders dealing in radio who desire to run a B class station are justly entitled to announce at reasonable intervals that "this is station — broadcasting from the business premises of Messrs. Mick Doolan and Company, Bunker Street, Wellington." No exception can be taken to that. Where the trouble starts is with sponsored programmes.

Any radio dealer who feels it is worth while running a station will, of course, do so, if he can meet the annual expenditure involved. It is the pollution of the air with advertising matter that we want to prevent. I believe that sponsored programmes would do more harm than good to any radio dealer, and particularly to the firm supplying sponsored programmes. From an advertising point of view, radio is not the attractive channel for tapping the public that the average man might think. Many factors have to be taken into account, the psychology of human nature being the cardinal feature. What might tickle the ear of one person might offend the feelings of hundreds of others.

If one advertises in a newspaper, a reader does not become incensed. He can read or leave it; and, if need be, refer several times over to that advertisement.

To mix music, song, and verse, drama, opera, sketches, etc., with even some direct advertising "over the air" will not be relished by the average listener.

I have taken a very keen interest in publicity during, roughly, 30 years, and been connected with some huge publicity campaigns for business purposes. I have also studied the psychology of publicity, and can safely say advertising "over the air" is not good policy. Everyone in Wellington knows perfectly well that — are prominent boot people, but they won't buy more boots because of the radio publicity. Radio, if anything, will tend to reduce the status of that firm.

The trouble is, many business men in control of their individual advertising expenditure have not had time or inclination to study publicity; and perforce must leave that work to others with an expert knowledge of the peculiarities surrounding the question of publicity, and dangers facing the advertiser. Music soothes, but talking annoys many. Talking at length is most unnerving and very tiring, and is the cause of many a breakdown in health. Listening to music will seldom, if ever, kill anyone. Listening to advertising over the air would in time irritate and wreck the nervous system. By all means let's have plenty of good music, but not advertisements, over the air.—R. Leslie Jones.

## Satisfied!

I HAVE been a listener and a reader of your excellent journal for some eighteen months. I have read with utter

Use Our Booking Offices in Advance

S-O-S

TRAVEL IN COMFORT BY  
CAR

WELLINGTON — PALMERSTON  
NEW PLYMOUTH



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

amazement and disgust very many criticisms during that period, thus feel I should like to express the views of one who thoroughly appreciates the extraordinary value one is receiving in return for 30/- per annum. I consider the Radio Broadcasting Company is deserving of the highest praise for the entertainment it provides; it caters to every possible taste, it supplies a wonderful dinner hour session of the best type of music, and I often wonder if the critics have ever The children's hour, the "foxtrots" I detect them personally, but realise others desire such music. The trouble taken to

ing stations are solely dependent on advertising for their upkeep. The YA stations in New Zealand have no need to have recourse to advertising, as they receive the whole of the license fees collected, less a small percentage to the Government, and this outburst against the B stations appears to me to savour of selfishness.

In any case if some listeners find the B programmes objectionable why listen to them? There does not appear to be any reason why these listeners, a very small but noisy minority I fear, cannot keep

## "The Sultan of Ju-ju Land"

—a comedy to be broadcast from  
3 and 4YA on July 11.

relay multifarious concerts and events, all these and other benefits too numerous to mention for 30/- per year. paused to estimate what the cost must be of the hundreds of records used for this purpose.

My wife and I are extremely fond of male part singing and cannot speak too highly of the items provided by the Melodie Four from 2YA. The balance, light and shade, enunciation, etc., are equal to, if not better than, anything of the kind in the Dominion.

In conclusion, we, in common with thousands of other listeners, are very grateful for all that the Broadcasting Company has done, and is continuing to do, for us.—C. G. Bryan King, Timaru.

## Advertising Approved.

WHY all this fuss about advertising over the air? To my mind the Minister has made a very worthy concession to B stations by allowing them to broadcast sponsored programmes, and I for one cannot find anything objectionable in the matter. So long as the Minister does not extend, and his responsible officers see that B stations do not exceed, the limits as at present laid down I conceive that any objections will be in the nature of cavilling.

Instead of being impressed I was somewhat amused at a letter in this week's issue over the nom de guerre "Music." When referring to broadcasting in the United States of America he has surely forgotten to mention that listeners in that country do not pay any annual license fee, and therefore the broadcast-

I tuned in to the first band concert I heard on the air, and it was the Garrison Band, and as an old member of this band I was all ears to hear them. The reception was perfect, no static, and very little fading, so that I was able to hear the selection of "Iolanthe" with ease, and enjoyed it very much. The trio by the Bridges family was a treat.

To 2YA I say: Let's hear more of this band. You have many Sunday nights on which the Garrison could give a recital, and I'm sure they would only be too pleased to be on the air again and give them plenty of notice, as I want a line from them beforehand.

I have written them, telling them how much I enjoyed their concert, and to try for the air again, so I hope they are successful.

I heard you again to-night in Scotch numbers, and, not being Scotch (except when drinking) I dialed for a band concert, and got the military band from 3LO, and am enjoying it now.—Leigh P. Halle, late Australian Commonwealth Band, Wanganui Garrison Band.

## Not Overcome.

YOUR editorial with regard to the Wellington station's activities re sponsored programmes and advertising prompts the following remarks from a listener's point of view. Firstly, may I state that I have listened to 2ZW's transmissions since their opening night, and I cannot say that I have been overcome with advertising matter from it. I have not heard them recommend any firm's goods either directly or indirectly. The mere fact that a business firm has sponsored a programme does not affect my pleasure or otherwise in that programme. Surely when 2YA announces a programme, "By courtesy of the Bristol Piano Co.," or the talks on "Cooking by Gas," etc., these are just as liable to be stigmatised as advertising matter, as anything 2ZW puts over. Your informants who "closed their sets down" rather than listen to this station's programmes seem to me to be of the type who would "cut off their nose to spite their face."—Daniel McLaughlin.

## A Question of Orchestras.

AFTER reading Mr. J. F. Knight's comment in the "Record" of June 12, I would like also to say something on the subject of the 2YA orchestras. Mr. Knight is quite at liberty to have his own opinion and call a spade a pitchfork if he wishes, but he cannot tell the world that nonsense and get away with it. I know most of the musical folk in New Zealand, particularly in Auckland and Wellington, but cannot recollect having heard of Mr. Knight as a musical critic. He certainly takes a false step when he says that good classical standard music should not be played by a small combination. Allow me, sir, to state that there is a wealth of good standard classical works specially arranged for small orchestras by world-famed celebrities, and when these works are played by a combination of eleven first-class instrumentalists, of which, I understand, the Orchestrina is composed it is a pleasure to listen to them. We look forward to Monday evenings' programmes for that very reason. The conductor of the Orchestrina is too well known as a musician, and he does not need anyone to advise him in his profession. (One might as well tell King of the Smiths how to fly.) Therefore give him and his talented instrumentalists the credit which they richly deserve. Per (Concluded on page 10.)

tuned in to the YA stations.—A Change is as Good as a Rest.

## What is Wrong?

YOUR paper has been kicking up a terrible song and dance lately about advertising over the air, but did it ever strike you that the readers of "The Record" could get just as tired of reading about it as they could of hearing advertisements over the air? Then again, what is wrong with advertising? The best set in this country will not pick up more than one station at once, and if the "A" stations don't advertise, and a listener does not want to hear, he can tune to them. If he wants to listen to "B" stations, let him put up with what they give him—we do that with the "A" stations anyhow—he does not contribute anything to their upkeep.—L.C.A.

## Band Music Desired.

ALLOW me to congratulate, through your journal, firstly station 2YA for the broadcast, and secondly the Garrison Band, Wanganui, on their splendid concert on Thursday, May 28. By luck

**Pulmonas**  
PASTILLES  
for  
COUGHS and COLDS

## The Other Point of View

BY permission of the correspondent, I publish a letter recently received from one of the two gentlemen who so strongly resented my criticism of their efforts. This, I consider only fair.

"In connection with the trouble over 'Critic's' anonymous criticism of the voluntary lectures given at the YA stations, I would like to suggest that in his references to the complaints he has entirely missed the point, probably intentionally.

"I have been closely connected with the talks for the 'Man on the Land' from 4YA, and can honestly say that not one of the lecturers objects to criticism by 'Critic' or anyone else. What they do object to is having such criticism, often inaccurate and given without regard to circumstances, published all over the country in such a way that they cannot reply. It must be remembered that public servants are not permitted even to reply to such attacks and, when such are made anonymously, it can only be described as hitting below the belt.

"If 'Critic's' real aim was to improve the quality of the talks, and not to pander to that quite common type which will read anything and gloat over it provided it is sufficiently critical, he would have served his purpose infinitely better by addressing a private and confidential criticism to the person concerned. He forgets also, I think, that a talk for farmers should be judged from the farmer's point of view, not from the entertainment aspect. It would be interesting if you would find space for some of the eulogies received from farmers concerning some of the talks.

"I understand that 'Critic' regrets that he is not permitted to publish the names of the 'thin-skinned' members of the honorary lecturing corps. I give you permission to publish my name in this connection, provided, of course, that you publish my reasons for objecting to his criticism. 'The Voice of Michael,' with the brake applied by editor, is doing a service to radio; previously it was doing a real dis-service by threatening to deprive listeners of many valuable lectures.—I am, etc., L. W. McCaskill."

## The VOICE of MICHAEL By "CRITIC"

THE letter requires no comment, excepting that I should like to correct Mr. McCaskill in quoting me as expressing regret at my inability to publish the names of the offended parties. My only reference was . . . "in deference to those sensitive souls, who shall be nameless, I shall for the future comment more upon the matter than upon the man." I would also like it to be clearly understood that the reference to "the thin-skinned members of the honorary lecturing corps" is quoted from a listener's letter published a fortnight ago.

In view of all that has happened, I have re-read the offending paragraph just recently. It is that given under the title "Farmer Brown and Fertilisers," and appeared in my notes of May 22. Honestly, I think that a veritable storm in a teacup has been raised! There is at least as much praise as condemnation in my comments, and even the "medicine" was administered in very mild form! In fact, giving a cursory glance over my notes to date, I find (to my own astonishment, let me say) that well over 80 per cent. of the speakers whom I have passed under review have received very favourable comment at my hands—or should I say pen?

## "What Music Means"

SOME interesting thoughts on the subject of music and what it means were expressed by Mr. Tayler, who gave a lecture recital from 2YA on Monday. One of the most novel ideas that I have ever heard was that many composers set out to disturb our mental peace so that we might the more appreciate the subsequent soothing balm of real melody in their compositions. Perhaps I can better convey what Mr. Tayler so easily explained if I draw the parallel of a man having suffered acute physical pain being suddenly relieved of both the cause and the effect of his agony. That man will appreciate the joy and pleasure of physical well-being better than the man who has not suffered at all. So it is with the music of some of the world's great composers. A few clashing discords at the start will set every nerve tingling and, in some sensitive cases, writhing. How the sweet and simple theme melody is appreciated, following as it does, such a nerve wracking period! My only complaint is that my neighbour's daughter, an ardent soloist, has so far only learned half Mr. Tayler's lesson, and the soporific for my nerves is long overdue.

## The New Education

LATER on Monday evening I heard a most enthralling talk by Mr. Alexander Salmond, M.A., of Knox College, presented from 4YA. The speaker reviewed the international aspect of the new education showing how modern ideas on the subject were changing the customs and habits of centuries. To think that in Constantinople itself, the

and their love for law and order provide the fulcrum by which the new education is made more of a social function than of yore. Youth is encouraged to have both freedom of thought and movement in his classes. Educational ideas are, of course, international of thought, and leaders in the various countries of the world watch for and accept the contributions of any authority, whatever his nationality. The whole modern trend is the realisation that the Rulers of To-morrow are the Youth of To-day; as a consequence no professional teacher can hope for success without adequate knowledge of child psychology.

In brief, it is now a battle between those conservatives with a belief in learning by absorption and the moderns who believe in learning by doing. Schools will become "seats of doing," real life in miniature. Finally, we see that, from the fact that upon truth only will nations agree, and education, like Demosthenes, speaks truth, so true education becomes an important contributor to International Goodwill.

## Independence Day

AT the request of the IYA station director, the American Consul in Auckland, Mr. Boyle, anticipated the 4th of July by a few days in his international talk on Tuesday. The speaker referred feelingly to that "Great Father of the United States"—George Washington. As he said, Americans have been accused of deifying Washington. Still they have never exceeded the great tribute paid to him by a famous Englishman, Lord Bryce, who said . . . "Washington stands alone and unapproachable, like a snow peak rising above its fellows into the clear air of morning, with a dignity, constancy and purity which have made him the ideal type of civic virtue to succeeding generations."

Very shortly Americans will celebrate the two hundredth anniversary of Washington's birth and, as one looks back over the cold history of events to examine his leadership with an unprejudiced eye, one wonders if the pedestal upon which Washington has been placed by the American people is really high enough.

Mr. Boyle read a few excerpts from Washington's "Farewell Message to the American People," some hundred and thirty-five years ago. It is a wonderful message of Council and Good Cheer. A message which must have inspired countless numbers of leaders, both great and small, American and otherwise. While space does not permit of a repetition of all the extracts quoted by Mr. Boyle, still, I would like to quote these words:

"Observe good faith and justice towards all nations; cultivate peace and harmony with all. Religion and morality enjoin this conduct; and, can it be that good policy does not equally enjoin it? It will be worthy of a free, enlightened, and, at no distant period, great nation to give to mankind the magnanimous and too novel example of a people always guided by an exalted justice and benevolence. Who can doubt that in the course of time and things, the fruits of such a plan would richly repay any temporary advantages, which might be lost by a steady adherence to it? Can it be



H. BRUSEY,  
a well-known Wellington tenor and  
member of the Ariel Singers. He  
will broadcast on July 14.  
—Photo, Rolf Keys, Hastings.

home of the Caliphs, thousands upon thousands of women are now receiving University training and education on an equal footing with the men! Dr. Koo, in a recent address, cited the case of an important Shanghai banking institution, which is run successfully and solely by women! Egypt, Persia, Korea—in fact, practically all the old countries of the world who, so far, have had very fixed ideas on the emancipation of women—are all ruthlessly uprooting their old prejudices and are following the more advanced methods of the West, and are thus rapidly learning that "the female of the species" is possessed of both a brain and the necessary power and will to exercise it. The new education has for its foundation the ideal thought that original effort and contribution are the only signs of progress.

Old ideas on the maintenance of discipline are giving place to new; the inherent imitative powers of the young

**ACT NOW!**

If you want one  
of these

**AIRZONE**

**ELECTRIC SETS  
at Landed Cost**

Only a limited number  
left of these beautiful  
modern radios—to be  
cleared out at greatly  
reduced prices.

N.Z. Distributors:

**J.A. SMYTH & Co.**

71 Victoria Street,  
WELLINGTON.

Ask about the Airzone  
Portable.

that Providence has not connected the permanent felicity of a nation with its virtue? The experiment, at least, is recommended by every sentiment which ennoble human nature. Alas! Is it rendered impossible by its vices?"

Just how near to the precepts laid down by their founder, the Americans have steered their country's destiny, only unbiased and careful students of history may judge. But that these same precepts, had they been addressed to every country in the world and faithfully followed, would have prevented the Great War and all future possible wars, seems undeniable.

Mr. Boyle concluded a valuable talk by expressing gratification on his own and Mrs. Boyle's part to New Zealand for having provided them with a second "home" during the last six years. I am sure that Auckland, in particular, will feel richly repaid for any hospitality extended if Mr. and Mrs. Boyle elect to remain with them for many more periods of six years.

### An Original Note

THE Manufacturers' Association struck an original note in their plea for the purchase of New Zealand-made goods presented from IYA on Thursday. The talk was on "Dress Materials—Ladies' Costumes, etc."

After a brief introduction, which was as original in thought as the later presentation, the speaker for the evening introduced us to "Miss Auckland," and allowed us to overhear the dialogue which occurred during a personally conducted tour of a clothing factory. I enjoyed the explanation of the ever changing fashions. Woman's urge toward new fashions is attributed to the fact that dress is an expression of self—that nature changes her dress, so why not woman? Maybe so! But the peach tree doesn't take it into its head to wear almond blossom one spring and grow walnuts in the autumn. However, the absence of change in fashions would

contribute very largely to another depression, and would likewise augment the dullness of the world, so why quibble at the excuses raised on its behalf?

I am not sure that the speaker's note of pride in stating that all sizes, not excepting those ruling in New Zealand, were now ably catered for by local factories, was quite tactful. In all innocence, I ask what there is so peculiar about our sizes to make their satisfaction the justification for a note of jubilation on the part of our manufacturers? However, that we can cater for all tastes is good hearing; in fact, as "Miss Auckland" so aptly remarked at the conclusion of her tour: "Well, that's that."

### Music and Health

FOND parents who have had occasion to groan in spirit at the lack of foresight shown by Uncle Robert in providing Tommy with a drum for Christmas will perhaps find some solace in the thought expressed by Mr. Arthur Lilly, A.R.C.O., speaking from 3YA on Thursday, that an inclination toward the bugle and the drum is an indication that youth is in possession of "mens sana in corpore sano!"

Some extremely questionable logic and reasoning were employed in associating such thoughts as life—movement—rhythm—love—divine influence—the banging of baby's spoon—and a ride on daddy's back in one long chain of evidence of the fact that music is omnipotent. All the same, however we reason, music certainly is all powerful, and has been recognised as such for centuries. If not, why the harp of David to soothe the passions of the mighty Saul? Why is the regimental band and martial music of more effect than the most eloquent pleas of the recruiting sergeant?

It is undeniably true that music has the most extraordinary influence on the human emotions; but how wonderful to

learn that men of medicine, even, recognise it as a useful ally, and have been known to reduce a patient's temperature by arranging for suitable music to be played within his hearing. There have been many occasions when my temperature has definitely risen with the strains of "music," so I am quite prepared to believe the reverse process possible.

### A Master Pianist Speaks

LISTENERS who were fortunate enough to have their sets tuned in to 2YA when that great Russian composer and pianist, Mark Hambourg, spoke on Friday, were given a real treat. Not only was it thrilling to hear the voice of such a great man, but the actual subject matter of his talk was vastly entertaining. He had a fluent command of English, and only very rarely did he become a little tied up in phraseology. Even on these occasions the trend of his remarks was made perfectly apparent.

Choosing for the theme of his talk "The Mechanisation of Music," the speaker showed how the great artists of music will always be necessary for the musical entertainment and education of mankind, for without their initial work the machine is still powerless. Indeed, I gathered from his remarks that the modern trend of gramophone and wireless entertainment is, generally speaking, welcomed because of its aid in cultivating and moulding a taste for better quality music.

The speaker gave some illuminating information on the making of piano rolls and how errors may be chopped out and corrected—no wonder some of these sound too good to be true! Indeed, we were assured that some great players deliberately made faults and asked for them to be left in so as to give a more natural tone to the piece! But fancy playing a roll or a record and sending it home in lieu of the more usual letter, as was the practice of this master!

## Australian Programmes

Times Corrected for N.Z.

Thursday, July 9.

STATION 2FC.—9.30 p.m.: "The Quarterly Meeting of the Smith Family." 10.45 p.m.: "Keeping Up Appearance," a short comedy. 11.15 p.m.: Vincent Aspey, violinist.

2BL.—9.40 p.m., 10.45 p.m., and 11.39 p.m.: Lance Jeffree, tenor. 9.43 p.m. and 11.2 p.m.: Athos Martelli, cellist. 10 p.m. and 11.16 p.m.: Enid Conley, pianiste.

3LO.—9.30 p.m.: "Reminiscences of Vaudeville." 10 p.m.: Dance items, interspersed with variety items.

3AR.—9.50 p.m.: Programme of studio reproductions.

Friday, June 10.

STATION 2FC.—9.30 p.m.: A concert programme arranged by the Musical Association of New South Wales.

2BL.—9.37 p.m. and 10.56 p.m.: Jack Lumsdaine, the "Radio Rascal." 10.4 p.m.: Clive Amadio, saxophonist. 10.8 p.m. and 11.26 p.m.: Victor Steele, comedian. 10.23 p.m. and 11.40 p.m.: "Reg, Len and a Piano." 10.52 p.m.: Vincent Aspey, violinist.

3LO.—9.30 p.m.: Choral music. 10.45 p.m.: Military band concert.

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

Saturday, July 11.

STATION 2FC.—9.38 p.m.: "A Course in Piracy." 10.5 p.m.: "Five Birds in a Cage." 10.35 p.m.: "The Live Wires" will entertain.

2BL.—9.30 p.m., 9.52 p.m., 11.7 p.m., and 11.21 p.m.: "The Popular Trio." 9.37 p.m. and 11.28 p.m.: Norman Wright, tenor. 10 p.m.: Description of boxing contest at the Sydney Stadium. 11 p.m. and 11.35 p.m.: John Stuart, comedian. 11.14 p.m.: Grace Quine, popular vocalist.

3LO.—9.30 p.m.: Fourth Celebrity Concert (1931) by the University Symphony Orchestra, conducted by Professor Bernard Heinze, F.R.C.M.



THE CANTERBURY CALEDONIAN PIPE BAND.  
Pipe-Major C. Gibson (second on left), Drum-Major W. Ross (first on left). This band broadcast several much-appreciated selections from 3YA and 4YA recently.



## Our Mailbag

(Continued from page 7.)

sonally I congratulate the Broadcasting Company for the delight the Orchestra affords to so many lovers of good music and for having secured the services of the finest combination of orchestral instrumentalists in Wellington.—R. Sutherland (Wellington).

## Other Views.

WITH reference to "Music's" complaint, I fail to see where the station concerned can be blamed. It is a B class station, and gets no license fees. Therefore "Music's" friend, who pays a license fee, should go to the station he supports, if he wants to make complaints about advertising. By this I refer to the thinly-veiled advertising done by 2YA in their daily programmes.—"Wave-Trap."

MAY I comment on your article dealing with the "Advertising Menace." It appears that your paper is biased against B class stations. I have heard numbers of people state that they cannot understand your strong objection to sponsored programmes. Anyhow, what's wrong with a little advertising to help defray expenses, seeing that B stations have no income from listeners? It is no trouble to turn to another station if anyone objects to it. The person who was "obliged to cut off the station" probably enjoyed many items from the same station with unusual quality.—"B. Fair."

## More Humour Wanted.

IF the Hon. J. B. Donald's concession to the B class stations is hailed with general rejoicings by the listeners-in, I'm afraid that the R.B.C.'s ultra "high-class" programmes are largely to blame for their jubilation. Search the printed programme of 2YA for the week June 21 onwards, and see if you can find the little word "humour" prefixed to a single item. I can't, anyhow.

What on earth are the responsible parties of the R.B.C. thinking of? Again, owing to the prevalence of the talkies, how many musicians are at present unemployed, while the Broadcasting Company fills in the dance sessions with hideous gramophone records. Surely a little orchestra of five or six performers and a relieving vocalist or two for a few hours a week at the four centres would not hurt. One more suggestion: With radio in our homes, "Saturday night" is a thing of the past, so why not on the late nights of the various stations start right off at 8 p.m. sharp and make it throughout a lively and humorous night till the final jazz squall at 11 p.m., with an old-time dance night once a month from each station. Anyone with a valve set will have a chance to forget his or her troubles every night in the week then. In fact, as his Excellency said, more or less, at Palmerston North, in respect, I believe, to cheese: "Give the people what they want and not what you may think is good for them." Finally, his Excellency has also told us to advertise, conditionally on our advertisements being of a high standard. Now why should not the B class stations be permitted to follow his excellent advice if only as regards our New Zealand products of industry? In regard to what Mr. Brooks Gifford says about advertising on the American stations, well, as far as the main stations, of which I've heard a dozen or two, go, it's utter bunkum; they merely mention on whose behalf the programme is given, and occasionally the most bloodthirsty scene from a talkie is put over for advertising purposes. No doubt the hundreds of smaller stations may do so, however. Mr. Ellis will tell you. I can't.—George Fraser, Box 29, Ohura.

## Simplify DX-ing.

DX CLOCK ..... 9d.  
DX VERIFICATION FORMS—  
1/6 for 2 doz.; 8d. doz. over 6 doz.  
Booksellers, Dealers, or Box 1032,  
Wellington.

# FREE RADIO GOODS

## WIN A BIG MODERN CABINET SET!

**NO ENTRANCE FEE**

Oh, Boys,  
What a Chance

Free Radio and no bother at all; everybody eligible to enter, and an equal chance of getting any Radio prize you like to name.

Send to-day for full particulars, and you will soon be on your way to winning your chosen prize.

**NO ENTRANCE FEE**

**NO TIME LIMIT**

Rip out this coupon and send it with a stamped envelope to:

Stanley Smith,  
Box 1032,  
WELLINGTON.

Please send full particulars right away. I am enclosing a stamped envelope addressed to me.

NAME .....  
ADDRESS .....  
AGE ..... R.R.3

KIT SET



## Answers to Correspondents

**"DXIOMC"** (Canterbury) and **"Lead in"** (Greymouth).—DX Club notepaper may be obtained only from the offices of the **"Radio Record."** Price 1/6 for two dozen (min. order), or 4/- six dozen, post free. Ordinary DX notepaper may be obtained either from our offices or from booksellers.

**"BLUE BIRD"** (Hastings).—An article on the method of connecting headphones to an all-electric receiver will appear shortly. You do not state the type of receiver you are using, so we cannot criticise your log. For three weeks **"DX"**-ing, however, is quite good.

**B. McL.** (Westport). The addresses of American stations as given in the **"Radio Guide"** should be sufficient. If, however, you are doubtful, you could obtain a special call-book from the Te Aro Book Depot, Courtenay Place, Wellington.

**"SMART SET"** (Dunedin). The particulars of the stations you want identified are too scanty. Your idea re a DX diary has been noted.

**"RADIO"** (Auckland). Your log would have been scarcely good enough to enter for the competition. Addresses of Japanese stations are given in the **"Guide."**

**"HUIA"** (Hampden). The fact that you have not contributed to the DX Club's pages does not debar you from becoming a member.

**"DXST"** (Stratford). The conditions governing the DX competition will be published either in this or next week's **"Radio Record."**

**INVERLEITH** (Wellington). Within the last six months KZRM, Manila, has changed its frequency from that given in the **"Guide"**—725 k.c. (414 metres)—to 485 metres (618.5 k.c.).

## Addresses and Addresses Wanted

**WOULD "R.W.A."** (Hastings) please forward his address?

**"OSCAR"** (Marton). My address is: Philip K. Barling, W.B.H.S., Oamaru.—R.K.B. (Oamaru).

## Identification Wanted

**FOREIGN** station which closed at 5.45 p.m. on June 25, heard on 1000 k.c. (300m.). Announcer spoke in Spanish or Japanese. English records were played throughout.—J.T.S. (Napier).

**STATION** heard several nights lately above 7ZL. Dial readings, 7ZL 170, stranger, 175. Carrier was loud. Also station between 7ZL and 3AR heard on June 23. A steel guitar number, followed by foreign speech, was heard.—"Detector" (Auckland).

**AMERICAN** on 278m. (1080 k.c.) heard at 7.40 p.m. on June 28, heterodyning 1ZR, Auckland. Several compositions by Tschaiakovsky were heard, followed at 7.40 p.m. by "Dance of the Hours."—"Enoch Arden" (Oamaru).

**FOREIGNER** on about 258m. (1160 k.c.) heard at 7.15 a.m. on June 26. A comedy sketch, played by two ladies and gentlemen, was in progress. At the conclusion I heard one stroke on a gong and announcement, and then a song with orchestral accompaniment.—"Cromdale" (Otago).

