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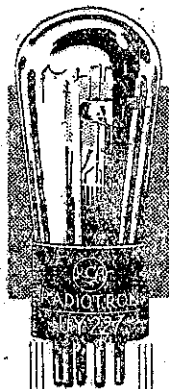
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WELLINGTON.

TO prevent jamming by the criminal fraternity, the Paris police have hit upon the ingenious expedient of using a prearranged order of wave-lengths on their radio-equipped cars, of which there are seven patrolling the French capital. Should interference be suspected, the car communicating with headquarters immediately changes over to another prearranged wave-length, and if necessary to a third and fourth. These lightning changes are effected at a preconcerted signal sent by either station. The police cars employ an aerial power of 50 watts with wave-lengths from 140 to 370 metres.

FIVE short waves have been added to the two long waves granted by the Federal Radio Commission to the American Radio News Corporation, a Hearst subsidiary, which is developing an automatic radio-typewriter system of news distribution to newspapers in various parts of the United States. The system is the invention of William H. G. Finch, a well-known radio engineer, who is supervising its installation.

THAT an "