## News and Views of the D.X. CLUB

**STATION** almost on 4YA, Dunedin, heard at 11.15 p.m. on June 25. The following items were heard: "El Capitan," "Stars and Stripes," followed by a vocal number, after which "Stars and Stripes" was again played.—"Radio" (Wellington).

[Your log is fair. There are a number of stations above 4QG, Brisbane.—Ed.]

**STATION** heard between 7 and 8 p.m. on June 18. Dance music was played and items included "A Little Girl," "By My Side," "Smile Down Your Smile" and "Chinese Novelty." Station, which was on a frequency of approx. 1060 k.c. (233 m.), then closed down. I heard

## DX Notepaper

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

two announcements; in one I thought the station was WTIC, Hartford, in the other KNX.—"Searcher" (Mania).

**STATION** heard at 11.25 on June 14 on approx. 625 k.c. (480 m.), two degrees from 3AR. Was unable to hear station call owing to interference. Mention was made of "General Motors" several times and after further items selections were played by the "Chevrolet" Orchestra. At 12.35 a.m. "Swanee River" and other Southern melodies were played. Announcer spoke with a decided American accent.—"DX25W" (Wellington).

[Names of commercial receivers should not be used as noms-de-plume.—Ed.]

**AMERICAN** station heard at 7.25 p.m. on July 2 on 246 metres approx. (1220 k.c.), playing "Lady be Good." Static prevented me from getting his call, but I heard "California."—M.F.F. (Thorpe).

**STATION** heard on July 1 on approx. 526 metres (370 k.c.). Heard several musical items [At what time?—Ed.], but no call-sign.—S.M.C. (Mokau).

[New Zealand and the main Australian stations have been barred from the D.X. competition in order that any oscillation on their frequencies will not be attributed to "D.X.-ers" "forcing" their receivers in an effort to log them. Besides, the majority are not difficult to log.—Ed.]

**STATION** heard on June 21 on approx. 1120 k.c. (268 metres), just above KSL, playing dance numbers. Commencement of call sounded like KF.—"Pitch" (Port Chalmers).

**STATION** 5 degrees below 7ZL, Hobart, heard at good volume. Would this be XOW?—O.B.L. (Eketahuna).

[Your nom-de-plume has already been taken. 4ZR is located at Inchclutha.—Ed.]

**BETWEEN** 2GB and 3YA, heard at 4.50 p.m. on June 28. I heard two band selections, followed at 5.15 p.m. by a contralto solo.—"Mark" (Dunedin).

**STATION**, dial reading 29, heard on Sunday, June 21, and on the following Sunday. Heard what sounded like "Hogan" pronounced in an American accent. Following this I heard a selection "O Boy," and later a Spanish number. IYA then came on the air and blotted them out.—R.M.C.K. (Wanganui).

**STATION** heard at 2.10 a.m. on June 14. Heard someone say "Arthur Royal came in second." Being new chums we forgot to take the dial reading.—W. Cross (Wellington).

## Stations Identified

**L.R.H.** (Dunedin): 3BO, Bendigo. "Radio" (Wellington): Station below 3AR is KZRM, Manila. "Oscar" (Marton): 4ZB, Dunedin, on 1080 k.c. (278 m.), and KZRM. K.M. (Roslyn): Probably XOW, Nanking, on approx. 501 m. (600 k.c.). "Keijo" (Invercargill). "M.A.H." (Morrinsville): WOAI, San Antonio, Texas.—M.A.E. (Morrinsville).

**"DIGGER"** (Hamilton): 3BO, Bendigo. S.M.C. (Mokau): WSM, Nashville, Tennessee, on 650 k.c. (462 metres). N. Jenkins (Masterton): Station on 3ZC's frequency, 5KA, Adelaide. W.H.R. (Dunedin): 3RI, Melbourne's, address is, I think, WRL Wireless Club, V.R. Institute, Melbourne.—"Cromdale" (Otago).

**"PITCH"** (Port Chalmers): 3BO, Bendigo.

**A. D. HENDERSON** (Hastings): Jap on 353 m. (850 k.c.) is JOFK, Hiroshima. Power, 10 k.w. E.T. (Blenheim): Station on 441 m. (680 k.c.) is KPO, San Francisco, California. This station has been coming in well lately. I.J.M. (Christchurch): Station on 390 m. (770 k.c.) is WBBM, Chicago.—S.M.C. (Mokau).

**"ELECTRON"** (Oamaru): On my set WCHI, Chicago, comes in at 6½ KFJF, Oklahoma, at 6½; KGA, at 7; and KSTP at 8. Possibly your station is one of these.—"Cromdale" (Otago).

**"EXCELSIOR"** (Oamaru): KZRM, Manila. Announcer pronounces the "Z" as "Zee."

**"PUNCH"** (Dunedin): Experimental station VK3BY, Melbourne. Music is heard loudly, but speech is poor. He tests generally between 12 and 2 a.m. on Monday mornings. R.J.R. (P.N.): I received 4GR, Toowoomba, between 3YA and 2UE. There is also another Australian station practically under 4GR, but I have been unable to identify him (not 6ML).—N. Jenkins (Masterton).

**"DIGGER"** (Hamilton): Radio Bangkok, Siam.

—(Havelock North): Australian near 3YA is 3BO, Bendigo. Six Valve (Christchurch): Station on 2NC's frequency heard after the latter signs off is 3EF, Ellwood, Victoria. Particulars appear elsewhere.—J.C.S. (Beckenham).

## DX Topics

## American Jottings.

The following is an extract from a letter received from America:—

"The call letters of KFJB Milford, Kansas, has been changed to KFBI, 1050 k.c. (286m.). Stations XEF, Mexico, and WTNT, Nashville, Tennessee, 1470

## DX Club Membership

**D.X. Editor,**  
Box 1032,  
Wellington.

Dear Sir,—  
I am very interested in D.Xing and wish to become a member of the DX Club.

I enclose herewith 2/6 for badge of the { broach } type and membership card.

I would like also to subscribe to the monthly D.X. magazine, "The Radio Log," and enclose 6/6, being 12 months' subscription, post free.

(Strike out last paragraph if not required.)

My set is a ..... { a.c. battery, using }  
..... valves.



Name .....

Address .....

Nom de plume .....

(Please use block letters.)

Available Everywhere—The 1931

**RADIO GUIDE AND CALL BOOK**

Booksellers and Dealers. 2/6.

k.c. (204m.), have been discontinued. A new station in Mexico City is XETO—1485 k.c. (202m.), while the call sign of XEG has been changed to XETV, Mexico City, 840 k.c. (351m.), power, 2kw. (Seven Kickers) (Okoroire Springs). What time does KREG close down? For several nights lately I have heard an American on 1500 k.c. (200m.), but have been unable to catch his call.—N. Jenkins (Masterton).

#### Radio, Saigon.

**"A MATEUR"** (Dunedin).—The following are particulars of Radio Saigon: "The station is situated at Chi-Hoa, about 4 miles from Saigon. In the studios there is a large auditorium for an orchestra of 15 to 25 players, and also a smaller one for speakers. The station transmits on 49 metres, with an aerial power of 12 k.w. The call sign (which is not used) is F8-ICD. The station call is "Hullo, hullo, here is Radio Saigon."—N.Z. 17W. (P.N.).

#### Particulars of KGM.

**"A MATEUR"** (Dunedin).—I received a letter from Radio KGM, Honolulu, in August last year. Address is "Honolulu Advertiser," Hawaii.—"Bon-spec" (C. Otago).

#### 1ZJ, Heterodyned.

**STATION** heterodyning 1ZJ is, I think, 2AY, Albury. I heard the latter say recently that they were changing their frequency. At 6.30 p.m. on June 30, KFI, Los Angeles, was heard at R7.—"DX22A" (Kakahi).

(Names of commercial receivers should not be used as noms de plume.—Ed.)

#### News of 3UZ.

**THE** following are particulars of 3UZ, Melbourne, taken from a certification card:—Frequency . 930 k.c. (319m.). Power 500 watts. Address: Oliver J. Milson and Co., 45-47 Bourke Street, Melbourne.—"Red Bird" (Wellington).

#### New Loggings.

**AMERICAN** stations are coming in well just now, especially just before dusk. WOAI and KMOX can be tuned in daily at good speaker strength from 3.30 p.m. onwards, and reach R9 by 4.15 p.m. Latest loggings include: KSD, St. Louis, 550 kc. (545 m.); KWWG, Brownsville, Texas, 1260 kc. (238 m.); KGRS, Amarillo, Texas, 1410 kc. (213

m.); and WSMB, New Orleans, Louisiana, 1320 kc. (227 m.). Has any listener experienced trouble in obtaining a reply from 3WR Wangaratta? I have written to him twice.—H. Walker (Bluff).

**ON** June 19 I heard 3LD speaking with 3CI—both Victorian lighthouse stations. WENR and WBBM Chicago are rarely heard now. KGMB has been picked up early in the evening lately, but has been fading badly. An Australian station giving the call 3JR was heard testing recently. Has any other DX'er heard them?—"Sparks" (Rangikura).

["Seven-kicker" (Okoroire Springs), in this issue gives particulars of several of the more powerful Mexican stations. In addition, you might try for XEW, Mexico City, 780 kc. (384 m.), power 5 k.w. They are on the air from 7-11 p.m., E.S.T. (10.30 a.m. to 2.30 p.m. N.Z. time.—Ed.)

#### Radio Bangkok.

**DOES** any DX'er know the call of Radio Bangkok?—"Keijo" (Invercargill). [Mr. Ellis, of Okato, holds a card from station XOW, Nanking.—Ed.]

#### A Good Locality.

**RECEPTION** conditions in Morrinsville appear to be quite good, for I have logged 27 Americans before 7.30 p.m. Most of them, notably WOAI, KGO and KNX, are heard from R8-9 when conditions are favourable. I have also received all the Australian and New Zealand stations given in the 1931 "Guide."—M.A.E. (Cambridge). [Your locality seems to be exceptionally favourable.—Ed.]

#### Fading of Wellington Stations.

**THE** stations I receive the best here are 2YA and 2FC, Sydney. I do not know if it is my location, but 2YA and 2ZW are both subject to severe fading at times, although the other YA stations and the Australians are quite steady.—"DX16A" (Rotorua).

#### 2AY Changing Frequency.

**ON** June 20 I had daylight reception of 2YB, New Plymouth, broadcasting a running description of the Rugby game Star v. Old Boys. On the 26th I heard 2AY, Albury, announcer remark

that they were changing their frequency shortly and that the new frequency would be permanent.—"Mark" (Dunedin). [Your log for the set you are using is good.—Ed.]

#### Particulars of 3EF.

**THE** following are particulars of station 3EF taken from a verification card: Frequency, 1240 k.c. (241.8 m.); power, 15 watts; address, 91 Spray Street, Ellwood, Victoria.—J.P.N. (Beckenham).

#### 2GB Testing.

**RADIO BANGKOK** and KZRM, Manila, are coming in well now. At 12.40 a.m. on June 24 2GB, Sydney, was heard testing.—O.B.L. (Eketahuna). [You would probably get much better results if you increased the average

20 Elizabeth Street, Rosalie, Brisbane.—L.C.B. (Nelson).

**ON** July 2 the Americans were coming in with good volume here. At 4.30 p.m. KMOX, St. Louis; WOAI, San Antonio; WTAM, Cleveland; and KTHS, Hot Springs, were R6. Later on KFWB, KFOX, KNX, and KFI were good speaker strength, and in addition I also logged two new Americans, KOL, Seattle, and KFVD, Culver City. Other latest loggings are 2MV, Moss Vale, 7HO, Hobart, 3BO, Bendigo, KZRM, Manila, and WMBI, Chicago.—M.F.F. (Thorpe).

[The winner of the competition which has just closed will be president of the DX Club for the next six months. District certificates holders will be vice-presidents.—Ed.]

#### American 100-watter Logged.

**JUNE** 21 was exceptionally good for DX-ing, and I logged four new Americans, KVOO, KOA, KTHS, and WLS, all of which were coming through at good strength. My latest logging is WLW. Is there an American giving the call KGFI, operating on approximately 1500 kc. (200 m.)?—"Pitch" (Port Chalmers).

[Your log is quite good. For American station addresses see "Answers to Correspondents" column. KGFI, Eagle Broadcasting Co., Corpus Christi, Texas, operated on 1500 kc. (200 m.), power 100 watts.—Ed.]

#### An Afternoon on Short-wave.

**FOLLOWING** is a list of short-wave stations heard between 1 p.m. and 5 p.m. on Saturday, June 27. The receiver used was a home-made adapter (detector only), connected to the gramophone attachment of an ordinary commercial a.c. receiver.—EAQ, Madrid, 30.4 metres, tuned in at 12.50 p.m., on speech only (Spanish and English); signed off at 1.3 p.m. W2XAF, Schenectady, N.Y., 31.48 metres; R4 at 1.15 p.m., increasing to R9 by 2.15 p.m.; dance music until 3.30 p.m. W1XAZ, Springfield, Mass., 31.35 metres; organ recital from Paramount Theatre, Springfield, until 3.45 p.m.; R9 by 3 p.m. W3XL, Boundbrook, New Jersey, 46.69 metres; relaying WLW; excellent tone and volume until 4.30 p.m. W9XF, Chicago, 49.83 metres; quite good until 5.30 p.m. W8XAL, Cincinnati, Ohio, 49.5 metres; good volume after 4 p.m., but quality only fair. PCJ, Bindhoven, Holland, 31.28 metres; this station was weaker than usual with me, being only R6-7 at the best.—A.J.H. (Wellington).

#### Verification by Air Mail.

**VERIFICATIONS** were received from WLAC, Nashville, Tennessee; WM AQ, Chicago; WBAL, Baltimore; KFVD; 3EF, Ellwood (after three attempts and a stamped addressed envelope); 4MK, Mackay, who inform me they are only on temporary power of 7½ watts, and hope to increase to 100 in a month or so. The owner of this station was a good sport, sending the letter by air mail to Brisbane at a cost of 6d. Also received one from HSPL, Radio Bangkok, similar to the verification W.B. (Linwood) received. They also added that their Tuesday and Friday European programmes would consist of orchestras and brass bands, and that the six notes on the gong which I heard may be taken as the distinctive "call-sign" of Radio Bangkok.—J.P.C. (Palmerston North).

**KNOW** the time all over the world with a  
DX Clock.  
Price 9d.  
BOX 1032, WELLINGTON.

## RADIO DIRECTORY

### What to Buy and Where

#### CITIES.

- |  |  |
|--|--|
| <b>ACE &amp; HAMMARLUND SETS,</b>      | <b>Johns, Ltd.</b>   |
| <b>WESTINGHOUSE Rectifiers</b>         | Chancery Street, Auckland.                                       |
| <b>BURGESS RADIO BATTERIES,</b>        | <b>All Radio Dealers.</b>  |
| <b>LOFTIN-WHITE AMPLIFIERS</b>         | <b>Stewart Hardware Ltd.,</b><br>Courtenay Place, Wellington.    |
| <b>MULLARD VALVES</b>                  | <b>All Radio Dealers.</b>  |
| <b>RADIOLA RECEIVERS</b>               | <b>and Farmers' Trading Co., Ltd.,</b><br>Expert Radiola Service |
| <b>RADIO SALES AND EX-CHANGE, LTD.</b> | <b>4ZW, Dunedin.</b>   |
| <b>SERVICE WORK FOR ALL RADIOS.</b>    |  |

#### COUNTRY TOWNS.

- |                                     |                                |
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| <b>PHILIPS VALVES AND APPARATUS</b> | <b>All Good Radio Dealers.</b> |
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**DOROTHY CRONIN, F.T.C.L.,**  
a soprano well known to 1YA listeners, who will make her first appearance at 2YA this week.

height of your aerial to 35 feet. Height is of greater importance.—Ed.]

#### The "Nautilus" Transmitter.

**BY** the last American mail I received a packet of radio service bulletins from the Radio Division of the U.S. Department of Commerce, and the following may interest DX-ers:—

"The submarine 'Nautilus' has been allotted the call K7XI, and frequencies of 6100kc. (49.18m.); 9530kc. (31.48m.); 11,710kc. (25.62m.); 15,180 (19.79m.); 17,780kc. (16.87m.). Power is 200 watts. Call, WSEA, mentioned in 'R.R.', dated June 19, may have been a temporary one.

"There are some 28 stations in Cuba. CMK, 410.8 metres (730kc.), power 3 kw., is the largest. Address: Cia Cubana di Radio di Fusion, Hotel Plaza, Havana.

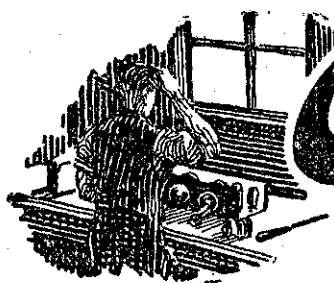
"There are 35 stations in Mexico, and 10 work on power of 1 kw. and over. Station XED, Reynosa, 312 metres (960 kc.), has a power of 10 kw."—Cromdale (Otago).

#### Particulars of 4LW.

**IN** a verification received from VK4LW, Mr. C. R. Morris, owner-operator, states:—"Very pleased indeed to receive your report, it being the first I have received from New Zealand." Transmitter is a Hartley oscillator, using Heising modulation. Input, 20 watts. Address:

**Mullard**  
THE MASTER VALVE

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# Questions and Answers



**DETECTOR** (Auckland).—I recently changed my set from a metal cabinet to a wooden one, and whereas the coils would once tune between 200 metres and 650, they will now not cover the band. I rewound the primary of the regenerative, slightly spacing it, as advised in "Design of R.F. Transformers."

A.: Your trouble does not appear to be an obvious one, and it can be explained only if you have made some slight alteration in the wiring. It is possible that you have brought about certain capacity changes. These could be the result of closed loops in the filament winding, a different relationship between the plate and grid wires or some similar changes. Metal near the coils will have the effect of altering the tuning range.

**PUZZLED** (New Plymouth).—I have a 5-valve commercial neutrodyne, the valves of which have been in use about 12 months. Could you tell me if they are the right type? Four are 201A and the last valve is C603.

A.: We recommend for the last stage B605, and instead of the 201A, the new 221 type.

2. What is the correct value of the grid-leak?

A.: In a broadcast set the best results can be generally obtained by a 2 megohms leak.

**SHORTY** (Stratford): How many grid and regeneration turns have to be wound on a valve base former using 30 gauge d.s.c. wire to cover the 80 metres' band using a .00005 midget condenser?

A.: 24 on the grid and 17 on the regeneration coils.

2. Some time ago Q.R.L. wrote a series of articles describing a low-powered transmitter. Would it be possible at some

future time to describe a Heising modulator for this transmitter?

A.: We have approached Q.R.L. on the subject, and it is possible that at some future time an article such as you desire will be published.

**SHYLOCK** (Hokianga).—Would my aerial be better strung from a 300ft. hill than in its present slightly-shielded position?

A.: From what we can gauge from your letter, it would be an improvement to put the aerial on the 300ft. hill. It is impossible, however, to lay down anything definite until we saw a sketch of the neighbourhood.

2. Would the aerial be better on a piece of reclaimed mudflat, where there are no trees and few surrounding hills?

A.: Where has that 300ft. hill gone to if it is nowhere near the mudflat? Surely you must have to use a very long lead in for one of the positions. Certainly an aerial should be erected away from trees and hills. These have a definite screening effect.

3. Which of the two positions would be the better?

A.: We think the former

**A.W.M.** (Dunedin): My set tunes very broadly, and I get the Dunedin "B" class stations and 4YA all over the dial. I have tried a s.g. booster described in the "Radio Record" but it makes volume much weaker.

A.: There is something wrong with the booster. Generally boosters have gone out of date. It is far better to use a s.g. valve in a modern transformer-coupled hook-up than as a separate unit. It would be far better to use your parts to reconstruct the set along modern lines using a circuit such as the Outspan Five. Although these are not as selective as the very modern receivers, still they are a vast improvement on the ordinary two triode r.f. stage sets or the single screen-grid type. They are reasonably selective and should be quite satisfactory for your purpose.

2. Could the set be made selective without much alteration?

A.: The easiest way to make a set selective is to vary the coupling between the primary and the secondary of the aerial coil. By making the coupling looser the stations can be separated much easier, but, of course, a certain amount of sensitivity is lost.

3. I use B406 in the first audio stage and B405 in the second. Is this correct?

A.: It would be better if you used A409 in the first audio stage instead of B406, which is a power valve. This, however, would not affect selectivity.

**SCREEN GRID** (Ngaio): I have made the Loftin Four, but cannot work it well from the gramophone. When I switch over the set gives a steady slow beat and is unworkable.

A.: This is due in all probability to pick-up on the gramophone leads. Try placing the pick-up in the cathode of the detector valve, that is, between the junction of the 50,000 ohms resistance and the connection to the 200 ohms potentiometer and the cathode itself. A switch could be provided to short-circuit this connection.

2. When the set is tuned on 2YA and 2ZW there is a dead spot spreading over

about three points on the dial in each case. It does not occur with outside stations.

A.: It appears to be due to overloading the detector, and you can overcome it by using an aerial consisting of a piece of wire a few feet long.

**X.Y.Z.** (Wellington): I have a "Trinadyne" set, described by "Cathode" some time ago, and I can just hear 2ZW. Would another valve give me more volume?

A.: Yes, you would get much better results if you built up the circuit de-

scribed by "Cathode" some time ago under the heading of the "Trinadyne Two." You could use the method of regeneration employed in your present circuit, in other words, just add the extra valve as shown. You may have to wind a special coil to separate 2YA and 2ZW. This coil might well take the form of that described for the "Rejecta II" crystal set. In fact it would not be a bad plan to incorporate the "Rejecta II."

2. I have a battery made up of three two-volt 20-ampere hour cells. The charging rate according to the label is .5 amps. I have access to a battery

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- "Radio News," Handbook, 1930. 2/9.
- "Radio," U.S.A. National Trade Magazine. 1/9.
- "Cameron's Cinematographic Annual," 1930. 26/-.
- "Cameron's Sound Motion Pictures Encyclopedia," 18/6.
- "Wireless: The Magic Carpet," 5/- (Technical Editor "Radio Record" says no set owner should be without it.)
- The following by Ralph Stranger, 1/8 each:—
- "Selection of Wireless Signals,"
- "Wireless Waves,"
- "Wireless Communication Broadcasting,"
- "Seeing by Wireless" (Television).
- "Practical Radio Telegraphy," by Nilson and Hornung, 18/-.
- "Radio Music Merchant" (formerly "Talking Machine World"), monthly, 2/- per copy.
- "Practical Radio Repairing Hints," by Rider, 13/- (Don't miss it.)
- "Radio Sir," 72 pages—Don't miss this. 8d. posted. Great value.
- "Practical Radio Construction and Repairing," by Moyer and Wostrel, 15/6.
- "Radio Times" (English weekly), 4d. per copy.
- "All About the All-Electric," 1/9.
- "Radio Operating Questions and Answers," by Nilson and Hornung, 14/-.
- "Radio Amateur Handbook" (Handy's) 8th edition now on way to us. 5/3.
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### Please Note:—

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

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

charger with tappings at 2 and 4 volts, 1 amp. Which tapping should I use?  
 A.: Connect the positive of the two batteries together and the negatives together and take a lead from the common positive and common negative to the two-volt tapping on your charger.

"SHORTY" (Stratford).—How many grid and plates turns must be wound on a valve base former to tune over the 80-metre band using 30 gauge, d.s.c. wire, and a .00001 midget condenser?

A.: .00001 is a very small condenser to attempt to tune over this band, and you will find that you will have to break it into two coils to get complete coverage. Try the following, grid coil 12 turns, reaction 11 turns, and grid 20 turns; reaction 18.

OVER THE WAVES (Marlborough): What alterations should be made in

the Outspan coils using a .0003 differential condenser?

A.: Reduce the number of turns on the tickler coil by about 10 per cent.

2. The number of turns for the primary using 32 d.s.c.?

A.: There is no need to alter the number of turns from those given in the "Radio Record."

3. The best valves to use in the Philips four-volt series?

A.: A442, A415, A409, B405.

"RADIO" (Wellington): Reception has dropped back with me when it should have improved. The valves are only three months old.

A.: Check up upon your batteries for voltage, your aerial and earth for good contacts. Undo the earth wire where it joins the pipe or whatever you use for an earth and scrape it until it is clean and bright again. If you can,

let down the aerial and examine the wires and see that they are not corroded. Also examine your insulators and see that they are clean.

2. The aerial poles are 35 feet at one end and 38 at the other. Would it better to make both poles the same height?

A.: Most certainly.

3. I can receive four Japs and 30 small stations only with the help of a wave-trap, which seems to add extra power to my set.

A.: The wave-trap is tuning your aerial, and thus making your set more sensitive.

D<sup>X</sup> (Dunedin): Is a .000025 mfd. midget condenser too small for short-wave work?

A.: No, if you matched the coils to the condenser.

2. Would you design coils for the short-wave band, using 2in. former?

A.: We regret that we cannot do this, as if we design the coils for every purpose that we are asked we should be doing nothing else.

3. I was experimenting with the resistance-coupled amplifier and the grid leak resistance. I accidentally disconnected

### Blue Prints

OUR notice concerning photostat prints published some weeks ago, evidently was not as clear as it might have been, for several correspondents have written to us enclosing 1/6 for the three prints. This is incorrect. The prints sell at 1/6 each, and can be obtained for the following circuits:—The Ranger Two, The Night Hawk Two, and the Sparrow Hawk One.

Blue Prints will be available for future circuits at a slightly reduced price. The photostat prints now offered are of a slightly better quality than a blue print. They are almost actual size, and make the wiring of the set a very simple matter indeed.

the grid leak resistance and discovered that the set worked every bit as well. Can you explain why?

A.: If it was in the plate circuit of the detector valve and there was no other possible chance of the plate current getting through, we cannot. Just examine it very carefully and make sure there was no alternate pass for the current.

RAY DIO (Shannon): In placing a shield round the s.c. valve, how far up the valve from the top must the shield come?

A.: About half-way.

2. I have two phasatrols which I have taken to pieces, and wish to use the fixed condensers. What are the values of these?

A.: .25 to .5 mfd.

H. C. (Christchurch): I wish to build the P.C.J. 4, but would like to incorporate resistance reaction control instead of condenser control. Is my diagram correct?

A.: Yes, that system would work quite well, but probably an easier plan would be to put your resistance in series with the B+ to the detector.

2. What value resistance in ohms would be suitable for all-wave work?

A.: About 50,000 ohms.

3. What number of turns would be suitable for the broadcast band using .00015 condenser?

A.: You would need two coils, for one secondary 80 turns of 30 gauge enamel, with 30 turns for a tickler, 36 d.s.c.; for the other one you need 148 turns of 30 gauge enamel, with 36 turns of 36 gauge d.s.c. for the tickler. The secondaries for both radio and t.r.f. coils will be the same. The primary for the radio coil will be about 8 and 12 turns less than the respective ticklers.

K. A.D. (Wellington): Are the new circuits any better than the "Crystal and Valve," and if so which one? I have had 37 verified stations on this receiver, but since I have renewed my batteries oscillation has been very rough. On part of the dial it will not oscillate, while the remainder produces only a fierce squeak.

A.: This sounds very like your valve; have it tested. If your set has been going well do not interfere with it, other than changing the valve, grid leak, or condensers.

DYNAMO (Waitomo Caves): How can I add a radio frequency valve to my 3-valve set the circuit of which I enclose?

A.: We might have been able to have helped you had you sent us the theoretical diagram of your set, but a weird collection of lines leaves us quite bewildered. However, before very long we shall be adding a radio stage to the "Ranger Two," and this should interest you.

2. I was troubled with audio howl and placed a .0002 fixed condenser across G. and P. of the power valve. This stopped a little and gives me more volume. Am I doing any harm?—No.

FUSE (Hamilton E.): I have a transformer marked P1, P2 and S1, S2. What do those terminals indicate in modern terminology?

A.: P1=B+, P2=P, S1=F, S2=G.

2. Is the choke in the "Ranger Two" necessary, and could I use a fixed resistance instead?

A.: You may be able to work without the choke and use a resistance, but the choke is preferable.

3. Is one terminal on to the fixed plates and one on to the moving plates in a condenser or are both terminals on the fixed plates?

A.: One terminal is for the fixed plates and one for the moving. The moving plates are connected together and to earth.

BROADOLA (Auckland): Can you give me the coil data for P.C.J. 4, using .0001 double spaced condenser for tuning and reaction coil wound on valve bases?

A.: If you refer to the table as published in the "R.R." a short time ago and use the specifications for a 1 1/4 in. diameter coil you will be about right.

I AM constructing the moving-coil speaker described in the "R.R." some time ago. Would it be suitable for my set using a 201A in the last stage of the amplifier?

A.: By not having a proper amplifier you will get no better results than if you

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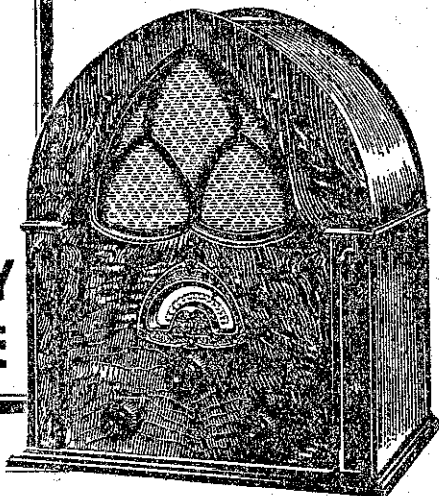
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had an ordinary cone speaker. You need a power valve if not a power amplifier to get the best results from such a speaker.

2. Can I use a trickle charger to energise the speaker field which is wound for a 6-volt supply?

A.: Yes, but you will need to shunt an electrolytic condenser across the output of the charger.

3. Will the wire taken from the primary of an ordinary transformer be suitable for winding the moving coils?

A.: If you use a step-down transformer the fine wire would be quite satisfactory.

**DUPLEX (Blenheim):** Do you consider it worth while to have the super-heterodyne receiver illustrated in the accompanying magazine made up?

A.: It is a good receiver, but we venture to say a better one will be described in our constructional columns before long.

2. Do you consider its distance-getting ability is greater than that of the standard factory-built set?

A.: Most decidedly yes.

3. Does it comply with the P. and T. regulations?

A.: If you wind a separate and secondary for the aerial coil it will probably do so. It is just hard to say whether a circuit can be approved by merely looking at it. The set has to be tested in the P. and T. laboratory.

**V.C.T. (Wanganui):** How many plates of the size enclosed are necessary to make a .00005 and a .00015 condenser?

A.: For the .00005 use two moving and three fixed, for the .00015 use eight fixed and seven moving. They will be quite suitable for the "Advance" short-wave receiver in the "Radio Guide."

**T.O. (Invercargill):** My aerial is 40 feet high at one end and 25 at the other. I get a great deal of noise which is not apparent when using an indoor aerial or when the outside aerial is shortened to 60 feet.

A.: It would seem that some of the joints are not satisfactory or that you are living in a locality where interference is bad and the shorter aerial minimises the pick-up.

**KELBURN (Wellington):** Would you let me know the number of turns for the broadcast coils of the Sellens short-wave receiver? I am using valve base coils.

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A.: You will need two coils, the first will have a secondary of 80 and a tickler of 30. The next will have a secondary of 148 and a tickler of 65. These specifications apply to the detector coil. The r.f. coil will have the same number of secondary turns as the detector, but the primary will be a few turns less than the secondary in each case. The wire is 30 gauge enamel for the secondary and 30 gauge d.s.c. for the secondary.

2. In the lay-out diagram the switch is shown between the plate of the first audio and the grid of the second audio.

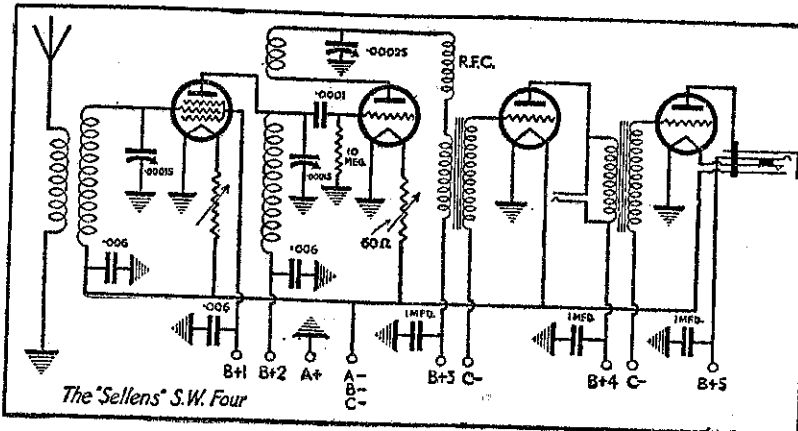
correct you will get your set to function all right.

2. The broadcast set to which the adapter has to be connected has two stages of tuned r.f. Is this sufficient?—Yes.

3. Must the return from L.5 be connected to any point of the set?—No.

4. Would increasing the number of turns on L.4 cause the set to oscillate?

A.: If correctly constructed it should oscillate with the number of turns given, but increasing the number of turns would certainly help oscillation.



The "Sellens" S.W. Set illustrates tuned anode method of coupling of the s.g. valve to the detector.

The text differs from this. Which is correct?

A.: From the plate of the first audio to the grid of the second audio.

**POWER PENTODE (Kauroa):** In which issue of the "Radio Record" were details of the Loftin Four published?

A.: December 4, 1930.

2. Is it harmful to use a 232 type s.g. valve with zero grid bias?—No.

3. In a recent issue of the "Radio Record" mention was made of a new pentode for portable and battery sets which had a very low "A" and "B" battery consumption. What type is this?

A.: The new Philips B443.

**NESCIO VERUM (Cashmere):** I intend to build the Loftin Four with 245 parallel valves, using a dynamic speaker with a 2500 ohms resistance. Where can this be used?

A.: Substitute it for the 2500 resistance in the published circuit.

2. Can I use .00035 ganged condensers with matched shielded coils instead of those published?—Yes.

3. What hum bucking condenser is used, .5 or 1 mfd.?

A.: Either will do.

4. Will I have to increase the secondary voltage to accommodate for a 2500 ohms field resistance?

A.: No, not unless this is used in a position other than that indicated in the text of the previous articles.

**B. G. (Nelson):** I have a five-valve neodyne set and wish to put in another power valve. Do I have to put in another "B" battery as well as a "C"?

A.: It depends upon the amount of voltage you now have available. A power valve should be worked with a power of 135 volts, though 90 will do. It is really better to put in the extra block and bring your "C" battery up to that required by the manufacturers for the particular valve you install.

**RHO SIGMA (Ngao):** I have recently completed, according to the somewhat meagre specifications in the 1931 "Guide," the super het. shortwave adapter and it failed. I have had to guess at some of the components.

A.: We publish herewith a diagram with full explanations, also a diagram of the layout. If you will follow the instructions given and get the components

**F.D.W. (Lower Hutt):** Can I add a stage of r.f. to the a.c. Night Hawk shown in the "Guide"?

A.: If you intend using it for all-wave work it is not advisable to do so. We hope at some future date to describe the Electric Night Hawk, also the Electric Kestrel, but we cannot say anything definite yet.

**STUMP (Napier):** I constructed the Loftin Four and followed the instructions to detail, but every time the condensers are brought into resonance the set oscillates. How can this be prevented?

A.: By reducing the number of turns on the primary coils and r.f. chokes in the "B" leads to the screen grid valve.

2. How many primary turns are required for a transformer using a stallion core 1.8-in. x 1.3-16in., and what are the number of turns per volt?

A.: Primary 1470 turns, of 28-gauge wire, turns per volt 63.

**L.H.L. (Lower Hutt):**—I would like the specifications of a two-valve battery set. Can you supply full particulars?

A.: We shall do so very shortly when we describe the Ranger Three.

**G.H.G. (Oamaru):**—Would one transformer and two r.c.c. stages deliver as much volume as two transformer stages?—Yes.

2. Would 7/18 aerial wire be any improvement over 7/029?—As far as signal pick-up is concerned?

A.: 7/18 being slightly large, then 7/22 (or 7/029) would theoretically be the better wire, but it is doubtful if there would be any appreciable difference between the two.

**DIEHARD (Seddonville):**—Is the Sparrow Hawk Differential Adapter suitable for my 5-valve set?—Yes.

2. Would I get good results with same.

—Yes.

3. How much would it cost to build?—about £8/10/-.

**E.R.W. (Wellington):**—My accumulator has lately been bubbling, and acid has been escaping freely. Within a fortnight the liquid fell below the level of the plates.

A.: It seems that there is an internal short circuit, unless, of course, you are overcharging. Charge it fully and drain off the acid. Wash out with distilled

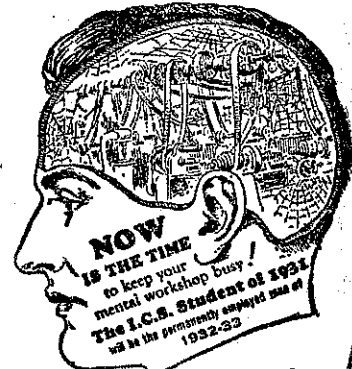
water. Refill with acid of the correct density (1.125), and then recharge and use. If the bubbling persists take the battery to a specialist. You must not drain off the liquid without fully charging the accumulator, but once having done so you can leave the accumulator without liquid for some time. You will be quite safe for ten days.

**SCREEN (Cambridge)** Would you supply the following information relative to the power grid system of rectification: (a) The value of the condenser; (b) the value of the grid leak; (c) approximate detector voltage; (d) connection of the grid return.

A.: Condenser, .0001 to .00015. (b) The grid leak, 15 to 25 megohms. (c) Detector voltage as high as possible. Anything from 135 volts up. (d) A grid return goes to A+. See the diagram reproduced herewith.

2. I have not had success by adding an s.g. valve. One appears to give me a lift no greater than that of an ordinary triode, whereas two are little better, and three very little improvement on the two. With one s.g. valve, oscillation is altogether absent, but with two or more it was so bad that I had to reduce the primary until there was little or no amplification in the system. The valves, etc., are fully shielded with aluminium. I believe inter-action is taking place between the plates and the grid of the s.g. valve.

A.: Oscillation appears to be taking place because of common leads or common resistances, and if you use plenty of by-



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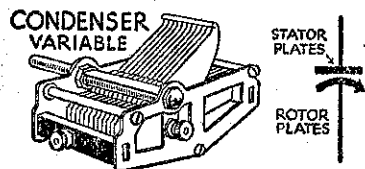
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# A Diagnosis of Radio

## Variable Condensers

A VARIABLE condenser is one the capacity of which can be varied easily. There are several different types such as tuning, midget, differential and compression. Let us look for a moment at the tuning condenser.

This is usually a fairly large piece of apparatus with one set of metal plates mounted with another set of



plates, affixed to a spindle so that they can be meshed to any degree with the first plates. Of these there are three distinct types, the straight-line wavelength, the straight-line frequency and the straight-line capacity. In the straight-line capacity the dial readings are in direct proportion to the capacity. Thus, if the dial is graduated from 0 to 100 and it is reading at 25, the capacity of the condenser is a quarter of the maximum; in other words, it is a .0005 condenser. The amount in the circuit is .000125.

The straight-line wavelength type has plates which are cut off and curved upon the entering side. At first the capacity increases slowly, but as the plates go further into the mesh, the capacity increases more rapidly. It is arranged so that the dial graduation is in proportion to the wavelength. The capacity varies as the square of the dial reading.

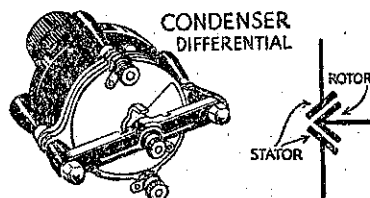
The plates of the straight-line frequency type condenser are still more sharply tapered. Increase in capacity is even slower than the straight-line wavelength type, but the increase becomes greater and greater as the dial travels toward 100. The condenser is arranged so that its capacity is increased with the dial readings at such a rate that stations separated according to kilocycles are evenly spaced from each other all the way across the dial, that is, the same number of broadcast frequencies as between zero

and 10 on the dial and as between 90 and 100. This even separation of the stations is undoubtedly an advantage. The same can be said of the straight-line wavelength line, only in this case it would be the number of wavelengths.

Nowadays condensers are made in all different shapes to suit the needs of individual manufacturers. The condenser generally used by constructors is straight-line frequency, and is as illustrated in our sketch.

In the compression type condenser the plates are pressed together by means of a screw. They are separated by mica or some similar dielectric. They are very much smaller than the average variable condenser and can be used for a variety of purposes. They are specially recommended for wave-traps.

The differential condenser has two fixed or stator plates, and one set of rotary plates. It is a straight-line capacity type, that is to say, the capacity is directly proportional to the dial reading. Whereas air is used to separate the plates of the tuning condenser almost invariably the differential condenser employs thin sheets of mica. The mica must be of a high quality to withstand the constant friction with the moving plates. Generally speaking, the two sets of fixed plates



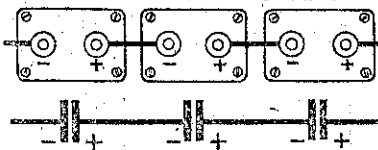
are connected to the reaction coil and the moving plates to earth, although there are many other ways they can be connected.

Midget Condensers: These are similar to the ordinary variable condenser,

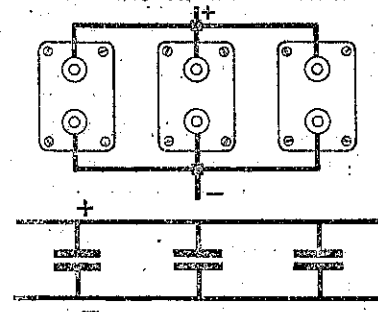
but are much smaller. They are put to a variety of uses in the modern set.

When condensers are connected in series it is necessary to add together the reciprocals of the separate capacities, which gives the reciprocal of the

### CONDENSERS IN SERIES



### CONDENSERS IN PARALLEL



total capacity. The reciprocal of a number is one divided by the number. When condensers are connected in parallel, the total capacity is equal to the sum of the separate capacities.

## The Crystal

"CRYSTAL" in radio parlance is a general name given to certain kinds of minerals, and is not to be confused with the product of the glass manufacturers. The types of crystals that are most widely used for radio purposes are galena, zincite, and silicon. These crystals have the property of allowing current to pass in one way only. The current which is sent out by a broadcasting station flows in more directions than one. Its voltage rises to a maximum positive peak and then falls to zero, then reverses to a maximum negative peak. In this stage it cannot be heard by the ear. It must be "rectified" or made to flow in one direction only, and this is the function of the crystal—it allows the positive halves of the waves to go through, but prevents the negatives.

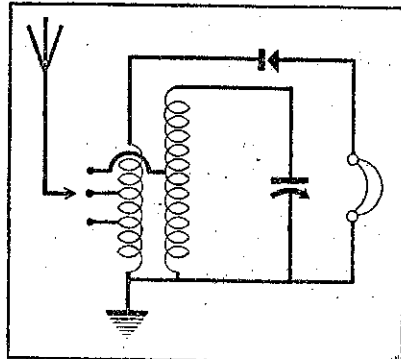
To make a contact with the crystal, if it is of the galena type, a fine wire, which will not easily corrode, is employed, and this is known as the "cat whisker." With zincite, silicon, car-

borundum and other minerals, a different means of contact has to be found.

For carborundum a steel point is used, but it is fixed in a certain position—the most sensitive one—for few crystals are of even sensitiveness and we must find the best point. Zincite and silicon are usually employed together; that is, one is used as a cat whisker, and these are combined, usually in the semi-permanent type of crystal. A galena and cat whisker is the most sensitive combination, but the most sensitive point cannot be held for long. A loud signal may often throw it out of adjustment. For this reason the semi-permanent type, with carborundum or permanent crystal, has become very popular. In the carborundum type a battery and a potentiometer can be employed, and this will improve the results.

Here are a few hints concerning crystals:—

1. Never handle the surfaces with the hands. A film of grease covers them.
2. If it is desired to clean crystals, dip them in methylated spirits.
3. In the semi-permanent type always pull back the plunger before exploring for a more sensitive point.
4. Carborundums can be knocked very hard in order to find a better point. They can even be thrown on to a concrete floor and not be damaged.
5. A crystal set can be tuned with a very sensitive voltmeter. If a meter of the 1000 or 250 volts per ohm type is available, put it on to the lowest reading (no greater than 0.7) and connect either side to the phone terminals, and take out the phones. You will



A typical crystal set.

that the needle will show maximum reading when the set is tuned to the optimum point. If a very sensitive milliammeter is available, it can be used in the same way as a voltmeter.

You will get a lot of fun out of trying the different points on the coil and different combinations of the whisker and crystal in this way.

The 1931 "Radio Guide"

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DEALERS.

ANOTHER method of using midget condenser to obtain increased sensitivity and selectivity is shown in Figure 6. Here we have a midget condenser connected from the plate of the detector tube to the plate of the preceding r.f. tube. With this arrangement the detector circuit will be thrown into oscillation as the capacity of the midget is increased; the improved performance which can be obtained from an arrangement such as this is sometimes remarkable. In addition it makes it possible to tune-in distant stations by means of a heterodyne whistle.

With the circuit shown in Figure 6 it may be necessary to reverse the connections to the primary winding of the r.f. transformer in order to make the circuit oscillate. To determine this point it is simply necessary to set the midget for maximum capacity, and if the circuit does not oscillate to reverse the primary connections.

Instead of connecting the condenser between the two plates a small regeneration coil may be used as shown in Figure 7. And incidentally this latter arrangement has the advantage that one side of the midget condenser is at ground potential so there will be no hand capacity effect such as might be experienced with the circuit of Figure 6. But whether Figure 6 or Figure 7 is used, in both cases it will almost invariably be necessary that there be an r.f. choke in the plate circuit as indicated. Without the choke it will not be possible to make the circuit oscillate.

IN screen-grid r.f. amplifiers, especially those using impedance coupling, the midget condenser can be used as a coupling control. Sometimes these circuits tend to oscillate and by gradually reducing the capacity, thereby decreasing the coupling, the circuit may be set just below the point at which it oscillates.

It seems that a set these days cannot be considered modern unless it has a tone control, and it is therefore

## The Uses of Midget Condensers

(Concluded from a previous issue.)

interesting that a midget condenser can be used for this purpose. To obtain a tone control capable of the most gradual variation the circuit of Figure 8 can be used. Here we show a midget of some 300 mmfd. capacity connected across the secondary of one of the audio transformers in the audio amplifier. With the condenser plates all out the circuit will function normally, but as the plates are gradually tuned in, adding more and more capacity across the secondary, the high frequency response will slowly fall off. In this way the relative emphasis on the low or high audio frequencies can be varied to suit the taste of the listener. If a resistance coupled amplifier is used the midget condenser may be connected directly across the grid-leak, or across the grid-choke in the case of a double impedance amplifier.

WHERE a midget condenser is used for tuning radio-frequency circuits it should preferably not be of the ordinary straight line capacity type, since the tuning will then be crowded at the lower end of the dial. For such purposes a condenser with a plate shape that will give more uniform separation between stations will prove much more satisfactory.

Where only infrequent variation of the condenser setting is necessary there is no need to use a midget variable condenser. Some type of compact, semi-adjustable condenser will be more practical. For example, condensers of this type are used for neutralising and for balancing the various sections of a gang condenser, since in these cases the condensers when once adjusted do not have to be altered unless tubes are changed.

There are many other uses for both the midget and the equalising condensers that will immediately suggest themselves to the broadcast and short-wave experimenter. Our purpose here has simply been to indicate, in a general way, their utility.

[Reprinted from "Radio News" by arrangement.]

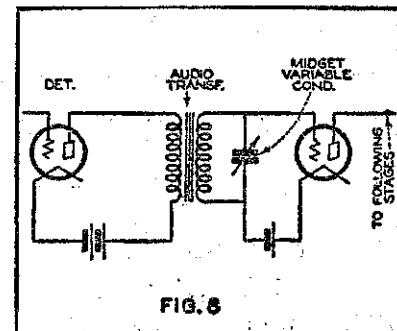


FIG. 8

Figure 8. A midget condenser of about 300 mmfd. can be used as a tone control. The condenser is connected directly across the secondary of the audio transformer, or across the grid leak in a resistance coupled amplifier.

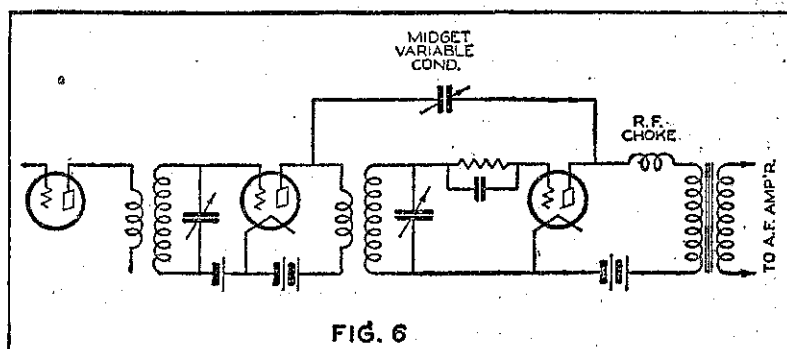


FIG. 6

Figure 6.—A method of increasing sensitivity and selectivity by adding regeneration to the detector circuit. This arrangement can be used with many types of sets, a.c. or d.c., screen grid or otherwise. The midget variable condenser is connected from the plate of the detector tube to the plate of the preceding r.f. amplifier tube.

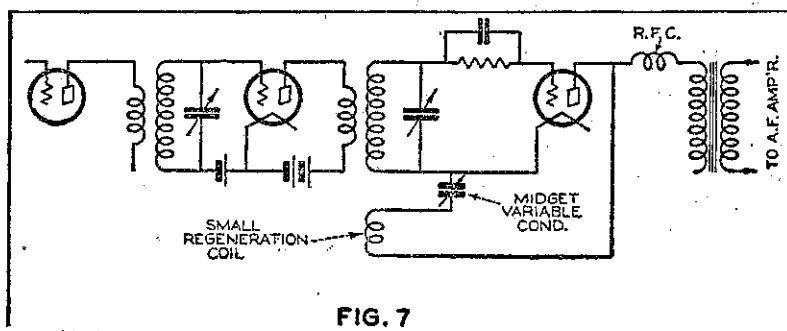


FIG. 7

Figure 7. Another circuit arrangement for adding regeneration to the detector circuit. An additional coil of about 20 turns is wound near the filament end of the r.f. transformer, one side of the coil connecting to the detector plate and the other side to the stator of a 50 mmfd. midget variable condenser.

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# FEATURE PEEPS

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## FUTURE PROGRAMMES

### SUNDAY

#### 1YA Notes

**DURING** the afternoon a portion of the organ recital by the city organist, Mr. Maughan Barnett, will be relayed from the Auckland Town Hall. The divine service will be relayed from St. David's Church. The evening concert will be given by the Orchestral Octet.

#### Wellington Features

**THE** service in Taranaki Street Methodist Church will be relayed. The preacher will be the Rev. T. R. Richards, and the organist and choir-master Mr. H. Temple White. At 8.15 p.m., approximately, a concert by the Wellington Municipal Tramways Band, under the conductorship of Mr. E. Franklin, will be relayed from St. James Theatre.

#### Christchurch Topics

**THE** Rev. L. A. North will be the preacher at Oxford Terrace Baptist Church, when the service will be broadcast. Mr. Melville Lawry will be the organist, with Mr. K. G. Archer as choir-master. A relay of the 4YA concert will follow.

#### From 4YA

**THE** service to be conducted in St. John's Anglican Church, Roslyn, will be broadcast. The Ven. Archdeacon Fitchett will be the preacher, and Mr. W. H. Allen the choir-master. A studio concert will follow.

### MONDAY

#### 2YA Items

The series of "Musical Portraits" will be continued with a presentation of Russian music.

The Chamber Music Trio, comprising Evelyn de Mauny (piano), Leon de Mauny (violin) and Claude Tanner (cello), will perform the first movement of Arensky's "Trio in D Minor" and "Andante" from the "Sonata in D" for violin and piano by Cesar Cui. The Orchestra will play "In the Silence of the Night," by Rachmaninoff, and Moszkowski's popular "Serenade" and "From Foreign Parts." Dorothy Cronin, F.T.C.L. (soprano), well known to 1YA listeners, will make her first appearance at 2YA. She will sing "Nobil Signor" (from "Les Huguenots"), "The Scythe Song," by Hamilton Harty and songs by Mallison, Dunhill and Bishop. Mrs. Cronin has been associated, as soloist, with the leading musical societies in Auckland, and should prove a welcome addition to the list of Wellington singers.

#### Christchurch Features

**THE** New Brighton Municipal Band, under Mr. J. Nuttall, will provide a programme of a varied and popular nature.

#### Items from 4YA

**A** TALK on "The Early History of Otago" will be broadcast at 7.40 by Mr. John Bowie. Dr. Merrington, principal of Knox College, will be the speaker for 4YA's international programme, his subject being "The International Body."

### TUESDAY

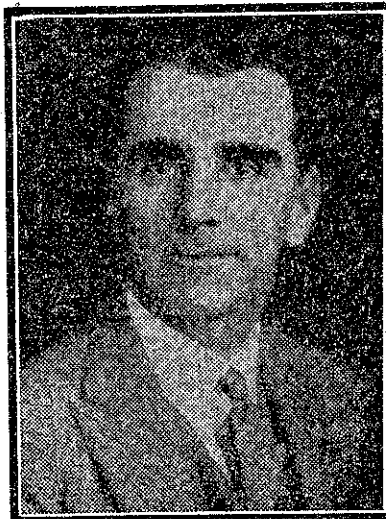
#### Items from Auckland

**THE** speaker on the International Programme will be Mr. Frank Leonard, chairman of the International Relations Committee of the Auckland Rotary Club. He has been in touch with citizens of very many countries of the world, and is speaking on the subject: "The International Mind."

#### From Wellington

A concert of the popular type will be broadcast from the studio, the Ariel Singers supplying the major portion of the vocal items.

This talented combination is well-known to listeners, and should excel itself in a specially selected programme of solos, duets and quartettes. A feature of the programme will be Mrs. H. G. Reeves's Banjo Band, play-



MR. OWEN PRITCHARD,  
the popular programme organiser at  
2YA.  
—S. R. Andrew, photo.

ing popular airs. The Salon Orchestra, under Mr. Mat Dixon, will play bright music, including the selection "The Girl from Brazil," "Two Songs Without Words" (by Mendelssohn), the selection "Scenes from an Imaginary Ballet" (by Coleridge-Taylor), "Two Irish Dances" (by Finucane), and the novelty "Marionettes" (by Felix).

#### Topics from 4YA

**THE** third of the series of conversations on economic problems will be broadcast at 7.40 p.m. Mr. Lloyd Ross and W.E.A. students will take part.

## Featurettes

#### Chamber Music Trio

2YA, Monday.

#### Ultra-Modern British Songs

4YA, Wednesday.

#### Old-time Concert

1YA, Thursday.

#### "Sweet Lavender"

2YA, Thursday.

#### "A Night at Home with the Optimists"

2YA, Saturday.

#### "The Sultan of Ju-ju Land"

3YA and 4YA, Saturday.

The St. Kilda Band, under Mr. James Dixon, will provide the concert programme. The vocalists will be The Harmonists, whose singing of concert numbers will be a most enjoyable feature of the evening's entertainment.

## WEDNESDAY

#### Auckland Notes

**A** DEBATE which is to take place in the Auckland University Hall between the visiting American debaters and a team from the Auckland University will be broadcast.

#### Items from 2YA

**AT** 7.40, Mr. Eric Lawson will broadcast a talk on "Native Bird Protection." The international programme will occupy the programme from 8 p.m., the lecturer being Dr. Guy H. Scholefield.

#### Selections from Christchurch

Maisie Ottey and her Orpheans, an excellent orchestral combination, will give their first radio performance at 3YA. They will present a miscellaneous programme of up-to-date numbers.

#### Notes from Dunedin

**A** LECTURE-RECITAL to be given under the auspices of the Society of Professional Musicians of Otago, by Alfred Wainman (tenor) and F. Watt (bass) will be an outstanding portion of the programme. The subject will be "Ultra-Modern British Songs."

## THURSDAY

#### Winter Beverages

**FROM** 1YA, 2YA and 3YA the afternoon talk, prepared by the Home Science Extension Department of Otago University, will be on "Winter Beverages."

#### Auckland Topics

**THIS** week is "Country Week," in connection with the Auckland Winter Exhibition, so a special old-

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time concert has been arranged, and will be given by the IYA Broadcasting Choir and the Orchestral Octet.

### From Wellington

A **THREE-ACT** comedy, "Sweet Lavender," by A. W. Pinero, will be presented during the evening. The comedy will be produced under the direction of Clement May, who will also play the leading role of Richard Phenyl, a barrister. The cast of eleven is well chosen, and the comedy should prove most interesting to listeners.

A contemporary writes of the author: "A. W. Pinero avowedly designed the piece as a pleasant entertainment, and the proof that he accomplished his purpose is the fact of the phenomenally successful career of the work all over the world."

### Notes from 3YA

UNDER the auspices of the Canterbury Forestry League, Mr. C. E. Foweraker will continue his talks on "Forestry."

A **RECITAL** of "Songs off the Beaten Track," to be given by W. H. Dixon, L.R.A.M., A.R.C.M., will be a feature of the programme.

The lecture will be illustrated by three songs: "Water Boy," "Five Little Japanese Songs," "Old Man Might Have Been." Other attractive features of the programme will be two playlets, with Naare Hooper and E. L. Shaw taking the leading roles. Miss Addie Campbell, popular soprano, will sing three songs, to orchestral accompaniment.

## FRIDAY

### At IYA

AN interesting variety programme has been arranged. The Laloma Quartet, a talented group of islanders who have toured Australia under engagement to the Union Theatre, will be heard in several delightful melodies. The Snappy Three will be heard in

several of the latest ballads, and Dorothea Ryan will entertain at the piano.

### Wellington Topics

FEATURED on the evening programme will be E. Macpherson, exponent of the banjo, who has the reputation of being one of the foremost soloists in Australia and New Zealand. He has appeared before the micro-



MR. J. CROSSLEY CLITHEROE, Lecturer in Music at the Dunedin Training College. As "The Cross Uncle," Mr. Clitheroe delights the children with his charming talks on the making of tunes, broadcast each Friday night from 4YA.  
—Photo, Patillo, Dunedin.

phone at all the A class stations in the Commonwealth. He will be heard in "Melody in F" by Rubenstein, "Stars and Stripes," "Medley of Popular Choruses" (his own arrangement), and "Kashmiri Song." Gwladys Edwardes (soprano) will again delight listeners in a cycle of songs by Arundale. "The Sketchers" will be heard in two humorous items.

### Notes from 3YA

THE vocal portion of the programme will be provided by the Valencia Quartet, in solos and concerted numbers. A programme of popular orchestral music will be provided by the Studio Octet. The evening's programme will conclude with a half-hour gramophone lecture-recital by Mr. Karl Atkinson on "Some Famous Voices."

### Items from Dunedin

ONE of the weekly health talks by Dr. Duncan Cook, of the Department of Health, will be broadcast at 7.40 p.m. The subject will be, "The Prevention of Diphtheria and Scarlet Fever."

The concert programme will be both varied and popular.

## SATURDAY

### IYA Selections

A **CONCERT** by the Auckland Municipal Band will be relayed from the Town Hall by IYA.

### Features from 2YA

THE Wellington Y.M.C.A. Optimists Club will provide the concert programme. Listeners are all familiar with the type of programme presented by this bright and breezy club. This evening's entertainment, entitled "A Night at Home with the Optimists" will be no exception.

In conjunction with the Optimists will be the Salon Orchestra, under Mat Dixon, to be heard in selections such as: "Sanderson's Popular Songs," "Country Dance Tunes," "Yalse Mignonne," the concert waltz "Amour-ette," and the latest dance novelties.

### 3YA and 4YA

"The Sultan of Ju-Ju-Land," a comedy, will be produced in 4YA Studio and broadcast by 3YA and 4YA.

### A Well-known Entertainer

DOUG. STARK, well known to 2YA listeners as a popular entertainer, is now in London. He has been gaining further experience as an entertainer before the microphone and on the concert platform. He travelled Home via America, and he writes an interesting account of his experiences. During his stay in America he appeared on the vaudeville stage and did some film work in Hollywood. He also broadcast from some of the American stations and was well received. The experience thus gained should be of great value to Mr. Stark, whose ability as an entertainer, producer, and author of sketches is already well known.

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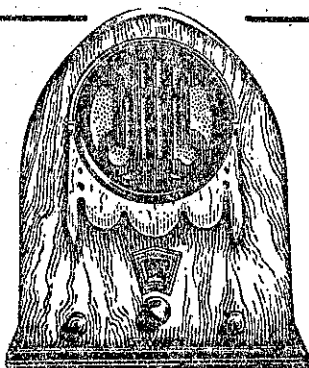
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# Full Programmes for Next

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## Sunday, July 12

### 1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, JULY 12.

- 3.0 : Chimes. Relay of portion of Organ Recital by the City Organist, Mr. Maughan Barnett, from the Auckland Town Hall, interspersed with selected studio items.
- 6.0 : Children's Song Service, conducted by Uncle Bert.
- 7.0 : Relay of Divine Service from St. David's Church.
- 8.30 (approx.) : Overture—Berlin State Opera Orchestra, "Stradella." Soprano—Miss Edith Whittaker, "The Swallow Song" (Thomas). March—Orchestral Octet, under direction of Mr. Harold Baxter, March from "Damnation of Faust" (Berlioz); orchestral, Largo from "New World's Symphony" (Dvorak). Baritone—Mr. George Martinengo, (a) "Song of Songs" (Moya); (b) "Brian of Glenaar" (Graham). Evening forecast and announcements. The Orchestral Octet, incidental music to "Othello" (Cokeridge-Taylor). Violin—Erica Morini, (a) "Verlassen" (Koschat); (b) "Danses Tziganes" (Nachez) (Polydor 69862). Soprano—Miss Edith Whittaker, (a) "Cradle Song" (Schubert); (b) "She Wandered Down the Mountain Side" (Clay). Intermezzo—Orchestral Octet, "Amorosa" (Bridgewater); serenade, "Sorrento" (Severne); romance, "Song of Adoration" (Harrison). Baritone—Mr. George Martinengo, "When I was a Bachelor" (Gregory). Choir—Tomanerchor, (a) "Silent Night, Holy Night" (Gruber); (b) "A Branch is Sprung Forth" (Pratorius) (Polydor 95376). Suite—Orchestral Octet, "The Fragrant Year" (Ewing); (a) "Spring Rhapsody," (b) "Summer Dance," (c) "Autumn Idyll," (d) "Neath the Winter Moon."
- 10.0 : God save the King.

### 2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, JULY 12.

- 3.0 : Selected gramophone recordings.
- 6.0 : Children's Song Service, conducted by Uncle George, assisted by the Children's Choir from the Terrace Congregational Church.
- 7.0 : Relay of Evening Service from Taranaki Street Methodist Church. Preacher, Rev. T. R. Richards. Organist and Choirmaster, Mr. H. Temple White.
- 8.15 (approx.) : Relay of Concert by the Wellington Municipal Tramways Band from St. James Theatre (Conductor, Mr. E. Franklin). God save the King.

### 3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, JULY 12.

- 3.0 : Gramophone recital.
- 5.30 : Children's Song Service by Children from Baptist Sunday Schools.
- 6.15 : Chimes from studio.
- 6.30 : Relay from Oxford Terrace Baptist Church. Preacher, Rev. L. A. North. Organist, Mr. Melville Lawry. Choirmaster, Mr. K. G. Archer.
- 8.0 (approx.) : Selected recordings.
- 8.15 (approx.) : Relay of programme from 4YA, Dunedin.
- 10.0 (approx.) : God save the King.

### 4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, JULY 12.

- 3.0 : Selected gramophone recordings.
- 5.30 : Children's Song Service, conducted by Big Brother Bill.
- 6.15 : Selected 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 : Selections—The Sextette, (a) "Caprice" (Moszkowski); (b) "Carissima" (Elgar).
- 8.23 : Baritone—Mr. D. J. Stallard, (a) "Three Hundred Miles from London" (Drummond); (b) "Heart of Gold" (Manney).
- 8.29 : Ballet music—Band of H.M. Grenadier Guards, "Sylvia Ballet" (Delibes); (a) "Pizzicato"; (b) "Barcarolle"; (c) "March."
- 8.33 : Contralto—Miss Dorothy L. Stentiford, (a) "When Maybells Ring" (Newton); (b) "God's Garden" (Lambert).
- 8.40 : Selection—The Sextette, "Four Pieces for Strings" (Bach).
- 8.51 : Tenor—Mr. Alfred Wainwright, with orchestral accompaniment, (a) "Donegal Hills" (Kirk-Burnnand); (b) "Songs of Thanksgiving."
- 8.57 : Cello—Miss V. Moffatt, "La Agreable" (Old French Dance).
- 9.0 : Evening weather report and station notices.
- 9.2 : Philadelphia Symphony Orchestra, "Hungarian Rhapsody No. 2."
- 9.10 : Baritone—Mr. D. J. Stallard, "Fiddle and I" (Goodeve).

- 9.14 : Selection—The Sextette, (a) "Dance of the Sunfeast" (Waller); (b) "Chanson Indoue" (Rimsky-Korsakov).
- 9.22 : Contralto—Miss Dorothy L. Stentiford, "I Will Lift Up Mine Eyes."
- 9.25 : Selections—The Sextette, (a) "Valse des Alouettes" (Drigo); (b) "Danse des Bacchantes" (Gounod).
- 9.34 : Violin—Francis Arany, (a) "Melody" (Gluck-Kreisler); (b) "Tempo di Minuetto" (Paganini-Kreisler) (Polydor 90044).
- 9.40 : Tenor—Mr. Alfred Wainwright, with orchestral accompaniment, "The Holy City" (Adams).
- 9.44 : Piano—Mrs. C. Drake, "Joy of Man's Desiring" (Bach).
- 9.48 : Male quartet—Fritz Priess Quartet, (a) "In der Pfalz" (Beda-Benes); (b) "Lebhohl, Schwarzbraunes Magdelein" (Erwin-Beda).
- 9.54 : March—The Sextette, "Great Big David" (Lotter).
- 10.0 : God save the King.

### 2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, JULY 12.

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

## Monday, July 13

### 1YA, AUCKLAND (900 KILOCYCLES)—MONDAY, JULY 13.

SILENT DAY.

### 2YA, WELLINGTON (720 KILOCYCLES)—MONDAY, JULY 13.

- 10.0 : Chimes. Selected gramophone recordings.
- 11.12 : Lecturette—"Cooking."
- 11.37 : Lecturette—"Health Hints or First Aid."
- 12.0 : Lunch music session.
- 2.0 : Selected recordings.
- 3.30 and 4.30 : Sporting results to hand.
- 5.0 : Children's session, conducted by Uncle Jeff.
- 6.0 : Dinner music session (H.M.V.)—San Francisco Symphony Orchestra, "Coppelia Ballet—Automatons Dance" (Delibes) (D1272). Victoria Orchestra, "La Serenata" Waltz (Metra) (Zono. EF32). John Baribroli's Chamber Orchestra, "A Little Night Music" Serenade (Mozart) (C1655/6). 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" Waltz (Rosey) (Zono. EF32). New Mayfair Orchestra, "Love Lies" Selection (C1658). International Concert Orchestra, "Over the Waves" Waltz (Rosas).
- 7.0 : News session, market reports and sports results.
- 8.0 : Chimes. Overture—Berlin State Opera Orchestra, "Italiana in Algeria" (Rossini) (Parlo. A4158).
- 8.9 : Baritone—Mr. Val Jones, (a) "I Love You More" (Lee); (b) "So Fair a Flower" (Loehr).
- 8.15 : Musical portrait series—"Russian Music." Trio—Madame Evelyn de Mauny, Mr. Leon de Mauny and Mr. Claude Tanner, "Trio in D Minor" (1st Movement—Allegro Moderato). Violin and piano—Mr. Leon de Mauny and Madame Evelyn de Mauny, "Andante" from "Sonata in D" (Cui).
- 8.29 : Soprano—Madame Dorothy Cronin, F.T.C.L., with orchestral accompaniment, (a) "Nobil Signor" (from "Les Huguenots") (Meyerbeer); (b) "Love Has Eyes" (Bishop); (c) "The Cloths of Heaven" (Dunhill).
- 8.39 : Organ—Leo Stin, "Peer Gynt" (Grieg), "Morning," "Death of Ase."
- 8.46 : Contralto—Miss Evelyn Robinson, with orchestral accompaniment, (a) "Madrilga" (Chaminade); (b) "Silent Moon" (Vaughan Williams).
- 8.52 : Selections—2YA Orchestra (Conductor, Signor A. P. Truda), "In the Silence of the Night" (Rachmaninoff); "Serenade."
- 9.0 : Evening weather forecast and station notices.
- 9.2 : Orchestra and chorus—Berlin State Opera Chorus and Orchestra, "Carmen Ballet—Music and Introduction to Act 4" (Bizet).
- 9.10 : Soprano—Madame Dorothy Cronin, F.T.C.L., (a) "Twas in the Golden Time of Spring"; (b) "Slow, Horses, Slow" (Mallinson); (c) "Scythe Song" (Harty).
- 9.19 : Trio—Madame Evelyn de Mauny, Mr. Leon de Mauny and Mr. Claude Tanner, "Andante Con Moto and Finale" (from "Trio in G Minor") (Mendelssohn).
- 9.34 : Baritone—Mr. Val Jones, with orchestral accompaniment, (a) "Loving Smile of Sister Kind" (from "Faust") (Gounod); (b) "Nelson's Gone A-Sailing" (Loehr).

# Week-all Stations-to July 19

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

- 9.40: Organ—Leo Stin, "Peer Gynt Suite" (Grieg), (a) "Anitra's Dance"; (b) "Solveig's Song" (Poly. 23164).
- 9.46: Contralto—Miss Evelyn Robinson, (a) "The Bitterness of Love" (Dunn); (b) "The Sea Hath Its Pearls" (Bairstow).
- 9.51: Male choir—Singing Teachers' Society, "Brothers, Your Hands."
- 9.54: Valse—2YA Orchestra, "Valse Triste" (Sibelius); Selection, "From Foreign Parts" (Moszkowski).
- 10.0: Dance programme (Polydor)—  
Foxtrots—Marimba Original Excelsior de Guatemala, "Vamos Al Merendon" (Jorga Vasquez) (21903).  
Ben Berlin Dance Orchestra, "First the Right Leg" (Kollo) (23394); "A Very Good Chum" (Heymann) (23534).
- 10.1: Waltz—Hja Livschakoff Dance Orchestra, "You've Been My Lucky Star" (Stolz) (23400).  
Foxtrots—Ben Berlin Dance Orchestra, "Just You" (Nelson) (23394).  
Paul Godwin's Dance Orchestra, "Both You and Myself."
- 10.18: Vocal—Jack O'Hagan, "Rambling Down the Roadway" (O'Hagan).
- 10.21: Tangos—Jose M. Lucchesi and His South American Orchestra, "Alla Va El Caldo" (Pippo Rache) (22060); "La Voz Del Viento" (Lucchesi) (22059); "Amarguera" (Lucchesi).  
Waltz—Paul Godwin's Dance Orchestra, "Goodbye" (Spoliansky).
- 10.30: Foxtrots—Ben Berlin Dance Orchestra, "To Begin With a Big Question Mark" (Heymann) (23533); "Hello Sweet Lady" (Heymann) (23534); "My Heart is Longing For You." (Harris).
- 10.39: Vocal—Jack O'Hagan, "With My Guitar and You" (Harris).
- 10.42: Tangos—Marimba Original Excelsior de Guatemala, "Nubes de Humo" (21905).

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

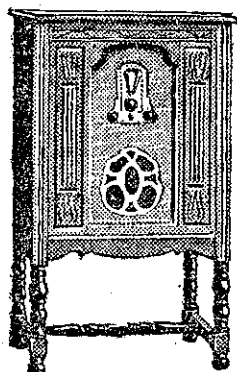
## 3YA, CHRISTCHURCH (930 KILOCYCLES)—MONDAY, JULY 13.

- 3.0: Gramophone recital.
- 4.25: Sports results.
- 5.0: Children's hour.
- 6.0: Dinner music session (H.M.V.)—  
Reginald King and His Orchestra, "Song O' My Heart" Selection.  
Organ—Edward O'Henry, "Dream Love" (Schertzing) (B3428).  
Marek Weber and His Orchestra, "Rustle of Spring" (Sinding).  
Piccadilly Orchestra, "None But the Weary Heart" (Tschaikowsky).  
Band of H.M. Coldstream Guards, "Faust" Selection (Gounod).  
Piccadilly Orchestra, "Friend O' Mine" (Sanderson) (B2857).  
Marek Weber and His Orchestra, "The Beggar Student" (Millocker).  
Organ—Edward O'Henry, "Just as We Used to Do" (Rulli) (B3428).  
International Novelty Quartet, "Merry Widow Waltz" (Lehar).  
Polydor String Orchestra, "In Indra's Land" (Lincke) (Poly. 19677).  
Marek Weber and His Orchestra, "My Darling Waltz" (Waldteufel).  
International Novelty Quartet, "The Veleta" (Morris) (Zono. 5587).
- 7.0: News session.
- 7.30: Dialogue—Messrs. E. E. Wiltshire and F. C. Fairclough, "Story of the Garden" (continued).
- 8.0: Chimes. Band Programme by New Brighton Municipal Band (Conductor, Mr. J. Nuttall), and assisting 3YA Artists.  
March—Band, "Majestic" (Teasdale); One-step, "We All Go-o-o, Ha! Ha! Together" (Harrington).
- 8.8: Tenor—Mr. Adam S. Mitchell, (a) "Maiden Mine" (Sterndale Bennett); (b) "The Captain's Ditty" (Seymour Ellis).
- 8.14: Banjo—Harry Reser, (a) "Cracker Jack" (Reser); (b) "Flapperette."
- 8.20: Mezzo-contralto—Mrs. Sen Jowett, (a) "In Springtime" (Newton); (b) "Morning and You" (Aylward).
- 8.25: Waltz—Band, "Moonlight on the Colorado" (Campbell).
- 8.32: Humorous recitation—Mr. Denys Cow, "With the Photographer."
- 8.43: Accordion—Michel Haling, (a) "Mya Valse"; (b) "La Mitrailleuse."
- 8.49: Baritone—Mr. Percy Caithness, (a) "Inter Nos" (MacFadyen); (b) "Just a Cottage Small" (Hanley).
- 8.53: Foxtrots—Band, (a) "Bathing in the Sunshine" (Nicholls); (b) "Three Little Words" (Ruby).
- 9.1: Weather report and station notices.
- 9.3: Rumanian Gypsy Orchestra, "La Backon" (Rumanian song).
- 9.6: Tenor—Mr. Adam S. Mitchell, "True Till Death" (Scott Gatty).
- 9.12: Selection—Band, "Musical Fragments" (Rimmer).
- 9.20: Mezzo-contralto—Mrs. Sen Jowett, (a) "Husheen" (Needham); (b) "For Ever and a Day" (Albert Mack).
- 9.25: Novelty Trio—Grinzing Schrammel Trio, (a) "Gay and Jolly"; (b) "Jolly Alpine Larks" (Dietrich) (Poly. 23477).
- 9.31: Humour—Mr. Denys Cow, "Wrongly Attributed" (Milne).
- 9.36: Foxtrots—Band, (a) "My Sunshine Came on a Rainy Day" (Campbell); (b) "Sing Something Simple" (Hupfield).
- 9.44: Baritone—Mr. Percy Caithness, (a) "Loch Lomond and You" (Drummond); (b) "A Wee Hoose Mang the Heather" (Elton and Lauder).
- 9.49: Male chorus—The Jolly Old Fellows, "Drinking Songs."
- 9.55: March—Band, "The Toilers" (Francis).
- 10.1: God save the King.

## 4YA, DUNEDIN (650 KILOCYCLES)—MONDAY, JULY 13.

- 3.0: Afternoon session.
- 5.0: Children's Hour, conducted by Uncle Jack.
- 6.0: Dinner music session (H.M.V.)—  
Vienna Philharmonic Orchestra, "Morning, Noon and Night in Vienna.".  
New Light Symphony Orchestra, "Cavalleria Rusticana" Intermezzo.  
International Novelty Orchestra, "Gold and Silver" (Lehar) (EF22).  
Victor Concert Orchestra, "Romance" (Tschaikowsky) (Zono. EF7).  
Philadelphia Symphony Orchestra, "Casse Noisette" (Nutcracker Suite) (Tschaikowsky), (a) "Miniature Overture," (b) "March," (c) "Dance of the Sugar Plum Fairy," (d) "Russian Dance," (e) "Arab Dance," (f) "Chinese Dance," (g) "Dance of the Flutes," (h) "Waltz of the Flowers" (D1214-16).  
Paul Whiteman and His Concert Orchestra, "Caprice Futuristic."  
New Mayfair Orchestra, "Sons o' Guns" Selection (C1982).  
New Light Symphony Orchestra, "Barcarolle" from "Tales of Hoffman." (Offenbach) (B2377).  
International Novelty Orchestra, "Emperor" (Strauss) (Zono. EF22).

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- 7.0 : News session.  
 7.30: Talk—Mr. John Bowie, "The Early History of Otago."  
 8.0 : Chimes. Specially Recorded International programme. Dr. Eugene Ormandy and His Salon Orchestra; International Singers; Ambassadors of Melodyland; Abroad with the Lockharts; Weather Report. Talk—Dr. E. N. Merrington, Principal of Knox College, "The International Body"; Hywide and Handsome; Nat Brusiloff and His Lido Venice Orchestra.  
 God save the King.

## 2YB, NEW PLYMOUTH (1230 KILOCYCLES)—MONDAY, JULY 13.

8.0 to 10.0 p.m.: Concert programme.

# Tuesday, July 14

## IYA, AUCKLAND (900 KILOCYCLES)—TUESDAY, JULY 14.

- 8.0 : Chimes. Selected recordings.  
 8.15: Talk—Mrs. Leslie Crane, "Beauty of Mind and Body in Relation to Diet."  
 9.0 : Children's session, conducted by Uncle Dave.  
 9.0 : Dinner music session (Parlophone)—  
 Opera Comique Orchestra, "Scenes Pittoresques" March and Fete Boheme (Massenet) (A4057).  
 Dajos Bela Orchestra, "Morgenblatter" (Strauss) (A4038).  
 Berlin State Opera House Orchestra, "Iris" Dances (A1012).  
 Pavillon Lescaut Orchestra, "Drink, Brother Drink" (A8150).  
 Dajos Bela Orchestra, "Fantasie Orientale" (Lange) (A4003).  
 Berlin State Opera House Orchestra, "Lohengrin" Introduction to Act III (Wagner) (A4030).  
 Pavillon Lescaut Orchestra, "Oh! Miss Greta" (Flossas) (A8150).  
 Ernest Leggett London Octet, "Operatic Fantasia" (arr. Aldington).  
 Edith Lorand's Orchestra, "Prelude in C Sharp Minor."  
 Orchestra Mascotte with Dajos Bela, "Whispering of the Flowers."  
 Berlin State Opera House Orchestra, "Die Rantzen" Selection.  
 Orchestra Mascotte with Dajos Bela, "The Flowers' Dream."  
 Dajos Bela Orchestra, "Marien Klange" Waltz (Strauss) (A4038), "Russian Fantasia" (Lange) (A4003).  
 10.0 : News and market reports.  
 7.40: Talk—Mr. N. M. Richmond, B.A. "The New Russia" (under the auspices of the W.E.A.).  
 8.0 : Chimes. Specially Recorded International Programme.—Dr. Eugene Ormandy and His Salon Orchestra; International Singers; Ambassadors of Melodyland; Abroad with the Lockharts; Weather report; International Talk—Mr. Frank Leonard, (Chairman of International Relations Committee of the Auckland Rotary Club) "The International Mind"; Hywide and Handsome; Nat Brusiloff and His Lido Venice Orchestra.  
 God save the King.

## 2YA, WELLINGTON (720 KILOCYCLES)—TUESDAY, JULY 14.

- 10.0 : Chimes. Selected gramophone recordings.  
 11.12: Lecturette—"Fabrics and Fashions."  
 11.37: Lecturette by a Representative of the Plunket Society.  
 12.0 : Lunch-hour music.  
 2.0 : Educational session.  
 3.0 : Chimes. Selected gramophone recordings.  
 3.30 and 4.30: Sporting results to hand.  
 5.0 : Children's session, conducted by Uncle Toby and Jumbo.  
 6.0 : Dinner music session (Polydor)—  
 Paul Godwin's Dance Orchestra, "The World's Best Waltzes" Medley.  
 Ilja Livschakoff Orchestra, "Fiddler, Where is Your Home?" (Stolz).  
 Vienna Schrammel Quartet, "Serenade" (Heykens) (21919).  
 Paul Godwin's Orchestra, "Marche Grotesque" (Sinding) (22900).  
 Ilja Livschakoff Dance Orchestra, "Roses of the South" (Strauss).  
 Organ—H. Wood, "Songs My Mother Taught Me" (Dvorak) (23304).  
 Orchestra Mascotte, "Amoureuse" Waltz (Berger) (Parlo. A3135).  
 Paul Godwin's Orchestra, "The Clock and the Dresden Figures."  
 Ilja Livschakoff Orchestra, "Hungarian Medley" (Leopold) (23539).  
 Vienna Schrammel Quartet, "Silk and Velvet" Waltz (Ziehrer) (21919).  
 Paul Godwin's Orchestra, "Joy Bells" (Blaauw) (22900).  
 Organ—H. Wood, (a) "Song Without Words" (Mendelssohn); (b) "Adagio from L'Arlesienne" (Bizet) (23304).  
 Ilja Livschakoff Dance Orchestra, "Blue Danube" (Strauss) (23626).  
 Dajos Bela Orchestra, "The Grenadiers" Waltz (Waldteufel).  
 La Argentina, Castanets with Orchestra, "Dance No. 5" (Granados).  
 Paul Godwin's Orchestra, "The Cathedral Bells" (Becker) (23568).  
 7.0 : News session, market reports and sports results.  
 7.40: Lecturette by a Representative of the Agricultural Department, "For the Man on the Land."  
 8.0 : Chimes. Overture—Barnabas von Geczy and His Orchestra, "Strauss Waltz Medley" (Strauss) (Parlo. A4126).  
 8.8 : Bass—Mr. J. M. Caldwell, (a) "Why Shouldn't I?" (Kennedy Russell); (b) "Come, My Own One" (Butterworth).  
 8.13: Selection—2YA Salon Orchestra (Conductor, Mr. M. T. Dixon), "The Girl from Brazil" (Romberg).

- Saxophone—Mr. S. Barrett, with orchestra, "Two Songs Without Words" (Mendelssohn).  
 8.23: Trio—Ariel Singers, "Gaily the Troubadour" (Macfarren).  
 8.27: Banjo band—Mrs. H. G. Reeves' Banjo Band, (a) march, "National Federation" (Lincoln); (b) selection, "Scotch Medley" (arr. Bloy).  
 8.33: Soprano—Miss Jeanette Briggs, L.A.B., "Spring's Awakening" (Sanderson); with chorus, "Dere's Only One Moon in de Sky" (King).  
 8.38: Waltz—Hawaiian Orchestra, "Tesoro Mio" (Becucci) (Poly. 23727).  
 8.41: Duet—Misses Jeanette Briggs and Ngaire Coster, "In the Dusk of the Twilight" (Offenbach).  
 8.45: Selection—2YA Salon Orchestra, "Scenes from an Imaginary Ballet."  
 8.55: Chorus—Parlophone Musical Comedy Company, "Viennese Nights."  
 9.1 : Evening weather report and station notices.  
 9.3 : March—Polydor Brass Band, "Graham Paige Legion" (Pryer).  
 9.6 : Contralto—Miss Ngaire Coster, (a) "A Brown Bird Singing" (Haydn Wood); (b) "Five Little Piccaninnies" (Anthony).  
 9.11: Mrs. H. G. Reeves' Banjo Band, (a) selection, "Tune Tonic" (Grimshaw); (b) medley, "Popular Airs" (arr. Reeves).  
 9.18: Tenor—Mr. Harry Brusey, with violin obligato, "For You Alone."  
 9.23: Cornet and trombone—Jack Mackintosh and Jesse Stamp, (a) "Miserere" (from "Il Trovatore") (Verdi) (Regal G20822).  
 9.26: Instrumental—Salon Orchestra, (a) "Serenade" (Drigo); (b) "Chanson de Nuit" (Elgar); (c) "Valse" (Levitzi).  
 9.36: Duet—Miss Jeanette Briggs and Mr. J. M. Caldwell, "The Singing Lesson" (Floravanti).  
 9.40: Melodeon—The Melodeon Players, (a) "Evelina Mazurka" (D'Alba); (b) "The Belle of Bodensee" (Trdtl.) (Regal G20950).  
 9.46: Quartet—Ariel Singers, "The Torpedo and the Whale" (Audran).  
 9.50: Dances—Salon Orchestra, "Two Irish Dances" (Finucane); Novelty, "Marionettes" (Felix).  
 10.0 : God save the King.

## 3YA, CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, JULY 14.

SILENT DAY.

## 4YA, DUNEDIN (650 KILOCYCLES)—TUESDAY, JULY 14.

- 3.0 : Selected recordings.  
 5.0 : Children's hour, conducted by Aunt Leonore.  
 6.0 : Dinner music session—(Polydor)—  
 Paul Godwin's Orchestra, "The Jolly Robbers" Overture (Suppe) (19490); "Stephanie-Gavotte" (Czibulka) (19486); "Feldblumen" (Westling) (21407); "Suite Ballet" (Popy) (1) "Entre Mazurka," (2) "Pizzicatti," (3) "Valse Lente," (4) "Largo," (5) "Final Galop" (19485/6); "Avant de Mourir" (Boulanger) (21407).  
 Symphony Orchestra, "Werther" (Massenet) (27161); "Coppelia Ballet" Fantasy (Delibes) (19505).  
 State Opera Orchestra, Berlin, "Othello Ballet" (Verdi) (66454); "La Dame Blanche" (Boieldieu) (66390); "Turkish March" (Mozart).  
 Paul Godwin's Quintet, (a) "Popular Song"; (b) "Tale" (Komzak).  
 7.0 : News session.  
 7.40: Talk—Mr. Lloyd Ross, "Conversations in Economic Problems—Third Series."  
 8.0 : Chimes. Concert by the St. Kilda Band (under Mr. Jas. Dixon) and 4YA Artists.  
 March—Band, "Mount Hobson" (Sutton).  
 8.5 : Mixed quartet—The Harmonists, "How Calmly the Evening."  
 Soprano—Miss Mae Matheson, "Annie Laurie" (Lady Scott).  
 8.11: Guitar—Palaikiko and Paaluhl, (a) "Mahina Malamahama"; (b) "Honolulu March" (Trdtl.) (Bruns. 4291).  
 8.17: Humour—Miss E. M. Holland, selection from "The Letters of Margaret Pow" (Slater).  
 8.22: Waltz—The Band, "Garland of Roses" (Greenwood).  
 8.31: Mixed quartets—The Harmonists, (a) "I Saw Lovely Phyllis" (Bevan); (b) "In the Twilight" (Brookes).  
 8.38: Selection—Band, "Rigoletto" (Verdi).  
 8.48: Contralto—Miss M. Green, "Eriskay Love Lilt" (Kennedy-Fraser).  
 8.51: Violin—Miss Eva Judd, "Spanish Airs" (Seybold).  
 8.54: Accordion duo—Gellin and Borgstrom, (a) "Blaze Away" (Holzmann); (b) "Gladiator's Farewell" (Blankenburg) (Poly. 22039).  
 9.0 : Evening weather report and station notices.  
 9.2 : Overture—The Band, "Zitella" (Hume).  
 9.11: Quartet—The Harmonists, "Wood Spirit's Song" (Smythe).  
 9.14: Cello—Gaspar Cassado, (a) "Papillon" (Faure); (b) "Arlequin."  
 9.22: Cornet polka—Mr. Vic. Aldridge, "The Redcap" (Moss).  
 9.28: Humour—Miss E. M. Holland, "Mrs. Arris at the Skating Rink."  
 9.34: Violin—Miss Eva Judd, "Minuet from Suite in D" (Vieuxtemps).  
 9.40: Male quartet—The Maestros, "After the Ball" (Graham) (Col. DO290).  
 9.44: Humoresque—Band, "March of the Mannikins" (Fletcher).  
 9.51: Baritone—Mr. C. S. Hawes, "On the Road to Mandalay" (Speaks).  
 9.55: Quartet—The Harmonists, "Whither Runneth My Sweetheart?"  
 9.58: March—Band, "March of the Fearless" (Betteridge).  
 10.2 : God save the King.

# Wednesday, July 15

## IYA, AUCKLAND (900 KILOCYCLES)—WEDNESDAY, JULY 15.

- 12.30: Relay of Community Singing from the Auckland Town Hall.  
 3.0 : Chimes. Selected recordings.  
 3.15: Literary selection.



- 5.0 : Children's session, conducted by Uncle Reg.  
 6.0 : Dinner music session (Polydor)—  
 Berlin State Opera House Orchestra, "Così Fan Tutte" Overture.  
 Efim Schachmeister's Dance Orchestra, "Second Waltz Medley."  
 Symphony Orchestra, "Frasquita" Medley (Lehar) (27025).  
 Paul Godwin's Orchestra, "First Love" (Michiels) (27006).  
 Symphony Orchestra, "The Last Waltz" Medley (Oscar Strauss).  
 Paul Godwin's Orchestra, "Cinderella's Bridal Procession" (Dicker).  
 Symphony Orchestra, "Eva" Medley (Lehar) (27025); "The Forester's Daughter" Medley (Jarno) (27049).  
 Paul Godwin's Orchestra, "Lake of Como" (Galos) (27006); "Throbbing Heart" (Ellenberg) (27007).  
 7.0 : News and market reports.  
 8.0 : Chimes. Broadcast on relay of a debate, "That Imperialism is a Menace," between teams representing American Universities and Auckland University College.  
 10.0 : God save the King.

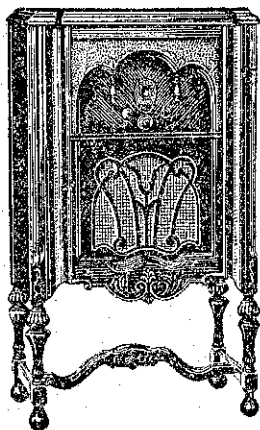
#### 2YA, WELLINGTON (720 KILOCYCLES)—WEDNESDAY, JULY 13,

- 10.0 : Chimes. Selected gramophone recordings.  
 11.12 : Lecturette—"Fashions."  
 11.37 : Lecturette—"Hollywood Affairs."  
 12.0 : Lunch-hour music.  
 12.0 : Selected gramophone recordings.  
 3.30 and 4.30 : Sporting results to hand.  
 5.0 : Children's session, conducted by Aunt Daisy.  
 6.0 : Dinner music session (Brunswick)—  
 Minneapolis Symphony Orchestra, "March Militaire" (Schubert).  
 A. and P. Gypsies' Orchestra, "The Far Away Bells" (Gordon) (4442).  
 Brunswick Salon Orchestra, "Little Grey Home in the West" (Lohr).  
 Peter Biljo's Balalaika Orchestra, "Blowing Winds" (57005).  
 Minneapolis Symphony Orchestra, "Coppelia Ballet" Prelude and Mazurka (Delibes) (50087).  
 Anglo-Persians' Orchestra, "My Little Persian Rose" (Friedland).  
 New York Philharmonic Orchestra, "Artist's Life" Waltz (Strauss).  
 A. and P. Gypsies' Orchestra, "Bohemian Romance" (4903).  
 Organ—Lew White, "Down South" (Myddleton) (4889).  
 Minneapolis Symphony Orchestra, "Prelude to Khowantchina" (50153).  
 A. and P. Gypsies' Orchestra, "Simple Confession" (Thome) (4442).  
 Cleveland Symphony Orchestra, "Shepherd's Hey"—A Morris Dance.  
 New York Philharmonic Orchestra, "Tales from the Vienna Woods."  
 Peter Biljo's Balalaika Orchestra, "The Wide Dnipter" (57005).  
 A. and P. Gypsies' Orchestra, "My Memories" (4903).  
 Minneapolis Symphony Orchestra, "Dernier Sommeil de la Vierge."

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- 7.0 : News session, market reports and sports results.  
 7.40 : Lecturette—Mr. Eric Lawson, "Native Bird Protection."  
 8.0 : Chimes. Special international programme—  
 Golden Hour of Music.  
 Adam and Eve.  
 Ohman and Arden.  
 Weather report.  
 International talk—Dr. Guy H. Scholefield, O.B.E.  
 High Spots.  
 International dance programme.  
 God save the King.

#### 3YA, CHRISTCHURCH (980 KILOCYCLES)—WEDNESDAY, JULY 15.

- 3.0 : Gramophone recital.  
 4.25 : Sports results.  
 5.0 : Children's Hour.  
 6.0 : Dinner music session (H.M.V.)—  
 International Concert Orchestra, "La Spagnola Waltz" (Di Chiara).  
 Novelty Orchestra, "Passion Rose" (Lehar) (Zono. EE200).  
 Berlin State Opera Orchestra, "German Dances" (Mozart) (D1624).  
 Organ—Sydney Gustard, "Un Peu D'Amour" (Silesu) (B3318).  
 Reginald King and His Orchestra, "The Song I Love" (Henderson).  
 H.M. Coldstream Guards Band, "La Fille De Madame Angot" (Lecocq).  
 The London Palladium Orchestra, "Sunset" (Matt) (C1898).  
 Vienna Philharmonic Orchestra, "Die Fledermaus" Waltz (Strauss).  
 International Concert Orchestra, "My Treasure" Waltz (Becucci).  
 Novelty Orchestra, "Midnight Bells" (Heuberger) (Zono. EE200).  
 Organ—Sydney Gustard, "Poupee Valsante" (Poldini) (B3318).  
 Reginald King and His Orchestra, "Garden in the Rain" (Gibbons).  
 The London Palladium Orchestra, "Dawn" (Matt) (C1898).  
 7.0 : News session.  
 7.30 : Addington stock market reports.  
 7.40 : Talk by an officer of the Department of Public Health "Household Sanitation."  
 8.0 : Chimes. Overture—Plaza Theatre Orchestra, "The Belle of New York." (Kerker) (Regal G30016).  
 8.8 : Baritone—Mr. Robert Lake, "The Bandolero" (Stuart).  
 8.12 : Instrumental—Maise Ottey and Her Orpheans, (a) "Personally I Love You" (Nelson), (b) "Barcarolle" (Offenbach), (c) "Baby's Birthday Party" (arr. Ottey).  
 8.22 : Male Quartet—Dixeland Four, (a) "Down By The Old Mill Stream" (Taylor), (b) "Put on Your Old Gray Bonnet" (Wenrick).  
 8.28 : 'Cello—Mr. Harold Beck, "Chant D'Amour" (Cosello).  
 8.31 : Contralto—Miss Kathleen Bond, (a) "Arise, O Sun" (Day), (b) "Ships That Pass in the Night" (Stephenson).  
 8.37 : Instrumental—Christchurch Broadcasting Trio, (a) "Rondo" (Hummell), (b) "At The Brook" (Boisdeffre), (c) "Humoresque."  
 8.47 : Vocal Septet—Ivan Wassiljeff Septette, (a) "Grandfather Pachom," (b) "Siberian Convict Song" (trdtl.) (Poly. 20805).  
 8.53 : Instrumental—Maise Ottey and Her Orpheans, (a) "Highway To Heaven" (De Sylva, Brown, Henderson), (b) "Tears" (Uhr), (c) "The Electric Girl" (Helmberg Holmes).  
 9.2 : Evening weather forecast and station notices.  
 9.4 : March—Polydor Brass Band, "The Petersburger" (Poly. 23567).  
 9.8 : Baritone—Mr. Robert Lake, (a) "Tune of the Open Country" (Huhn), (b) "Aylesbury Ducks" (Harding).  
 9.15 : Instrumental—Maise Ottey and Her Orpheans, (a) "My Bluebird Caught in the Rain" (Rich), (b) "One More Waltz" (McHugh), (c) "Three Little Words" (Ruby).  
 9.26 : Vocal—The Tahiwis, (a) "Mapu Kau," (b) "Pipiri Te Whetu" (trdtl.).  
 9.32 : 'Cello—Mr. Harold Beck, "La Danza" (Rossini).  
 9.35 : Instrumental—Christchurch Broadcasting Trio, (a) "Polacco" (Thomas), (b) "Valse" (Rebikov), (c) "La Coquette."  
 9.46 : Contralto—Miss Kathleen Bond, "Abide With Me" (Liddle).  
 9.50 : Instrumental—Maise Ottey and Her Orpheans, (a) "I Miss a Little Miss" (Coots), (b) "California Sunshine" (Ford), (c) "There's a Good Time Coming" (Butler).  
 10.0 : God save the King.

#### 4YA, DUNEDIN (650 KILOCYCLES)—WEDNESDAY, JULY 15.

- 3.0 : Selected recordings.  
 3.15 : Talk—"Our New Zealand Food Laws" by the Home Science Extension Service of Otago University.  
 5.0 : Children's Hour, conducted by Big Brother Bill.  
 6.0 : Dinner music session (Columbia)—  
 Bohemian Orchestra, "Love and Life in Vienna."  
 Organ—G. T. Pattman, "Alice Where Art Thou?" (trdtl.) (DO146).  
 Bruno Walter and Berlin Philharmonic Orchestra, "Roses of the South" (Strauss) (LOX34).  
 Band of H.M. Grenadier Guards, "Ivanhoe" Selection.  
 Bohemian Orchestra, "Destiny Waltz" (Baynes) (Regal G20775).  
 Herman Finck and His Orchestra, "Melodious Memories" (arr. Finck).  
 Plaza Theatre Orchestra, "A La Gavotte" (Finck) (01439).  
 J. H. Squire's Celeste Octet, "La Serenata" (Braga) (9116).  
 Venetian Players String Quintet, "Romanza" (Mozart, arr. Sear).  
 Percy Pitt's Orchestra, "Raymond" Overture (Thomas) (DOX34).  
 Plaza Theatre Orchestra, "Minuet" (Finck) (01439).  
 Organ—G. T. Pattman, "Cinderella Waltz" (Pattman) (DO146).  
 J. H. Squire's Celeste Octet, "Serenade" (Tidl) (9116).  
 7.0 : News session.

- 7.15: Talk—Mr. J. E. Davies, under auspices of 4YA Primary Productions Committee, "Results of Otago and Southland Calf Club Competition."
- 8.0: Chimes, Overture—Berlin State Opera Orchestra, "The Barber of Seville" (Rossini) (Parlo. A4193).
- 8.9: Contralto—Miss Mary Pratt, (a) "The Three Fishers" (Hullah), (b) "Roam As I May" (Roma), (c) "The Soft Day" (Stenford).
- 8.18: Instrumental Trio—"Daughter of the Regiment" (Donizetti).
- 8.28: Bass—Mr. F. Watt, (a) "The Two Grenadiers" (Schumann), (b) "Down Among the Dead Men" (17th Century Air).
- 8.34: Piano—Mr. Max Scherek, (a) "Scherzo in B Flat," (b) "Study in E Minor" (Chopin).
- 8.48: Soprano—Miss Aileen Young, (a) "Farewell, Ye Limp'd Spring" (Handel), (b) "To The Children" (Rachmaninoff), (c) "Mary Magdalene" (Harry).
- 8.52: Instrumental Trio—(a) "Serenade," (b) "Pierrette" (Chaminade).
- 9.0: Weather report and station notices.
- 9.2: Descriptive Lecture-Recital under the auspices of the Society of Professional Musicians of Otago, by Mr. Alfred Walmsley, tenor, and Mr. F. Watt, bass, "Ultra-Modern British Songs."
- 9.30: Dance session (Brunswick)—  
Foxtrots—Ben Bernie and His Orchestra, "To Whom It May Concern." Ozzie Nelson and His Orchestra, "Fall in Love With Me." Ben Bernie and His Orchestra, "Crying Myself To Sleep."
- 9.39: Waltz—Pavilion Lescaut Orchestra, "Listening To The Violin." Foxtrots—Jacques Renard and His Orchestra, "Under the Spell of Your Kiss" (Jasmyr) (4995).  
Bud Blue and His Orchestra, "Someone Sang a Sweeter Song to Mary" (Shand) (Parlo. A3103).
- 9.48: Vocal—Chester Gaylord, "Would You Like to Take a Walk?" (Dixon).
- 9.51: Foxtrots—Loring "Red" Nichols and His Orchestra, "Blue Again." Jacques Renard and His Orchestra, "We're Friends Again." Bud Blue and His Orchestra, "I'll Be Blue Just Thinking of You" (Wendling) (Parlo. A3103).
- 10.0: Tangos—Juan Llossas Orchestra, "One Look Into Your Eyes" (Gynla). Marimba Original Excelsior de Guatemala, "Padre Nuestro." Waltz—Regent Club Orchestra, "For You" (Dubin) (4990).
- 10.9: Vocal—Chester Gaylord, "It Must Be True" (Arnheim) (6030).
- 10.12: Foxtrots—Ozzie Nelson and His Orchestra, "Truly" (Hirsch) (6018). Jacques Renard and His Orchestra, "He's My Secret Passion" (Valentine) (4994).  
Waltzes—Nick Lucas and His Crooning Troubadours, "Say 'Hello' To The Folks Back Home" (Davis) (6013).  
Regent Club Orchestra, "Don't Forget Me In Your Dreams."
- 10.24: Two-steps—Juan Llossas Orchestra, "My Spain" (Marquina). Marimba Original Excelsior de Guatemala, "Joselillo." Juan Llossas Orchestra, "Andalusian National Character."
- 10.33: Vocal—Chester Gaylord, "Cheerful Little Earful" (Gershwin) (6028).
- 10.36: Foxtrots—Nick Lucas and His Crooning Troubadours, "Lady Play Your Mandolin" (Caesar) (6013).  
Loring "Red" Nichols and His Orchestra, "When Kentucky Bids The World 'Good Morning'" (Leslie) (6014).  
Jacques Renard and His Orchestra, "Little Spanish Dancer."
- 10.45: Tangos—Juan Llossas Orchestra, "Pretty Gigolo" (Casucci). Marimba Original Excelsior de Guatemala, "Fumando Espero" (Villadomat) (21906).
- 10.51: Foxtrots—Dick Robertson's Orchestra, "Would You Like To Take a Walk?" (Warren) (Pana. P12082).  
Pavilion Lescaut Orchestra, "The Dancing Tailor." Stellar Dance Band, "Strolling Thro' The Tulips."
- 11.0: God save the King.
- 2YA, WELLINGTON (720 KILOCYCLES)—THURSDAY, JULY 16.
- 10.0: Chimes. Selected gramophone recordings.
- 10.45: Lecturette—"Cooking."
- 11.37: Lecturette—"Children's Eyesight." Under the auspices of the Health Department.
- 12.0: Lunch music session.
- 2.30: Lecturette—Mr. A. E. Campbell, M.A. A W.E.A. Lecturette, "The Significance of Play."
- 3.15: Lecturette—Miss I. F. Meadows, "Winter Beverages." Talk prepared by the Home Science Extension Department of the Otago University.
- 3.30 and 4.30: Sporting results to hand.
- 5.0: Children's session, conducted by Uncle George and Big Brother Jack.
- 6.0: Dinner music session (Polydor)—  
Paul Godwin's Orchestra, "From Heidelberg to Barcelona." Paul Godwin's Quintet, "Minuetto" (Bolzoni) (19929).  
Paul Godwin's Orchestra, "Hearts and Flowers" (Tobani) (19932).  
Marek Weber and His Hotel Adlon Orchestra, "Under the Old Lime Tree" (Hugo Felix) (20456).  
Paul Godwin and Kunster Ensemble, "Potpourri of German Folk Songs" (arr. Hannemann) (19425).  
Paul Godwin's Quintet, "Dolls' Minuet" (Blon) (19929).  
Paul Godwin's Orchestra, "The Merry Peasant" (Fall-Leon) (19603).  
Marek Weber and His Hotel Adlon Orchestra, "Extase" (Ganne).  
Paul Godwin's Orchestra, "Sleeping Beauty's Bridal Trip" (Max Rhode) (19932); "The Count of Luxembourg" (Lehar) (19624).
- 7.0: News session, market reports and sports results.
- 8.0: Chimes. Presentation of Comedy in Three Acts, "Sweet Lavender" by Pinero, under the direction of Mr. Clement May. Scene—Chambers of Mr. Phenyl and Mr. Hale, No. 3 Brain Court, Temple, London. Time—Springtime. Cast: Mr. Geoffrey Wedderburn, Mr. W. J. Mountjoy, Junr.; Clement Hale, Mr. Robert Charlton; Dr. Delaney, Mr. John Storr; Richard Phenyl, Mr. Clement May; Horace Bream, Mr. Ken Aitken; Mr. Maw, Mr. B. Cahill; Mr. Bulger, Mr. John Watchman; Mrs. G.Hallan, Miss Lenore Pulsford; Minnie G.Hallan, Miss Rangehlde Mee; Ruth Rolt, Miss Margaret O'Halloran; Lavender, Miss Dorothy Miller.
- Overture—Berlin State Opera Orchestra, "Stradella" (Flotow).  
Act 1—Morning, "Nobody's Business."  
Entr'acte—Dajos Bela Orchestra, "Viennese Life" (Translateur).  
Act 2—Evening of the Next Day, "Somebody's Business."  
Entr'acte—Dajos Bela Orchestra, "Traumideale" (Fucik).  
Act 3—A Week Later, "Everybody's Business."  
March—Band of H.M. Coldstream Guards, "Marche Aux Flambeaux."
- 10.0: God save the King.
- 3YA, CHRISTCHURCH (980 KILOCYCLES)—THURSDAY, JULY 16.
- 3.0: Gramophone recital.
- 3.15: Lecturette—"Winter Beverages." Talk prepared by the Home Science Extension Service, Otago University.
- 4.25: Sports results.
- 5.0: Children's session.
- 6.0: Dinner music session (H.M.V.).

## Thursday, July 16

### 1YA, AUCKLAND (900 KILOCYCLES)—THURSDAY, JULY 16.

- 8.0: Chimes. Selected recordings.
- 8.15: Talk—"Winter Beverages." Prepared by the Home Science Extension Service of Otago University.
- 5.0: Children's session, conducted by Skipper.
- 6.0: Dinner music session (Polydor)—  
Paul Godwin's Orchestra, "Polish Temper" (Nedbal) (19609).  
Paul Godwin's Trio, "For You" (Ozibulka) (21341); "Melodie."  
Paul Godwin's Orchestra, "Kismet" (Yamada) (V40261).  
Efim Schachmeister's Orchestra, "Dark Eyes" (Schachmeister).  
Paul Godwin's Orchestra, "Hearts and Diamonds."  
Paul Godwin's Quartet, "Serenata" (Bece); "Adoration" (Fillipucci).  
Polydor Orchestra, "Berlin as it Laughs and Weeps" (Conradi).  
Paul Godwin's Orchestra, "Love in Idleness" (Macbeth) (V40261).  
Efim Schachmeister Orchestra, "Kasbek" (Schachmeister) (20453).  
Paul Godwin's Orchestra, "Short But Delicious" (Schreiner).
- 7.0: News and market reports.
- 7.40: Talk—"Leather Tanning." Under the auspices of the New Zealand Manufacturers' Association.
- 8.0: Chimes. 1YA Broadcasting Choir and Orchestral Octet, "The Parish Concert."

Royal Opera Orchestra, "Faust" Ballet Music, 1st to 4th Movements.  
 San Francisco Symphony Orchestra, "Rosamunde" Entr'acte (Schubert).  
 National Symphony Orchestra, "Stradella" Overture (Flotow).  
 Organ—Reginald Foort, "The Riff Song" (Romberg) (B2463).  
 Philadelphia Symphony Orchestra, "Samson and Delilah"—  
 Bacchanale (Saint-Saens) (ED7).

Victor Olof Sextet, "Cherry Pie" (Scott) (B2397).

Royal Opera Orchestra, "Faust" Ballet Music, 5th and 7th Movements.  
 Organ—Reginald Foort, "The Desert Song" (Romberg) (B2463).  
 Philadelphia Symphony Orchestra, "Damnation of Faust" (Berlioz).  
 National Military Band, "Ballet Egyptien" (Luigini) (Zono. 354).  
 National Symphony Orchestra, "Norma" Overture (Bellini).

7.0 : News session.

7.30 : Talk—Mr. C. E. Foweraker, under the auspices of the Canterbury Forestry League, "Forestry" (continued).

8.0 : Chimes. Overture—Orchestra of the Conservatoire, Paris, "Le Rouet D'Omphale" (Saint-Saens) (Col. 02926).

8.8 : Soprano—Miss Addie Campbell, with orchestral accompaniment, (a) "Songs My Mother Taught Me" (Dvorak); (b) "Il Bacio" ("The Dream of Home") (Arditi).

8.15 : Instrumental—Studio Octet, "Carnival" Overture (Dvorak).

8.25 : Recital—Mr. W. H. Dixon, L.R.A.M., "Songs Off the Beaten Track", (a) "Water Boy" (Avery Robinson); (b) "Five Little Japanese Songs" (Woodforde-Pinden); (c) "Old Man Might Have Been."

8.43 : Instrumental—Studio Octet, "Four Pieces" (Bach).

8.53 : Scene—Miss Naara Hooper and Mr. H. L. Shaw, Scene from "The Hunchback" (Sheridan Knowles).

9.5 : Evening forecast and station notices.

9.7 : Instrumental—Studio Octet, "Minuet in G" (Beethoven).

9.11 : Soprano—Miss Addie Campbell with orchestral accompaniment, "A Song of Thanksgiving" (Allitsen).

9.15 : Instrumental—Studio Octet, "Entr'acte and Valse" (Delibes).

9.21 : Scene—Chamber Scene from "Romeo and Juliet" (Shakespeare); Juliet—Miss Naara Hooper; Lady Capulet—Miss Daisy Armstrong; Romeo—Mr. H. L. Shaw.

9.30 : Dance music (Columbia)—

Foxtrots—Ben Selvin and His Orchestra, "Around the Corner" (Kas-sel and Kahn) (DO175); "You Can't Be Unhappy if You Sing." Paul Specht and His Orchestra, "Santiago" (Stothart). Stellar Dance Band, "Minnie's Yoo-Hoo!" (W. Stalling).

9.42 : Waltz—The Four Bright Sparks, "Eleanor" (McCarthy Hanley).

Foxtrots—Van Phillips and His Band, "Just Like in a Story Book." Gil Dech and His Syncopators, "Bridge of Our Dreams Come True" (Monk) (DO166).

9.51 : Vocal duet—Sweet and Low Duettists, "By the Waters of Killarney."

9.54 : Foxtrots—Ipana Troubadours, "Cooking Breakfast for the One I Love" (Rose and Tobias) (DO89).

Columbia Photo Players, "Leave It That Way." Ipana Troubadours, "Kickin' a Hole in the Sky" (Greer). Columbia Photo Players, "The Whole Darned Thing's For You" (Ahliert) (DO127).

10.6 : Waltz—Frank Ferera's Hawaiian Trio, "Lazy Louisiana Moon."

Foxtrots—Paul Specht and His Orchestra, "Into My Heart" (Ahliert). The Four Bright Sparks, "High Society Blues" (McCarthy).

10.15 : Vocal—Cavan O'Connor, "The Sunshine of Marseilles" (Gilbert).

10.18 : Foxtrots—The Columbia Photo Players, "The Free and Easy."

Frank Ferera's Hawaiian Trio, "Pale Blue Waters." Stellar Dance Band, "The Toy Farm-Yard" (Weston).

Paul Whiteman and His Orchestra, "Livin' in the Sunlight."

10.30 : Waltzes—Stellar Dance Band, "I Feel You Near Me" (McCarthy).

Foxtrots—The Columbia Photo Players, "It Must Be You" (Turk). Ben Selvin and His Orchestra, "With My Guitar and You."

Paul Whiteman and His Orchestra, "You Brought a New Kind of Love to Me" (Fain) (07039).

Stellar Dance Band, "A Pair of Blue Eyes" (Kernell).

10.45 : Vocal duet—Sweet and Low Duettists, "Just an Old Refrain."

10.48 : Foxtrots—Van Phillips and His Band, "I'm in the Market for You." Gil Dech and His Syncopators, "Johnnie, Our Aeroplane Girl" (Lumsdaine) (DO84).

Debroy Somers Band, "Figaro" (Mitchell) (DO133). Gil Dech and His Syncopators, "A Lone Girl Flyer."

11.0 : God save the King.

Paul Godwin's Orchestra, "Sizilietta" (Von Blon) (22902); "Ca-jolery" (Ellenberg) (19841).

Efim Schachmeister's Jazz Symphonians, "Dubinuschka" (Schirmann). Paul Godwin's Orchestra, "Dolly's Dancing" (Rhode) (19710);

"Siciliano" (Jessel) (22902).

Paul Godwin's Jazz Symphonians, "Hullo 1930" (Borchert).

7.0 : News session and market reports.

7.40 : "Sports Talk."

8.0 : Chimes. Overture—Berlin State Opera Orchestra, "Der Rosenkavalier" (Strauss) (Poly. 69863).

8.9 : Soprano—Mrs. Stella M. Hall, (a) "June is in My Heart"; (b) "Song of the Nightingale" (Phillips).

8.14 : Novelty Instrumental—The Laloma Quartet, (a) "In Samoa" (arr. The Laloma Quartet); (b) "Maui Aloha" (Trdtl); (c) "Tau Tino" (Tahitian); (d) "Invercargill March" (Lithgow); (e),

"Meleana Medley" (arr. Tamatoa).

8.24 : Baritone—Mr. Morris T. Schroder, (a) "The Rosary" (Nevin); (b), "The Unknown Land" (Day).

8.31 : Piano—Raie da Costa, "King of Jazz" (H.M.V. B3538).

8.37 : Miss Dorothea Ryan will entertain at the Piano.

8.47 : Clarinet—Mr. S. C. Lewis, Fantasia on "Ye Banks and Braes."

8.53 : Novelty—The Snappy Three, (a) "Always in All Ways"; (b) "Beyond the Blue Horizon" (Whiting and Harling); (c) "Spring's in the Air" (The Love Race) (Clarke).

9.3 : Evening weather forecast and announcements.

9.5 : Chorus—Light Opera Company, "Lily of Killarney" (Benedict).

9.13 : Novelty Instrumental—The Laloma Quartet, (a) "Tas Nave Nave" (Tahitian); (b) "My Isle of Golden Dreams" (Kahn-Blaufuss); (c) "Hawaiian Hula" (Tahitian); (d) "Monika Waltz" (Trdtl); (e) "Saxophobia" (Wiedoeft).

9.25 : Soprano—Mrs. Stella M. Hall, (a) "The Charm of Spring" (Coningsby-Clarke); (b) "The Little Old Garden" (Lockton).

9.31 : Violin—Ibolyka Zilzer, (a) "Antique Dance" (Dassek-Burmester); (b), "Waltz No. 2" (Weber-Burmester) (Poly. 22859).

9.37 : Baritone—Mr. Morris T. Schroder, "The Perfect Day" (Bond).

9.41 : Clarinet—Mr. S. C. Lewis, Fantasia on "Long, Long Ago" (Rutler).

9.48 : Novelty—The Snappy Three, "Three Latest Hits."

9.58 : The Original Marimba Band, "Paso Doble"—"Sunshine of Spain."

10.1 : God save the King.

## 2YA, WELLINGTON (720 KILOCYCLES)—FRIDAY, JULY 17.

10.0 : Chimes. Selected gramophone recordings.

11.12 : Lecturette—"Fashions."

12.0 : Lunch music session.

2.0 : Selected gramophone recordings.

3.30 and 4.30 : Sporting results to hand.

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

6.0 : Dinner music session (H.M.V.)—

Coldstream Guards Band, "Figue 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" (Haydn Wood).

Virtuoso String Quartet, "Londonderry Air" (arr. Bridge) (C1470). Paul Whiteman and His Concert Orchestra, "Mississippi Suite—A Tone Journey" (Grove) (C1574).

Coldstream Guards Band, "Morning, Noon and Night" (Suppe). Ferdy Kauffman and His Orchestra, "The Gypsy Baron" Selection.

Symphony Orchestra, (a) "Waltz of the Hours" (b) "Variations from 'Coppelia'" (Delibes) (C1939).

Organ—Edward O'Henry, "Chant Sans Paroles" (Tschaikowsky). Zonophone Salon Orchestra, "Mighty Lak' a Rose" (Nevin).

Virtuoso String Quartet, "The Emperor Quartet"—Theme and Variations (Haydn) (C1470).

7.0 : News session, market reports and sports results.

8.0 : Chimes. Overture—2YA Orchestra (Conductor, Signor A. P. Truda). (a) "Poet and Peasant" (Suppe); (b) "Echoes des Bois" (Damare).

8.15 : Soprano—Miss Gwladys Edwardes, (a) "The Little Old Inn by the Sea," (b) "Bar Parlour," (c) "Folks Who Live Beside the Sea."

8.21 : Banjo—Mr. Stan. Williamson, (a) "Tattoo" (Grimshaw); (b) "Neapolitan Nights" (Zamecnik).

8.29 : Baritone—Mr. Claude Moss, with orchestral accompaniment, (a) "A Japanese Love Song" (Brahe); (b) "Four by the Clock."

8.35 : Sketch—The Sketchers, "New Year's Eve" (Lindo).

8.44 : Selection—2YA Orchestra, "Rainbow" (Gershwin).

8.54 : Soprano—Miss Gwladys Edwardes, (a) "The Rocking Chair," (b) "The Old Cradle," (c) "The Old Spinnet" (Arundale).

9.0 : Evening weather report and station notices.

9.2 : Banjo—Mr. Stan. Williamson, (a) "Marie" (Berlin), (b) "Take Your Pick" (Mandel).

9.10 : Baritone—Mr. Claude Moss, with orchestral accompaniment, "A Castilian Lament" (Del Riego).

9.14 : Sketch—The Sketchers, "Which is It?" (Moore).

9.22 : Suite—2YA Orchestra, "Salambo Suite" (Arends).

9.30 : Dance programme (Brunswick)—

Foxtrots—Isham Jones's Orchestra, "Trees" (Kilmer) (4856). Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "The Wedding of the Birds" (Tobias) (4926).

Tom Gerun and His Orchestra, "You're Lucky to Me" (Razaf) (4916); "My Love for You" (Kahn) (4971).

9.42 : Waltz—Joe Green and His Orchestra, "Song of the Big Trail" (4978).

## 4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, JULY 16.

SILENT DAY.

## Friday, July 17

### 1YA, AUCKLAND (900 KILOCYCLES)—FRIDAY, JULY 17.

3.0 : Chimes. Selected recordings.

3.15 : Literary selection.

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

6.0 : Dinner music session (Polydor)—

The Polydor String Orchestra, "La Muette de Portici" Overture. Paul Godwin's Orchestra, "Talkative" (Ellenberg) (19841); "Les Patineurs" (Waldteufel) (19710).

Jean Gilbert's Scala Orchestra, "Strolling Through Jean Gilbert's Hits" (Gilbert) (19725).

- Footrots**—Tom Gerun and His Orchestra, "Rollin' Down the River."  
Jacques Renard and His Orchestra, "Three Little Words."
- 9.51: Vocal**—Charles King, "Here Comes the Sun" (Freed) (4849).
- 9.54: Footrots**—Isham Jones's Orchestra, "Stardust" (Carmichael) (4856).  
Ozzie Nelson and His Orchestra, "Who's Calling You Sweetheart To-night?" (O'Flynn) (4979).  
Nick Lucas and His Crooning Troubadours, "I Miss a Little Miss" (Seymour, Coots) (4987).  
Ozzie Nelson and His Orchestra, "And Then Your Lips Met Mine" (Nelson) (4979).
- 10.6: Waltzes**—Regent Club Orchestra, "You Will Remember Vienna."  
Castlewood Marimba Band, "Drifting on to Avalon" (4980).
- 10.12: Footrots**—Colonial Club Orchestra, "On a Little Balcony in Spain."  
Jacques Renard and His Orchestra, "I Bring a Love Song."  
Nick Lucas and His Crooning Troubadours, "You're Driving Me Crazy" (Donaldson) (4987).
- 10.21: Vocal**—Chester Gaylord, "Confessin'" (Nelburg) (4871).
- 10.24: Footrots**—Tom Gerun and His Orchestra, "Cheerful Little Earful."  
Abe Lyman and His California Orchestra, "Never Swat a Fly" (De Sylva) (4924).  
Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "Say 'Oul, Cherie" (Robinson) (4926).  
Colonial Club Orchestra, "Sing-Song Girl" (McCarthy).
- 10.36: Vocal**—Charles King, "Leave a Little Smile" (Dubin) (4849).
- 10.39: Footrots**—Tom Gerun and His Orchestra, "Memories of You" (Razaf).  
Abe Lyman and His California Orchestra, "Old-Fashioned Girl" (De Sylva) (4924).  
Loring "Red" Nichols and His Orchestra, "Embraceable You"
- 10.48: Waltzes**—Castlewood Marimba Band, "Ukulele Moon" (Davis) (4980).  
Joe Green and His Orchestra, "I'm Alone Because I Love You" (Young) (4978).
- 10.54: Footrots**—Tom Gerun and His Orchestra, "My Sweetheart Serenade."  
Jacques Renard and His Orchestra, "A Girl Friend of a Boy Friend of Mine" (Kahn) (4939).
- 11.0: God save the King.**

### 3YA, CHRISTCHURCH (980 KILOCYCLES)—FRIDAY, JULY 17.

- 8.0: Gramophone recital.**
- 8.25: Sports results.**
- 9.0: Children's hour.**
- 9.0: Dinner music session (Parlophone)**—  
Frank Westfield's Orchestra, "The Belle of New York" Selection.  
Dajos Bela Orchestra, "Strauss, the Waltz King, at Home" (Weber) (A4260); "Ideale" (Tosti) (A4015); "Viennese Life—Waltz."  
Victor Olof Salon Orchestra, "Grieg" Selection (arr. Urbach) (A4250).  
Dajos Bela Orchestra, "Serenade" (Moszkowski) (A4015).  
Berlin State Opera House Orchestra, "Wine, Women and Song" Waltz.  
Dajos Bela Orchestra, "Traumideale" (Fueck) (A4259).  
Frank Westfield's Orchestra, "Our Miss Giggles" Selection (Monckton).  
Barnabas von Geczy and His Orchestra, "Strauss Waltz Medley."
- 7.0: News session.**
- 7.30: Dialogue**—Messrs. D. Cossgrove and W. Melbourne, "Radio Service."
- 8.0: Chimes.** March and overture—Studio Octet (Conductor, Harold Beck).  
(a) "The Majestic March" (Allan); (b) "Semiramis" Overture.
- 8.12: Tenor**—Mr. T. G. Rogers, "A Little Dream of You" (Fletcher).  
Quartet—Valencia Quartet, "The Beleaguered" (Sullivan).
- 8.18: Mandolins**—Berlin Mandolin and Lute Orchestra, (a) "Santiago" (Corbin); (b) "Blue Danube" (Strauss) (Poly. 21623).
- 8.24: Contralto**—Miss Jean Johnson, with orchestral accompaniment, (a) "Absent" (Metcalf); (b) "My Ships" (Barratt).
- 8.30: Bass**—Mr. E. J. Johnson, "For All Eternity" (Mascheroni).
- 8.33: Selections**—Studio Octet, (a) "Tout en Trotinant"; (b) "The Clock and the Dresden Figures"; (c) "Saltarella" (Pesce).
- 8.42: Quartet**—Valencia Quartet, "The Vicar of Bray" (arr. Fanning).  
Soprano—Miss Lucy Fullwood, with orchestral accompaniment, "Dream Boat" (Ivor Novello).
- 8.49: Selection**—Studio Octet, "Cabaret Girl" (Kern).
- 8.57: Contralto**—Miss Jean Johnson, (a) "June Music" (Trent); (b) "Thru the Sunny Garden" (Quilter).  
Tenor and bass—Valetta Duo, "The Battle Eve" (Bonheur).
- 9.5: Weather forecast and station notices.**
- 9.7: Balalaika Orchestra**, Gorskaja, "Zwei Gitarren" (Trdtl).
- 9.10: Quartet**—Valencia Quartet, "It was a Lover and His Lass" (Morley).  
Tenor—Mr. T. G. Rogers, with orchestral accompaniment, "Good Company" (Adams).
- 9.16: Valse**—Studio Octet, "España" (Waldteufel).
- 9.21: Soprano**—Miss Lucy Fullwood, with orchestral accompaniment, "Love's Old Sweet Song" (Molloy).  
Bass—Mr. E. J. Johnson, with orchestral accompaniment, "The Song of the Bow" (Aylward).  
Valencia Quartet, "Moonlight" (Fanning).
- 9.30: Gramophone lecture-recital** by Mr. Karl Atkinson, "Some Famous Voices."
- 10.0: God save the King.**

### 4YA, DUNEDIN (650 KILOCYCLES)—FRIDAY, JULY 17.

- 3.0: Afternoon session.**
- 5.0: Children's hour**, conducted by Aunt Anita.
- 6.0: Dinner music session (H.M.V.)**—  
Cedric Sharpe Sextet, "O, Lovely Night" (Ronald) (B3429).

- Berlin State Opera House Orchestra, "A Midsummer Night's Dream" Overture (Mendelssohn) (C1883/4).
- De Groot and the Piccadilly Orchestra, "If Only I Had You" (Davies).  
Organ—Jesse Crawford, "I'll Close My Eyes to the Rest of the World."  
Kirkloff's Balalaika Orchestra, "Medley of Old Time Songs."  
The Palladium Orchestra, "La Siesta" Barcarolle (Norton, arr. Lotter).  
De Groot Trio, "Paraphrase of Strauss Waltzes" (arr. de Groot).  
Berlin State Opera House Orchestra, "A Midsummer Night's Dream" Wedding March (Mendelssohn) (C1884).  
Cedric Sharpe Sextet, "Chanson Napolitaine" (D'Ambrosio).  
De Groot and the Piccadilly Orchestra, "Lolita" (Ferrete and Biessier).  
The Palladium Orchestra, "The Grasshoppers' Dance" (Bucalossi).  
Organ—Jesse Crawford, "How Am I to Know?" (King) (EA699).  
The Rhythmic Eight, "Neapolitan Nights" (Zamecnik).
- 7.0: News session.**
- 7.40: Talk**—"Prevention of Diphtheria and Scarlet Fever," by an Officer in charge of the Department of Health.
- 8.0: Chimes.**  
Overture—London Theatre Orchestra, "Frederica Selection" (Lehar).
- 8.9: Tenor**—Mr. D. D. Fogarty, (a) "Molly Bawn" (Lover); (b) "Believe Me, if all those Endearing Young Charms" (Moore); (c) "Love You Have Made Me a Garden" (Thompson).
- 8.18: Instrumental trio**—Miss B. Garland, and Messrs. A. H. Pettitt and Law, (a) "Swinging in a Hammock" (Wendling); (b) "The Little Red Roses" (Donaldson); (c) "It Happened in Monterey."
- 8.23: Male quartet**—Felix Schmidt Quartet, (a) "Spinn Spinn" (Jungst); (b) "Guten Abend Gute Nacht" (Brahms) (Poly. 23027).
- 8.34: Contralto**—Mrs. A. H. Ritchie, (a) "The Barefoot Trail" (Wiggins); (b) "That's What God Made Mothers For" (Wood); (c) "What Shall I Sing You?" (Barry).
- 8.43: Violin**—Miss Betty Garland, (a) "Tarantella" (Lachner); (b) "Rondino" (arr. Kreiser).
- 8.50: Scots humour**—Mr. James A. Patterson, (a) "When I Met McKay" (Lauder); (b) "I'm Looking for a Bonnie Lass to Love" (Lauder); (c) "We Always Have the First Verse First" (Alleya).
- 8.59: Organ**—Lew White, "Old Black Joe" (Foster).
- 9.2: Evening weather report and station notices.**
- 9.4: Xylophone**—Franz Kruger, "The Spanish Beggar Girl" (Orth).
- 9.10: Soprano**—Miss Rita Holmes, (a) "Always in All Ways" (Whiting); (b) "Beyond the Blue Horizon" (Whiting); (c) "Dream Away" (from "Bride of the Regiment" (Romberg)).
- 9.19: Instrumental trio**—Miss B. Garland, Messrs. Pettitt and Law, (a) "You Brought a New Kind of Love to Me" (Norman); (b) "Little White Lies" (Donaldson); (c) "Springtime in the Rockies."
- 9.30: Baritone**—Mr. A. Snell, (a) "Bonnie Dundee" (Hemery); (b) "Thora" (Adams); (c) "The Gay Highway" (Drummond).
- 9.39: Piano**—Mr. A. H. Pettitt, (a) "Flapperette" (Greer); (b) "Sneaking Blues" (Lowry).
- 9.44: Mezzo-soprano**—Miss Pearl O'Neill, (a) "The Wind" (Spross); (b) "Sleepy Hollow Tune" (Kountz); (c) "Advice" (Carew).
- 9.53: Waltz**—Chas. Ancliffe and His Orchestra, (a) "Thrills"; (b) "Nights of Gladness" (Ancliffe) (Col. D0310).
- 10.0: God save the King.**

## Saturday, July 18

### 1YA, AUCKLAND (900 KILOCYCLES)—SATURDAY, JULY 18.

- 3.0: Chimes.** Relay of description of Rugby Football Match from Eden Park.
- 5.0: Children's session**, conducted by Cinderella.
- 6.0: Dinner music session (Parlophone)**—  
Grand Symphony Orchestra, "Raymond" Overture (Thomas).  
Edith Lorand's Orchestra, "Wine, Woman and Song" (Joh. Strauss).  
Orchestra Mascotte with Edith Lorand, "Siren Magic" (Waldteufel).  
Orchestra of the Opera Comique, Paris, "Scenes Pittoresques" (Marche); (b) "Fete Boheme" (Massenet) (A4057).  
Dr. Ormandy's Instrumental Trio, "Barcarolle" (Offenbach).  
Edith Lorand's Orchestra, "Minuet" (Boccherini) (A4108).  
Edith Lorand Trio, "Trio" (Goldmark) (E10639).  
Edith Lorand's Orchestra, "Tales from the Vienna Woods" (Strauss).  
The Royal Music Makers, "Ah! Sweet Mystery of Life."  
Orchestra Mascotte with Edith Lorand, "I'd Like to Kiss the Ladies."  
Edith Lorand's Orchestra, "Toreador and Andalous" (Rubinstein) (A4108); "Roses of the South" (Joh. Strauss) (A2500).  
Dr. Ormandy's Instrumental Trio, "From the Land of the Sky-Blue Water" (Cadman) (A2542).  
The Royal Music Makers, "Kiss Me Again" (Herbert) (A2722).
- 7.0: News and market reports.**
- 7.40: Talk**—Mr. H. A. Boyd, under the auspices of the Association of Radio Transmitters, "The Principles of Radio."
- 8.0: Chimes.** Relay of Concert by the Municipal Choir, under the conductorship of Mr. Maughan Barnett, from the Auckland Town Hall.
- 10.0: Programme of Dance Music (H.M.V.)**—  
Footrots—Jack Hylton and His Orchestra, "The King's Horses."  
Ted Weems and His Orchestra, "My Baby Just Cares for Me" (Kahn) (EA800).  
Nat Shilkret and His Orchestra, "Dixiana" (Caldwell).  
Ted Weems and His Orchestra, "A Girl Friend of a Boy Friend of Mine" (Kahn) (EA800).



- 10.12: Waltz—Nat Shilkret and His Orchestra, "Dancing With Tears in My Eyes" (Dubin) (EA812).  
 Foxtrots—The High Hatters, "Anchors Aweigh" (Zimmermann).  
 Jack Hylton and His Orchestra, "Adeline" (Nicholls).  
 The High Hatters, "The Mug Song" (Gaskill) (EA765).  
 10.24: Vocal—Alleen Stanley, "Swingin' in a Hammock" (Seymour).  
 10.27: Foxtrots—Nat Shilkret and His Orchestra, "How Are You To-night in Hawaii?" (Leslie) (EA819).  
 Nat Shilkret and His Orchestra, "Mr. and Mrs. Sippl."  
 Green Brothers' Marimba Orchestra, "Lo Lo" (Feist).  
 Nat Shilkret and His Orchestra, "Why Have You Forgotten Waikiki?" (Kahn) (EA819).  
 10.39: Waltz—International Novelty Quartet, "Jolly Fellows" (Vollstedt).  
 Foxtrots—Marimba Centro Americana, "Forget You? Never!"  
 International Novelty Quartet, "Knocked 'Em in the Old Kent Road" (Ingle) (Zono. 5667).  
 10.48: Vocal—Alleen Stanley, "I Love You So Much" (Kalmar) (EA808).  
 10.51: Foxtrots—Ben Bernie and His Orchestra, "It's a Lonesome Old Town" (Tobias) (Bruns. 4943).  
 Waring's Pennsylvanians, "Little White Lies" (Donaldson).  
 Ben Bernie and His Orchestra, "Au Revoir—Pleasant Dreams" (Meskill) (Bruns. 4943).  
 11.0: The day's sporting results.  
 11.10: God save the King.

### 2YA, WELLINGTON (720 KILOCYCLES)—SATURDAY, JULY 18.

- 3.0: Chimes. Relay of Rugby Match from Athletic Park.  
 5.0: Children's session, conducted by Aunt Molly.  
 6.0: Dinner music session (Parlophone)—  
 Frank Westfield's Orchestra, "The Belle of New York" Selection.  
 Dajos Bela Orchestra, "Strauss, the Waltz King, at Home" (Weber) (A4260); "Ideale" (Tosti) (A4015); "Moonlight on the Alster."  
 Berlin State Opera House Orchestra, "Wine, Woman and Song."  
 Dajos Bela Orchestra, "Viennese Life" (Translatour) (A4259).  
 Victor Olof Salon Orchestra, "Grieg" Selection (arr. Urbach) (A4250).  
 Dajos Bela Orchestra, "Serenade" (Moszkowski) (A4015); "Traum-ideale" (Puck) (A4259); "Schatz Waltz" ("The Gypsy Baron").  
 Frank Westfield's Orchestra, "Our Miss Gibbs" Selection (Monckton).  
 7.0: News session, market reports and sports results.  
 7.40: Lecturette—Mr. W. M. Jackson, "Gardening."  
 8.0: Chimes. Presentation of programme by the Wellington Y.M.C.A. Optimists' Club—"A Night at Home with the Optimists."  
 10.0: Dance programme (Polydor)—  
 Foxtrots—Marimba Original Excelsior de Guatemala, "El Enganado."  
 Ben Berlin 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 Dance Orchestra, "Mother Needn't Know."  
 Foxtrots—Ben Berlin's Dance Orchestra, "If I's and Ands 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) (A8110).  
 10.21: Tangos—Ilja Livschakoff Dance Orchestra, "Your Lips were Mine in My Dreams" (Marbot) (23546).  
 Ben Berlin's Dance Orchestra, "What's the Time?" (May).  
 Paul Godwin's Dance Orchestra, "Pimpy, My Best Friend is You" (Ortuso) (23653).  
 10.30: Waltz—Paul Godwin's Dance Orchestra, "That's You" (Molto).  
 Foxtrots—"Mother Goose Parade" (Breau) (23327).  
 Ilja Livschakoff Dance Orchestra, "I Would I Could be Your Lover" (Dostal) (22923).  
 10.39: Vocal—Clem Williams and Des Tooley, "You are the Melody."  
 10.42: Tangos—Ilja Livschakoff Dance Orchestra, "My Heart is at Your Feet"  
 Paul Godwin's Dance Orchestra, "Don't Leave Me" (Hollander) (23536); "Parting" (Blech) (23653).  
 10.51: Foxtrots—Ilja Livschakoff Dance Orchestra, "Don't Fear the First Kiss" (Stolz) (23701).  
 Paul Godwin's Dance Orchestra, "Dancing Puppets" (Rust).  
 Marimba Original Excelsior de Guatemala, "Agullas Mexicanas" (Jose Escobar) (21901).  
 11.0: Sporting summary.  
 11.10: God save the King.

### 3YA, CHRISTCHURCH (980 KILOCYCLES)—SATURDAY, JULY 18.

- 2.50: Relay of running description of Association Football Final of the Chatham Cup.  
 5.0: Children's hour.  
 6.0: Dinner music session (Polydor)—  
 Great Symphony Orchestra, "Countess Mariza" Medley (Kalman).  
 Paul Godwin's Quartet, "Octobre" (Tchaikowski) (19457); "Serenade des Mandolines" (Desormes) (19531).  
 Paul Godwin's Orchestra, "The Bird Seller" (Zeller) (19288).  
 Paul Godwin's Quartet, "Un Peu D'Amour" (Silesu) (21703); "Serenata D'Amalfi" (Bece) (21703).  
 Polydor Orchestra, "Aus Winkeln Und Gassen" (Hannemann) (21930).  
 Paul Godwin's Quartet, "Intermezzo Russe" (Franke) (19457).  
 Paul Godwin's Trio, "La Lettre de Manon" (Gillet) (19531).

- Ilja Livschakoff Orchestra, "The Land of Smiles" (Lehar) (27196).  
 7.0: News session.  
 7.30: Sports results.  
 8.0: Chimes. Relay of programme from 4YA, Dunedin.  
 10.0: Dance music (Polydor)—  
 Foxtrots—Paul Godwin's Dance Orchestra, "Dance of the Raindrops."  
 Ilja Livschakoff Dance Orchestra, "The Song of My Wife."  
 Paul Godwin's Jazz Symphonians, "You are the Sweetest Girl in the World" (Heymann) (23040).  
 10.9: Waltz—Ilja Livschakoff and His Dance Orchestra, "Beautiful Lady in the Moon" (Wiga) (22991).  
 Foxtrots—Ben Berlin's Dance Orchestra, "Kiss Me and Then Forget."  
 Paul Godwin's Dance Orchestra, "Hokus Pokus" (German).  
 10.18: Vocal—Sidney Burchall, "Bye and Bye" (Richard Rodgers).  
 10.21: Tangos—Ilja Livschakoff Dance Orchestra, "A Little Love Longing."  
 Jose M. Lucchesi and His South American Orchestra, "Pe-sares" (Lucchesi) (22058).  
 Juan Llossas Original Argentin Tango Band, "Warum Charmante Frau" (Bauer) (23118).  
 10.30: Waltz—Paul Godwin's Jazz Symphonians, "Love Waltz" (Heymann).  
 Foxtrots—Ilja Livschakoff Dance Orchestra, "Perfidious Luck" (Mackeben) (23335); "I am Fondly Attached to You" (May) (23538); "Would You Give Me the Happiness of One Sweet Hour?" (Gilbert) (23333).  
 10.42: Vocal—Sidney Burchall, "Here in My Arms" (Richard Rodgers).  
 10.45: Tangos—Ben Berlin's Dance Orchestra, "I Love You" (Schmidt).  
 Ilja Livschakoff Dance Orchestra, "Come Down, Rosie."  
 Juan Llossas Original Argentin Tango Band, "Astoria."  
 10.54: Foxtrots—Ilja Livschakoff and His Dance Orchestra, "There's Nothing Like Love" (Guttmann) (22991); "Troika Drive in the Moonshine" (arr. Benedict) (23480).  
 11.0: God save the King.

### 4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, JULY 18.

- 3.0: Selected recordings.  
 5.0: Children's hour, conducted by Aunt Anita.  
 6.0: Dinner music session (Columbia)—  
 Charles Ancliffe and His Orchestra, "Ancliffe Waltzes" (Ancliffe).  
 J. H. Squire's Celeste Octet, "Twilight on the Waters" (Squire).  
 Gil Dech Ensemble, "Italian Nights" (Roberts) (C1923).  
 Regal Cinema Orchestra, "Sally" Selection (Burke, Kern).  
 Organ—Quentin Maclean, "Lily of Laguna" (Stuart) (D024).  
 J. H. Squire's Celeste Octet, "Minuet Sicilienne" (Squire and Hart).  
 Band of H.M. Grenadier Guards, "Country Dance" (German) (01329).  
 Debroy Somers Band, "Mister Cinders" Selection (Ellis and Myers).  
 J. H. Squire's Celeste Octet, "The Piccaninies' Picnic" (Squire).  
 Organ—Quentin Maclean, "Little Dolly Daydream" (Stuart).  
 Albert W. Ketelbey's Concert Orchestra, "The Clock and the Dresden Figures" (Ketelbey) (DOX21).  
 J. H. Squire's Celeste Octet, "Minuet in D" (Mozart, arr. Willoughby).  
 Albert W. Ketelbey's Concert Orchestra, "Wedgwood Blue."  
 Gil Dech Ensemble, "Valse Parisienne" (Roberts, arr. Barry) (01923).  
 7.0: News session.  
 7.40: Talk—Mr. A. F. O'Donoghue, under the auspices of the New Zealand Native Birds Protection Society, "The Birds—A Nation's Asset."  
 8.0: Chimes. Overture—New Mayfair Orchestra, "Sons o' Guns."  
 Studio presentation by Mr. W. B. Lambert and Company, of "The Sultan of Ju-Ju-Land." (An Eastern Comedy arranged by Lambert). Scene: An Arabian Market. Players—The Sultan, Mr. H. P. Desmoulins; Ali, a minstrel, Mr. W. Robbins; Bensolom, Mr. W. Ruffell; Benecco, Mr. C. K. Smith; Lillah, Miss Freda Elmes; Rachel, Miss Gwenda Burt; Adah, Miss Anita Winkel; The Muezzin, Mr. W. B. Lambert. Instrumental accompaniment provided by Mrs. C. Drake, Misses E. Judd and V. Moffatt.  
 9.0: Evening weather report and station notices.  
 9.2: Novelty orchestra—The Jolly Campers, (a) "The Girl from Constance" (Muller); (b) "The Rocket" Waltz (Degerman).  
 9.10: "The Sultan of Ju-Ju-Land." Part 2.  
 10.0: Dance programme (Polydor)—  
 Foxtrots—Ilja Livschakoff 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 Dance Orchestra, "Times Will Change."  
 10.12: Tangos—Juan Llossas and His Orchestra, "Twilight" (Bianco) (22984); "La Cumparsita" (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."  
 Ilja Livschakoff Dance Orchestra, "My Dear Old Aunt."  
 Waltzes—Ilja Livschakoff Dance Orchestra, "Sweet Are Your Looks, Oh Peppina!" (Stolz) (23743).  
 Hawaiian Orchestra, "It Happened in Monterey" (Rose).  
 10.36: Tangos—Ben Berlin's Dance Orchestra, "Beautiful World" (Lehar).  
 Foxtrot—Ilja Livschakoff Dance Orchestra, "I Am So Happy To-day."  
 10.45: Vocal—Layton and Johnstone, "Bye Bye Blues" (Hamm).  
 10.48: Foxtrots—Ilja Livschakoff 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).

Fox-trot—Paul Godwin's Dance Orchestra, "Incidental Flirtation."  
11.0 : God save the King.

## 2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SATURDAY, JULY 18

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

## Sunday, July 19

### 1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, JULY 19.

3.0 : Chimes. Selected recordings, and relay from the Auckland Town Hall of portion of Organ Recital by the City Organist, Mr. Maughan Barnett.  
6.0 : Children's Song Service, conducted by Uncle Bert.  
7.0 : Relay of Divine Service from the Pitt Street Methodist Church. Preacher: The Rev. W. T. Blight. Organist and Choirmaster: Professor W. A. Moor.  
8.30: Parlophone Salon Orchestra, "La Source Ballet Music" (Delibes, arr. Weninger) (Parlo. A4255).  
Mezzo-soprano—Miss Joyce Seth-Smith, "The Old Refrain" (Kreisler). Instrumental—The Moore Sisters, Trio, "Valse Lente" (Chopin); Violin solo, "Andante Cantabile" (Tchaikowsky).  
Tenor—Mr. Roger Errington, "Open the Gates of the Temple." Band with male quartet—Polydor Wind Orchestra, (a) "Stille der Nacht"; (b) "Lieb'st's was Die Welt Durchzieht" (Willich).  
Evening weather forecast and announcements.  
Mezzo-soprano—Miss Joyce Seth-Smith, (a) "The Perfect Hour" (Hahn); (b) "To Spring" (Gounod).  
Flute—Mr. David Whisker, (a) "Barcarolle" (Catherine); (b) "Badinerie" (Fonthon).  
Chorus—State Opera Chorus, Berlin, (a) "Hail to the Day" (from "Fidelio") (Beethoven); (b) "A Night in Granada" (Kreutzer).  
Piano—Mr. Cyril Towsey, "Nocturne and March of Dwarfs" (Grieg).  
Tenor—Mr. Roger Errington, (a) "Just for To-day" (Seaver); (b) "Be Thou Faithful Unto Death" (Mendelssohn).  
Instrumental—The Moore Sisters, Trio, "Traumerel" (Schumann); Cello solo, "Einleitung" (Becker); Trio, "Minuet" (Beethoven).  
Male chorus—De Svenske (Swedish Male Choir), (a) "Dalvisa"; (b) "Domaredansen" (arr. Olsson) (Poly. 90070).  
Flute—Mr. David Whisker, (a) "Nocturne," Op. 15, No. 2 (Chopin); (b) "The Red Sarafan" (Steckmest).  
Selection—Band of H.M. Royal Air Force, "Songs of Britain" (Trdtl).  
10.0 : God save the King.

### 2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, JULY 19.

8.0 : Afternoon session of selected gramophone recordings.  
6.0 : Children's Song Service, conducted by Uncle George, and assisted by the Petone Church of Christ Children's Choir.  
7.0 : Relay of Evening Service from St. John's Presbyterian Church. Preacher, Rev. J. R. Blanchard. Organist and Choirmaster, Mr. O. W. Kerry.  
8.15 (approx.): Relay of band recital by the Port Nicholson Silver Band from the Grand Opera House (Conductor, Mr. J. J. Drew).  
God save the King.

### 3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, JULY 19.

8.0 : Gramophone recital.  
5.30: Children's Song Service by Children from Anglican Sunday Schools.  
6.15: Chimes from studio.  
6.30: Relay of Evening Service from St. Mary's Anglican Church, Merivale. Preacher, Rev. F. B. Redgrave. Organist and Choir Conductor, Mr. Alfred Worsley.  
7.45 (approx.): Musical recordings from studio.  
8.15 (approx.): Relay from Waimate of Concert by Waimate Silver Band, under conductorship of Mr. H. F. Vincent.  
10.0 : God save the King.

### 4YA, DUNEDIN, 650 KILOCYCLES)—SUNDAY, JULY 19.

8.0 : Selected gramophone recordings.  
5.30: Children's Song Service, conducted by Big Brother Bill.  
6.15: Instrumental recordings.  
6.30: Relay of Evening Service from Hanover Street Baptist Church. Preacher, Rev. E. S. Tuckwell, B.A. Choirmaster, Mr. H. P. Desmoulin.  
7.45: Selected recordings.  
8.15: Relay of concert programme from Station 3YA, Christchurch.  
10.0 : God save the King.

### 2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, JULY 19.

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

## Questions and Answers

(Continued from page 15.)

pass condensers you should get over the trouble quite well. Between the bottom of the primary and "A," insert a .006 condenser. Between the bottom of the secondary coil and the filament return there should be a bias battery, and across this put a fairly big condenser, say .5mfd. The bias should not be very high; about 1½ volts would do splendidly. Check up your wiring for closed loops—filament wires that are a few inches apart which run parallel to one another. In general keep your plate and grid wires well apart, but with filament wires bunch them together. The judicious use of chokes in plate leads, and also in the screen leads,

coil with a condenser shunted across it. It must be a very good set to get all N.Z. stations.

S. N. (Hammer Springs).—I have built the D.C. eliminator from the "R.R." of October 30, and am using it with my set, but while it is giving good results as far as smoothness and volume are concerned, stations lower than 3YA cause the set to oscillate.

A.: We suggest reducing the voltage on the detector valve as coupling is taking place between this and the remainder of the circuit.

TRICKLE CHARGER (Wellington): Part of a mains operated relay intended making (for automatic switching purposes) is a solenoid which is to function only for about 15 seconds each time the amplifier is switched on. An iron core is to be so arranged that when the mains current is switched on it will be drawn into the solenoid moving a distance of between 1 and 2 inches in 10 or 15 seconds (due to its operating a small train of clock wheels and governor). Then the circuit is automatically broken. The core is part of an old car sparking core, and consists of 24-gauge wire bound together. It is circular, about ½ in. in diameter and 3 in. to 4 in. long. Could you give me particulars of the solenoid to use?

A.: We would not attempt to estimate the size of solenoid necessary without knowing the magnetic condition of the core and the exact load to be drawn in. So much depends on these factors. We would advise you to get into touch with a consulting electrical engineer.

CURIOUS (Hawke's Bay): My set employs a full-wave rectifier, which, though it has been in operation only five months, lights bluish.

A.: The valve has not been properly evacuated. There is gas in the tube, and this is ionising when you turn on the current. So long as it functions it will be all right, but if you notice any defect in your set, such as volume falling off, you can attribute it to this cause.

R. W. (Wellington): How many turns would be required for a valve base coil to tune the 600 metre band?

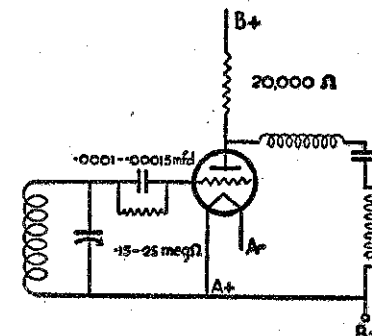
A.: Valve base coils would not be suitable to tune this band. You would need a 3 in. former, and upon this wind 200 turns of about No. 26 gauge d.s.c. wire.

2. What would the r.f. choke need to be wound on and how many turns are necessary?

A.: This was fully described in the 1930 "Guide," and reproduced in the "R.R." some time ago. As another question has been raised on the same subject we are reproducing again this piece about chokes, and trust it will be what you are requiring.

3. What ratio a.f. transformer would be used in the 1st stage to give best results?

A.: If you are using more than one audio stage, the ratio of the transformer should not exceed 3½—1. If there is one stage only you could use a 5—1 or even a 7—1, but the use of high ratio transformers is fatal if there are more stages than one.



if necessary, with adequate by pass condensers should enable you to overcome the trouble.

2. Could you give me a diagram of a tuned anode coupling for the first stage, also the value of the coupling condensers, etc.

A.: Yes; we reproduce a suitable diagram on page 15.

D. K.S. (Papakura).—What additional apparatus would be necessary to change my set to all-wave? It is a det. two audio.

A.: It is not quite clear to us how your coils are arranged. Where is the primary connected? Your best plan would be to take the det. audio stages from the Kestrel Three, for you have all the specifications for primary and tickler coils. You could bring the aerial into the grid of the secondary coil through a neutralising condenser.

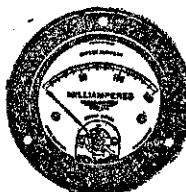
2. What causes a blank space on long-wave where there is no oscillation?

A.: That is due to a dead spot which you can shift by using a condenser in the aerial. It is due to peculiarity of your aerial or valve.

PUZZLED (Timaru).—In a school magazine there is a description of a crystal set which is no more than a coil connected to a crystal and phones. The aerial comes in at the mid point of the coil, yet the writer states that he can get all N.Z. stations on it. How does he tune it?

A.: It is tuned by altering the inductance by controlling the space between the numbers of turns on the coil. They are arranged on pieces of string, and you either extend the coil or contract it. Undoubtedly this way of tuning is a compromise, and is not so good as laying a fixed

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

**SPAN (Dunedin):** I have built an Out-span Five, and it is not giving anything like the result that it should. As soon as I bring the r.f. condensers into alignment a vicious rattle is set up. I have tried shielding the valves and the condensers, but there was no improvement.

**A.:** If you have followed the lay-out exactly as it was given you should have no difficulty on the score of uncontrollable oscillation. We would suggest extra bypass condensers between B+ r.f. and earth and between the grid return and earth choke in the leads to the plates of the r.f. valve suitably by-passed would also help to control oscillation. Look for a defective condenser and defective valves. Test the coil for continuity, and try reversing the connection to the primary coil.

**2.** Would a choke in the screen-grid circuit be of any use? If so, how many turns would you suggest?

**A.:** A choke is not necessary unless the screen is taken to a point common with other leads to different parts of the set. The choke could consist of a thousand turns on a core former. A suitable choke was described in the 1930 "Radio Guide" and reproduced in the "R.R." a short time ago.

**G.E. (New Plymouth):** My 4-valve electric set has become very unstable, particularly on the lower wavelengths. A station may be tuned and then it completely fades away, and the set bursts into oscillation. It cannot be left unattended for any length of time.

**A.:** It requires to be reneutralised, or the instability may be due to the lack of by pass condensers. And then if there are plenty of by pass condensers, it is possible that some have broken down. Try fairly large condensers across the "B" batteries. We presume that you have them between the plate and earth.

**MIKE (Blenheim):** I have recently acquired from the estate of a deceased person a partially complete radio set. Unfortunately the circuit diagram cannot be found, and all the parts are English. Could you give me a suitable circuit?

**A.:** It appears difficult with the information given, to give you the circuit you require. We have hunted up several English magazines, but cannot get anything quite suitable. We would suggest that you write to a city dealer who specialises in English products, and see if you can get a suitable circuit from them.

**2.** Can you tell me the correct connection for the respective 6-pin coil bases?

**A.:** The six-pin base may be used in a variety of ways, depending upon the circuit employed. A quite usual system seems to be (1) aerial, (2) earth, (3) earth (hot. sec.), (4) grid, (5) wavelength change, being the centre tap of the secondary coil. This could be used for regeneration, but, as we added before, there are an infinite variety of ways in which the six-pin coil can be used. Your best plan is to scan through the advertisements in this issue and see which dealers specialise in English goods, and drop them a line. They possibly will be able to do something for you.

**NEW SET (Dunedin):** I have a 75ft. aerial, including lead-in, and am very close to a high-powered electric cable. Would reception be better if I lengthened it?

**A.:** It certainly would, but by lengthening it you are liable to pick up interference from the main line.

**2.** I am not troubled with much noise from the local station, but yet consistent crackling absolutely kills reception when volume is turned on to bring in the Australian or long-distance stations.

**A.:** Remove your aerial and then turn up your set and see if the noise persists. If it does not, as we think it will not, then you can take it for granted that the noise is coming from the power lines close by, and in this case the only plan left open for you is to get in touch with the District Radio Inspector, who should be able to help you.

**3.** What height should my aerial be to give satisfactory receptions from distant stations?

**A.:** As high as possible, particularly if you get interference from power lines; 40ft. is not too high.

**R.L. (Christchurch):**—My set is a home-conducted all-electric receiver using 2 RF 227's grid detector, 227 and reaction. My difficulty is in the primary, but I have tried 60 turns of 34 s.w.g. enamelled wire solenoid wound over the secondary, and tapped at 30 for split primary neutralisation. Results have so far been only fair, with selectivity poor. I have tried several types of primaries, but though the one mentioned the best, although it is not satisfactory. The second tuning condenser has little or no effect upon the signals.

**A.:** It is quite clear that there is something wrong with the second r.f. stage. We cannot help you by pointing out what it is, but concentrate on that stage. Until that condenser tunes sharply there is still something wrong which is affecting the set generally. We think if you get to the bottom of this trouble your selectivity problems will disappear. You seem to be using the correct number of turns and the best system of coupling the valves. We presume that you have taken the very simple precaution of arranging the windings in the same direction.

**G.L.H. (Northland):** I have assembled the Rejecta Set and am perfectly satisfied with the result, but is it not possible to get greater strength from 22W? We get 2YA strongly enough to drive a speaker.

**A.:** 22W is a relatively weak station, and it is not always possible to pick it up on a crystal set. The Rejecta is equally as sensitive as any other type of crystal set, as made evident by the fact that you can receive 2YA loudly enough for a loudspeaker. You should, however, be able to receive 22W at fair crystal strength. Of course, you will never be able to get it really well on account of its low power.

**C.B. (Auckland):** Can an "A" and "B" eliminator be made with only one rectifier, preferably a Westinghouse, and if so where can I obtain instructions for same?

**A.:** An "A" and "B" eliminator can rarely be made with the same rectifier, unless it uses the special rectifying valve for that purpose. A suitable circuit was described in the 1930 "Radio Guide." We do not know of a Westinghouse rectifier that will do both jobs, although you could get two Westinghouse rectifiers, one for the "A" and one for the "B."

**2.** Would the Radiogram Five work satisfactorily with an ordinary valve instead of a s.g. for the r.f. stage? If so, can you supply the circuit?

**A.:** Yes, it would work perfectly well with a triode stage used in the r.f. A circuit is not available at the present time although in the near future we hope to bring out a three-valve circuit with a triode in the first stage. You could, however, build the Browning Drake with two stages of triode r.f. This would be the Radiogram Five, only the battery version. You would, of course, adapt push-pull amplification, as shown in the "Radio Guide."

**3.** Is a s.g. valve much harder on batteries than an ordinary valve?

**A.:** No. It requires very little extra current.

**4.** Is a Philips A635 valve suitable for the first stage of r.f. amplification?

**A.:** The A635 is a very high impedance triode, and is very difficult to neutralise in a circuit such as the Radiogram. A far better plan would be to put in a modern s.g. valve.

**5.** In my set I am using a .0005 tuning condenser, and cannot tune below 300 metres. Can I lower this by taking a few turns off the secondary?

**A.:** Yes. Take off about 5 or 10 turns.

## Children's Sessions

### From 2YA

**Monday, July 13.**—Uncle Jeff and Kipling Lady will conduct the session to-night.

**Tuesday.**—Uncle Toby and Jumbo have a specially prepared surprise for you to-night. In the studio will also be Mrs. Mildred Kenny's Juvenile Band to play on their banjos, ukuleles, and steel guitars.

**Wednesday.**—To-night there will be another Meeting Pool Story. Aunt Daisy's band of Cheerful Chirpers will sing choruses. There will be birthday greetings as usual and some riddles and jokes.

**Thursday.**—Requests have come in for more of "Alice Through the Looking Glass," so Miss Lottie Rastall and her party are doing it to-night. Big Brother Jack will give some of his clever animal imitations and send birthday greetings.

**Friday.**—Aunt Pera and a party will present a play and sing choruses. Uncle Jim will also be here with stories and jokes.

**Saturday.**—Would you like to join Aunt Molly and Uncle Jasper to-night, when they leave the studio in a big magic wooden horse—with Mrs. Buzzsaw as a guide—to visit "Tool-Land"? The chisel, screw-driver, plane, hammer, rake, spade, and lawn mower, with all the other tools, have promised to give a concert. "Tool-Land" has just installed a new wireless set and they want all to listen-in. It should be fun.

**Sunday.**—The Children's Choir from the Petone Church of Christ, under the leadership of Mr. Thomas, will

be in the studio to-night, with Uncle George to conduct the service.

### From 3YA

**Monday, July 13.**—You all remember "Uncle Hal"? Well, he has the jolliest story to tell to-night. A new Aunt is also going to speak and Cousin Gwen will sing and play. Then the sandman comes with his dust cart.

**Wednesday.**—Both Cousin Beatrice and Uncle John have an interesting programme for you, with solos from a number of Radio cousins—sweet dreams, children.

**Thursday.**—Food fun to-night—"The Thursday Three" (Ladybird, Uncle Frank, and Uncle Dick)—with the Elmwood School to join in choruses and songs, with Mr. Martin to conduct. "Now at last the merry sun tells the world that day is done."

**Friday.**—Its Chuckle to-night and a sweet little choir of girls' voices will sing "Christopher Robin is Saying His Prayers."

**Saturday.**—Of course it is Uncle Claude to-night, with his bright, youthful band of entertainers. He will have another surprise for you all. Perhaps a very old friend may be back to-night. Listen for the voice—"Hush! Here comes the dream man."

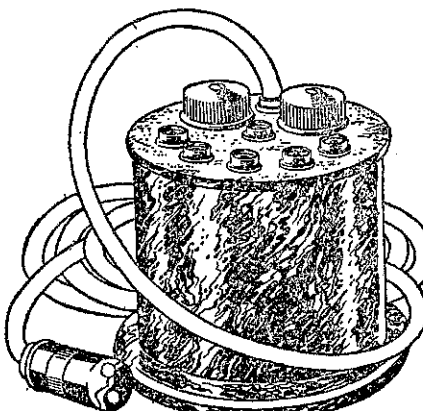
**Sunday.**—To-night the Rev. J. Rich, well known in the Scout movement, will speak to you and his little choir will sing.

**THE** swing of the pendulum is indicated by the announcement that Canadian broadcasters have decided to cut down all microphone advertising to 5 per cent. of the total programme time. No sales talk is to be allowed during sponsored programmes given on Sundays.

## Cut out Battery Costs with a LISSEN H.T. ELIMINATOR

A Lissen H.T. Eliminator provides your radio with a steady flow of "B" current, giving maximum voltage at all times. Eliminates the need of "B" batteries with their attendant troubles and expense.

There's a model for either D.C. or A.C. mains.



Model D.C., Type B.

- A.C. Type A.....\$4/5/-
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- Both for operation on 230 volts A.C.
- D.C. Type A.....\$2/2/-
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- For operation from 230 volts D.C. Suitable for sets using up to 4 valves. See your nearest radio dealer to-day and ask him for full particulars; or write to the—

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corporation should be absolutely prevented from engaging in trade. The men selected for the board of control should be of the highest standing, and should be appointed for a fairly lengthy term to enable them to carry their plans through to fruition. Such a corporation as was proposed would follow generally the lines of the British Broadcasting Corporation, which worked well in Great Britain. No financial difficulty need be anticipated, as an ample and increasing revenue was assured.

As regards the representative of the radio trade, he should attend meetings and keep in touch with the requirements of the trade generally.

#### Opinion of Listeners.

**THE Minister:** "Regarding the listeners: How do they feel? You gentlemen are in touch with them all the time."

Mr. Nimmo said that perhaps he was in a better position to answer that than anyone in the room. He had seen correspondence received by the "B" station in Wellington, and he was prepared to assert that the listeners were overwhelmingly in favour of a change.

The Minister: "You do not think public opinion would be satisfied if we extended the license?"

Mr. Nimmo: "I am convinced that the public are most emphatically opposed to an extension, and I would not like to be a member of a Government which proposed to give it."

Mr. McQuarrie: "As a retailer in constant contact with the public I can say that they are most anxious for a change."

[We are informed that other members of the deputation disclaimed any authority or capacity to speak on be-

## Dealers Want a Radio Board

(Continued from page 6.)

half of listeners, but this was not embodied in the Press reports issued.]

#### The Minister's Reply.

**THE Minister,** in replying, said: "I am very pleased to meet you here, and to hear the views of a deputation which I am assured represents 95 per cent. of the capital invested in the trade. The question of future control

somewhat misleading. The value of this opinion could be tested by a plebiscite among listeners.

#### Views of the Trade.

**WE** have received from the Electric Lamp House Ltd. copy of a letter forwarded by it to the Hon. J. B. Donald upon the subject of the future of broadcasting:—

The Hon. J. B. Donald,  
Postmaster-General,  
Wellington.

Dear Sir,—We notice by Press reports that you have recently received a deputation from radio dealers affiliated to the New Zealand Electrical Federation.

While not wishing to either support or object to the opinions brought forward by this body, we certainly do not agree that the resolution has the "unanimous backing of the radio trade in New Zealand," as stated by one speaker, or that the deputation "represents 95 per cent. of the capital invested in the radio trade," which was reported as stated in your reply.

It would certainly be very interesting to know how many of the 900-odd (March figures) licensed radio dealers are connected with the federation, as it is beyond our imagination that there could be an unanimous or even a majority of 95 per cent. agreement on this contentious subject.

In conclusion we would state that we are in touch with dealers and the public throughout New Zealand, and we have no hesitation in stating that it would be very hard to find 10 per cent. of any one section who are in agreement as to how broadcasting should be controlled.

Trusting that you will soon arrive at the impossible—a solution to please everybody,—We remain, your faithfully,

Electric Lamp House Ltd.

#### Dealers and Radio Control.

**THE** circumstances surrounding this week's deputation of certain radio dealers to the Postmaster-General is not without its touch of unconscious humour. Mr. Harris, in casting doubts on the representative character of the deputation, tells us that eight members of the Wellington radio section of the Employers' Federation met, and by four votes to three carried a resolution approving Government acquisition and control of a business successfully run by private enterprise.

On the strength of the vote of these four men the rather extravagant claim was made that the whole of the radio trade was behind them, the resolution having been endorsed by the remainder of the radio traders throughout New Zealand.

There will be many other members of the Employers' Federation, in all sections, whose views on the subject of State ownership, control and monopoly would be worth hearing. The vast majority are flatly against any interference with legitimate private enterprise, and could present an overwhelming case against any such experiments, especially at the present critical economic juncture.

When one of the deputation made the astounding assertion that the listeners were overwhelmingly in favour

of the change, it was clearly a case of the wish being father to the thought. Nothing short of a ballot would reveal the exact wishes of the listeners.

The fact that the deputation urged the Postmaster-General to nationalise the "A" stations and leave the "B" stations to private enterprise proves that while they believe that Government control is all very well for the other fellow, their own business must not be interfered with on any account.—I am, etc.,—"Listener."

#### Chamber of Commerce Passes Resolution.

**AT** a meeting of the Christchurch Chamber of Commerce, held on June 3, general disapproval of the Government's intention to assume control of broadcasting was manifest, and the following resolution was carried:—

"It having been reported that it is the intention of the Government to take over the control of the broadcasting organisation in New Zealand, this chamber begs to request that no further Government departments be created for any extension of activities of Government departments in this or any field, which can be more suitably carried on by private enterprise."

#### Broadcast Jottings

**THERE** are now six "B" class stations in Dunedin working on daily schedules, and two more are mooted.

The subject for the debate between the W.E.A. and the Canterbury College Dialectic Society, to be broadcast by 3YA on August 2, will be: "That the Bachelor is happier than the Married Man." A lady is to be the judge of the debate.

A novelty turn by Professor Howzit-dum will be introduced into 3YA's programme on August 8. He will present a turn in radio legerdemain.

The subject for the debate between the visiting American debaters and the Auckland University team, to be broadcast from 1YA on Wednesday, July 15, will be: "That Imperialism is a Menace."

Mr. Frank Milner, C.M.G., Rector of Waitaki Boys' High School, will be the speaker on the International Programme from 4YA on Monday, August 8. His subject will be: "Education for International Understanding."

## Special Notice to COUNTRY LISTENERS

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

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

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—THE—  
**C. A. S.**

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## REMORSE

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J. M. CALDWELL,

whose bass solos are always appreciated by listeners to 2YA programmes. Mr. Caldwell will be on the air on July 14.

is very important, and it has given Mr. McNamara and myself a great deal of thought. Certain proposals have been formulated, and will be placed before Cabinet shortly. As it is a Cabinet matter, however, I would prefer not to discuss these proposals at present. The recommendations you have made will receive serious consideration, and I hope that when the new scheme is made public you will be satisfied with it. I will go so far as to say that the broadcasting service belongs to the people, and they should have a voice in its control, but, of course, the issue is in the hands of Cabinet, and until they make a decision I can make no pronouncement. I am pleased that the opinions you have given me have the backing of the whole trade in New Zealand, because this gives them weight and authority."

#### Mr. A. R. Harris's Comment.

**MR. A. R. HARRIS,** general manager of the Broadcasting Company, stated that he doubted very much if the deputation represented the executive of the Wellington radio section of the Employers' Federation, and that it had the unanimous backing of the whole of the radio trade throughout New Zealand, as was claimed by the speakers. As a matter of fact, the resolution referred to was passed at a meeting of the Wellington radio section of the Employers' Federation, and with eight present was carried by a majority of one, four voting in favour and three against it. The opinion expressed to the Minister by one of the delegates that listeners were unanimously in favour of the Government taking over the system and operating it under a board of control was also



## Short-wave Notes

## Lions "Mike Shy."

A FEW weeks ago a special broadcast was arranged for by the "Wireless Constructor" (England) from TLO, Nairobi, Kenya Colony. The main feature of this broadcast was to have been the roar of lions in their native jungle, and to this end microphones were placed at the edge of drinking pools. This was not successful—they were apparently "mike shy."

The rest of the broadcast went off very well and was well received in England. A talk on "Gorilla Hunting" was given by Mr. Martin Johnson and tom-tom dance was heard. Residents of the colony sent messages to friends in the Old Country. A programme of patriotic music was also broadcast. CTIAA, Lisbon, relayed the above special transmission.

## NRH Programme for Australia.

AFTER putting over special transmissions for reception in New Zealand for a week, Senor Cespedes, of NRH, Costa Rica, decided to give Australian listeners a special week. This was from June 21 till June 27.

## Round the Clock on Short Waves.

MR. CHARLES F. GEE (Bay of Plenty) reports a 24-hour "sitting" on June 12-13, during which period he heard music and talk from many countries. During the intervals when short-wave stations were too weak, Mr. Gee filled in the time by listening to broadcast stations. The following is the log:—

12 noon: 2YA, Wellington, records, excellent at R9.

1 p.m.: W2XAF, Schenectady, R6, increasing to R7-8 by 2.30 p.m.

2.30 p.m.: WIXAZ, Springfield, R7, relaying WBZ and WBZA, Boston.

4 p.m.: W2XE, New York, R6; very rough, weaker later. W3XAL, Boundbrook, R8 (weaker this week). W8XAL, Cincinnati, R8 (best American this week).

6 p.m.: 2BL, Sydney, very clear at R8. 2NC, Newcastle, excellent at R9.

10.15 p.m.: KZRM, Manila, R6; music good.

11.30 p.m.: F3ICD, Saigon, R8. Quaint and weird music, well worth sitting up for.

12.45 a.m.: PK3AN, Java, R7; music very good till 2 a.m.

3.30 a.m.: Zeesen, Germany, R9. Splendid music at 3.30 a.m. from Cologne Cathedral. Boy soprano specially good. Closed at 4.30 a.m.

5 a.m.: PCJ, Holland, R6. Noisy.

6.30 a.m.: OXY, Denmark, R7. Very fine singing till 7.30 a.m.

7.30 a.m.: 12RO, Rome, R9. Operatic music very good. G5SW, England, R8. Greenwich time signal, R4. Radio, Paris,

## FOR SALE OR EXCHANGE

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

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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.

R9. "Lei Paree" only call heard. Good music and talks till 9.45 a.m.  
8 a.m.: W2XAF talking to Melbourne.  
10 a.m.: W8XK, Pittsburg, R4; too weak to hear much. VE9GW, Toronto; just audible—very weak.

G5SW, Chelmsford, 25.53 metres: Was up extra early on Tuesday for cricket news, the advertised fifteen-minute summary of Monday's play. At 5 a.m. a strong carrier was audible, and odd words just readable of the opening announcement, but the talk was too weak, just a suggestion of talk at times—nothing more. Later signals became even weaker, dying right out, but started to "come

## Log for Week Ended July 4

RV15, Siberia, 70.1 metres: Always sure of this station shortly after 8 p.m.

HUJ, Vatican City, 50.26 metres: Quite good each morning from 6.30 a.m.

Moscow, 50 metres: R9 early each morning; some very fine music, but plenty of talk.

W9XF, Chicago, 49.83 metres: Sunday and Saturday R9 for the last hour. Closes either 5 p.m. or 5.30 p.m.

W8XAL, Cincinnati, 49.5 metres: Reaches R9 by 4 p.m. and continues good volume, but always a noisy background with me. Comes again at 11 p.m. with early morning session.

W2XE, New York, 49.02 metres: Sunday and Saturday, R5 at 4 p.m., increasing to R8 by 5 p.m.

F3ICD, Saigon, 49 metres: Saturday night 11.30 p.m. Native music, R7.

W3XL, Boundbrook, 46.69 metres: Saturday, R9 at 4.15 p.m.; very good.

REN, Moscow, 45.4 metres (about): One of the best early morning stations.

KEL, Bolinas, California, 43.7 metres: Tuned in at 11.40 p.m. Saturday night, when they were relaying Japanese music from JIAA. Volume was R9. At 11.50 p.m. an Independence Day programme was broadcast, commencing with "Stars and Stripes for Ever." At 12 midnight, KEL called JIAA, and then passed the "mike" over to a Jap., who carried on a conversation with Japan.

JIAA, Japan, 38.07 metres: Saturday, midnight, R5, talking to KEL, California.

Radio Maroc, Rabat, 32.26 metres: Monday, from 7.30 a.m. R8; talk and music.

OXY, Denmark, 31.51 metres: Varies considerably. Friday morning was best, being R7 at 7.30 a.m. with orchestral music.

W2XAF, Schenectady, 31.48 metres: Best just prior to closing at 3.30 p.m., when they are R9. On Saturday this station and W2XAD broadcast a German version of the contest between Max Schmeling and Young Stribling.

Zeesen, Germany, 31.38 metres: Weak at 6.30 a.m., reaching good volume by 7.30 a.m.

WIXAZ, Springfield, 31.35 metres: Saturday afternoon, Wurflitzer organ recital for the Paramount Theatre, Springfield, from 4 p.m. at R9. Again at midnight, R7.

PCJ, Holland, 31.28 metres: Only heard on Saturday morning, closing at R8-9 at 7.40 a.m.

Radio Paris, 25.63 metres: Best volume after 8 a.m.; continues till about 10 a.m.

Urgent letters are treated in the ordinary manner.

I received a letter from the British Broadcasting Co., stating that they hoped to draw up plans for a dual wavelength short-wave station, but, at present, nothing definite had been decided on. The B.B.C. wish the club every success.

Rumour has it that another of our members has his ham ticket, Mr. McKenzie, near Blenheim. Reports still come in expressing appreciation of the slow morse transmissions.

Mr. L. Saunders, writing from Auckland, sends me down an interesting report on reception there. He says he gets far better results than in Wellington, and can put 2AW on the speaker with only two valves. He often gives headquarters a call from IBC's Monday session from 7 p.m. onward. The mascot of IBC is one black cat.

A number of members evidently missed the issue of the "Record" which contained instructions on how to fill in report cards, so I am arranging for instructions to be included with each order. Don't forget the address, A. B. McDonagh, secretary, N.Z. Short-wave Club, 274 Cuba Street, Wellington.

## Parallel Feed B.D.

(To the Editor.)

I HAVE been experimenting with an old parallel feed B.D. circuit. I have added a push-pull stage and made a few other changes to the variable condensers and coils, and the result has exceeded expectations, and in my opinion is as good as any 5 or 6-valve electric set. On June 3 I was waiting for Auckland to come on the air, so that I could neutralise the set, when I heard someone reading out the cricket scores from England. Imagine my surprise when the announcer said 2YA. This was easily heard all over the house.

At 4 p.m. the same day I logged 4YA, and the next day at 4.30 p.m. 2BL. This may appear nothing unusual, but as I am only 20ft. above sea level, it must be conceded that this performance is good for a set of this type. My aerial is no good as it is only a temporary one. All the above-mentioned stations were at excellent speaker strength, and 1YA roars in during the daytime. Mercer is 40 odd miles from there, and entirely surrounded by hills. I shall gladly furnish further particulars if anyone is interested. I am sure this set will give their DX work a considerable lift.—L.H., Railways, Mercer.

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## N.Z. Short-wave Club

ROUTINE work has occupied my time this week; to give an idea of the business, 30 letters and 150 circulars were posted in addition to interviews and other duties. The plan is being adopted now of sending a letter once a month when all cards, etc., can go together.

## In the Van.

A WELLINGTON girl, avowedly socialistic in her sympathies, writes as follows from London to her brother in New Zealand anent the country at present vividly etched on world consciousness: "Do you notice what an effect the Five-Year Plan is having now? The whole world has ceased to laugh and disbelieve. People here are panicking absurdly about it. There is no doubt whatever they have demonstrated already that Socialism is the only method of running a country. No one can compete with them now, and I believe the sooner we link hands with Russia the better. Their spring harvest of wheat will be staggering, not to mention their impending output of coal, steel, soap, chocolates, timber, wood pulp, butter, vegetables, copper, pig iron, etc. Even the poultry in our club comes from Russia!"

The sufferings of the working class will eventually become unbearable, and they, and they alone, will force us to adopt international planning, as preached by the Soviets. . . I am glad you did not go to the States. Big Business has at last got to face up to the superiority of Bigger Business in the Soviet Union."

## Fanny Brawne's Rival.

THE roaring of the wind is my wife, and the stars through the window-pane are my children. The mighty abstract idea I have of Beauty in all things stifles the more divided and minute domestic happiness.—John Keats.

## Art and Industry.

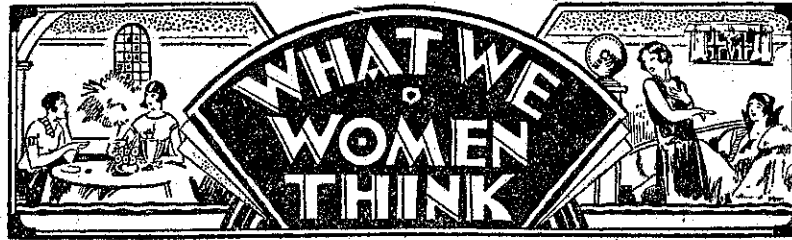
THE exhibition of Swedish arts and crafts recently held in London had a value and importance beyond the very real beauty of the objects exhibited. It was not only the skill of the artist that was held up for admiration. In the persevering and progressive country of Sweden something more has happened: art has been successfully wedded to industry, and in the exhibition under notice the fruits of the union were significantly displayed.

## Nothing Superfluous.

MODERN underwear is tailored so carefully to-day that the smart woman considers a visit to the lingerie fitter as essential as the visit to the dressmaker and tailor. Never before in the whole history of fashion have "beneath" been of more importance than that which is worn over them. With the slender frocks of to-day, one garment, or at the most, two, are considered necessary, and all superfluous fullness must be eliminated. Modern lingerie moulds the figure—it is space-saving and must also act as the foundation of one's frock. There are slim little undershirts made to wear with little satin shorts or tailored culottes which have a hip yoke and are cut like riding breeches. Two-piece foundations for sports or dance wear consist of these tailored satin shirts attached to a brassiere which are worn with tailored knickers. Soft washing satin is first favourite among lingerie materials both for appearance and durability. Coffee coloured spotted net or applique motifs of the reverse side of the satin trim the most modish underwear in this material.

## A Question of Taste.

IN a way good taste may, with luck, be synonymous with the dress sense, yet many Englishwomen, giving all evidence of beautiful taste in their homes and gardens, with knowledge of



pictures and objets d'arts, evince none at all in their dress. The average Frenchwoman, on the other hand, unless rich and travelled, though she may present a charming and well-dressed appearance, is content very often with an ugly uninteresting home.

## In Trade.

THE vogue of the snob has evaporated—at least to some extent—and it is a far cry from the days when "keeping shop" was looked upon as an inferior mode of earning one's living. To-day there is no inferiority about this business of shopkeeping. On the contrary, those of us who are not in the shopkeeper's fortunate position look with envious eyes on his flourishing business and attendant profits. Youths and maidens who, had

they belonged to a former generation would not have thought of seeking a career in commerce, now hail the prospect with joy and delight. But it must be remembered that selling and buying is no longer the simple straightforward business it used to be. The days are gone when a friendly chat across the counter secured a deal and a purchase; the selling of goods has become a science. We now talk about the science of salesmanship, and some universities include the study of the subject in their curriculum. We even hear of the psychology of salesmanship, the mind of the customer must be studied. The salesman—and the saleswoman, too—must know something about temperament and character. He or she should, as we enter the

## Our Cookery Corner

## Ways With Tripe.

In the hands of an efficient cook, tripe can be transformed into quite a number of appetising and nourishing dishes. It is, moreover, light and easily digested, and can therefore be recommended for people of weak digestion. The tripe should first be washed in cold water, brought to boil in a saucepan, strained off, and simmered gently in fresh water for at least three hours. The water in which the tripe has been boiled can be saved for making soup or for replenishing the stock pot.

For tripe pasties, mix together a half pound warm, cooked potatoes and one egg, adding a little flour if the paste is too soft. Roll out to about half an inch in thickness and cut into rounds with the lid of a large cocoa tin. Place a small piece of tripe on top of each round, sprinkle with pepper and salt and fold over, pressing the edges firmly with the fingers. Fry in deep fat till a golden brown.

A good way to do stuffed tripe is to place in a basin one cupful bread-crumbs, one large onion, finely chopped, a little sage, and a pinch of pepper and salt. Add a little milk and mix well. Pack this mixture inside the tripe, fold over, and sew the edges together. Place in a baking tin, cover with rather fat slices of bacon, and bake in a moderate oven for an hour. Pour over a little brown gravy, and serve with mashed potatoes.

## Chocolate Souffle.

**Ingredients:** Half-pint of milk, four eggs, 3oz. plain chocolate, 1oz. castor sugar, one teaspoonful of vanilla, one gill of cream, 3oz. gelatine, three tablespoonfuls of water.

**Method:** Dissolve the gelatine in the water. Separate the whites and yolks of the eggs. Whip the yolks well. Whip the whites to a stiff froth and whip the cream.

Now dissolve the chocolate in the milk, add the sugar, and when it comes to the boil pour it very gradually on to the beaten egg yolks. Cook in a double saucepan until it thickens. Stir and do not allow it to boil. Leave until cold. Strain the dissolved gelatine into the custard and stir in lightly the cream, vanilla and egg whites.

Pour into a souffle case or into small ones. Put in a very cold place and decorate with whipped cream or shredded almonds before serving.

## Pumpkin Pie.

**Method:** Boil the pumpkin as a marrow, pass through a sieve, and mix together as follows: To 1½ cupfuls of pumpkin add 1½ cupfuls of cream, 1 cupful of castor sugar, 2 teaspoonfuls of ginger, 1½ teaspoonfuls of cinnamon, 1½ teaspoonfuls of nutmeg, 4 yolks of eggs, 1 tablespoonful of brandy. Line tin with pastry and bake in moderate oven.

shop and approach the counter be able to sum us up and define our "type."

## Feeling the Pinch.

PROSPERITY has called a halt even in "little, old New York," that proud and pretentious city of big business. The talented English novelist, Miss I. A. R. Wylie, writes thus: The sudden exquisite politeness of the taxi-drivers is one of the most conspicuous signs of hard times. At no period has New York impressed me as a city of wealthy people. A wealthy city—yes. A powerful, awe-inspiring city, but a city to whom the dwellers are drably and unimpressively subordinate. With the exception of Fifth Avenue and Park, and perhaps that social failure Riverside Drive, there are no streets that pretend to anything but sheer utility. Even Madison Avenue that, with its small, expensive shops, is a sort of Bond Street, is marred by an ancient and shabby tramway. Third, Sixth and Seventh Avenues are filled with the brassy clamour and inexpressible hideousness of the Elevated. Beyond those confines are slums such as London has almost forgotten, littered with refuse and with street surfaces that remind one of a French village after a bombardment.

## Miss Pankhurst Again.

MISS SYLVIA PANKHURST has sent a copy of her book, "The Suffragette Movement," to Mr. MacDonald for inclusion in the permanent library which he hopes to establish at No. 10, Downing Street. Mr. MacDonald appealed to people connected with No. 10 to add their works to the library, and "I felt that I can claim to be among them," Miss Pankhurst told a reporter recently. "I have sent a letter to the Premier," she said, "reminding him that my memories of No. 10 include occasions on which I was forcibly flung out. Incidentally, I pointed out that even in these days of feminine emancipation I am still on the black list at the House of Commons and am not allowed to set foot within its precincts."

## Youth at the Frow.

EVEN the youngest among us aspires to the boards these days, and apropos the movement toward a theatre for children in Wellington, it is interesting to hear that a playhouse dedicated to youth has been opened at St. Augustine's School, Bolton, England. Formed with the object of counteracting evils resulting from excessive cinema-going, the theatre is run entirely by children 14 years of age, who, in addition to playing their parts, make their "props" and costumes, and in time, it is hoped, will be able to produce their own plays with scripts written by themselves and based on well-known legends. The first performance was for children, adults being strictly prohibited, and took the form of "Murder Most Foul" (the story of Thomas a'Beckett) and "Arthur of the Round Table." They were presented by thirty children between the ages of 6 and 14 years, and watched by 100 more of the same ages. One sophisticated young man was typical of the audience. Before the performance he divided his attention between chewing gum and reading a comic paper, but when the play began he concentrated entirely on the action, and confided to his neighbour that he liked it better than "the talkies." The idea of the theatre is to counteract the sensationalism, morbidity and slang of the films, especially the obvious foolishness of that Americans call "sob stuff."

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By "John O'Dreams"

## Prize Poem Competition

IN "The Man with the Black Patch," by F. E. Verney, the hero, a peer with a silly-ass exterior, takes effective action in sheeting home the guilt to the villain of the piece. Mr. Verney has a light touch, and his latest book has been recommended by the Crime Book Society.

MRS. COMPTON MACKENZIE has turned author in the wake of her brilliant husband, and has written a story about Queen Christina of Sweden under the title of "The Sybil of the North." The Queen, who was clever and beautiful, received an almost masculine upbringing, assuming the reins of government at the age of 18, and being crowned, at the age of 24, with the title of "King."

"STARDUST," by Mr. D. L. Murray, is the tale of a circus, its ups and downs, its acrobats and horses, and riders and clowns. The romance is told, the glamour, the squalor, the success, and the pitfalls. It is a quickly moving, vivid story of both before the curtain and behind the scenes, and the characters—the old man who, after running his circus for years, is sold up, his clever daughter who rises to stardom, the villainous Joe Nixon—all these, and more, rivet interest and will remain in the memory.

IN "Son of Woman," Mr. Middleton Murry has written an intensely sympathetic study of the life of D. H. Lawrence. "What Lawrence was, not what he pretended to be, is of importance to mankind," says Mr. Murry, and it is to Lawrence's books he has turned for the revelation. There is scarcely a glimpse throughout of the Lawrence Katherine Mansfield knew when she wrote of him after a visit in 1918: "I loved him. He was just his old merry, rich self, laughing, describing things, giving you pictures, full of enthusiasm and joy in a future where we all become 'vagabonds.'" It is with Lawrence's "thought-adventures" that Mr. Murry is concerned, and he traces the splendid, tumultuous, despairing Odyssey through the whole range of Lawrence's writings, from "The White Peacock" to "The Man Who Died." It is the tragedy of a human soul intolerably divided against itself. That Lawrence was less concerned with art than with the passionate outpourings of his self-explanation is to Mr. Murry a proof of his eminence. He was too big for art; he was "a prophet, a psychologist, a philosopher"; but in the end Mr. Murry finds him a prophet who failed, who betrayed and bewildered those who would have followed him, who mingled truth and falsehood to utter confusion. It is a sorrowful book, and it is impossible to read it without a feeling of overwhelming compassion.

THE prize of half a guinea in the current competition is awarded to "Ginger" for the poem entitled "Winter." Poetic in conception and skilful in phraseology, the winning effort will appeal also by virtue of its suggestion that, though meantime our days are cold and dark and dreary, yet is "spring not far behind." The work of a new contributor, "Novitius," is interesting and vital in sentiment and expression, though not up to prize-winning standard.

G.F.: We regret that, through a printer's mischance, your prize poem, "Dust," appearing in our issue of June 26, was rendered imperfect by the fourth line being juggled beyond recognition.

"Karahia": Your work holds elements of originality and unexpectedness—both precious qualities—though the poem submitted has certain blemishes.

"The Old Room," one imagines, is a pleasant place in which to dream dreams, but your description is altogether too meticulous.

"Novitius": "Christina" is our favourite of the poems received. One remembers in one's youth a haunting poem by Robert Browning of the same name, but of different treatment. As to your query, we are willing that a prize-winning poem appearing in these columns should be published elsewhere, provided our consent is asked beforehand.

"Francois": Not a poem, but a testimonial.

"Wild Rose": You have a pretty gift of conveying vagrant fancy in what, in the Victorian era, would have been termed a dainty fashion.

"Marmion": The first, not "the last words of Marmion," are distinctly promising.

"Philanthropist": Not quite the time or the place for your Muse.

"Close-up": Misplaced enthusiasm.

### Winter

Earth is cold;  
Last leaves shiver on the oak;  
Winter clutches tight his cloak;  
He is old,  
And his beard is withered white  
As the snow, his failing sight  
Has the dimness of grey night  
In mist's fold.  
Errant winds go searching by;  
Chilled birds flash against the sky,  
Hungry, bold.  
Earth is wan;  
But sap tingles in the roots,  
Here and there are sticky shoots,  
And there shone  
Once—or was it just a dream?—  
In the East a primrose gleam;  
There are violets, too. . . . 'Twould seem  
Rest is gone.  
Ere his grim heart skips a beat  
Winter's frail, frost-bitten feet  
Hurry on.

"Ginger."

MR. C. S. FORESTER'S new book, "Two-and-Twenty" is almost too good to be true. There is a young medical student who writes popular verse and starves, then becomes a professional boxer, and meets a fairy god-mother disguised as a landlady. There is a young massense who falls in love with the poet; they marry, and all ends merrily as an old-time romance. For all its obvious sentiment, this is a charming story and a joyful oasis in much that is sad and bad and mad in recent fiction.

IN "Jew Suss Oppenheimer," by Dr. Curt Elwenspoek, curiosity may be satisfied anent the original of Herr Feuchtwaenger's remarkable novel. He was, according to his biographer, a great financier, gallant and adventurer; but he was also a great scoundrel. It is not usual to bestow the title of great financier on one whose talents were devoted to devising methods of atrociously unjust and oppressive taxation; we usually term such men extortioners. An adventurer, yes; and of the basest and most unscrupulous kind.

"ADVENTURES are to the adventurous." This proverb certainly finds verification in the career of Mr. A. G. Hales, veteran traveller and journalist, whose book, "Broken Trails," relates the tale of his world-wide wanderings. An adventurer born, Mr. Hales preferred the open spaces, the wind and the tempest, and the bright eyes of danger to taking his ease at an inn. And in his virile chronicle he relates in characteristic fashion the great lessons life has taught him. "At first," he says in one passage, "I was blinded by the glamour of war, and I liked fighting when opportunity came. But I had to be flogged by the whips of fate in the stern hand of life to estimate values properly. Life is like that—you suffer, and you remember." An excellent book of its class.

MR. SACHEVERELL SITWELL has entered the realm of fiction in the guise of a writer of short sketches which are not nearly so highbrow as might have been anticipated. "Far from my Home" tells quite ingeniously of everyday happenings in the world at the present juncture. There is the picture of out-of-works endeavouring to make money by going the round of the streets in the guise of a military band; the story of an unhappy girl on a summer holiday; the last visit of a man to his light-o'-love; and other sketches, all apparently of slight import, but written with the pen of an expert, as was to be expected when the author is a member of the undoubtedly brilliant, if exasperating, Sitwell triumvirate.

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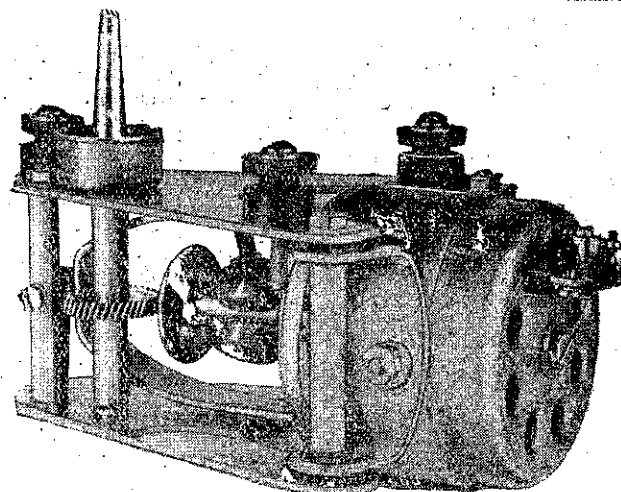
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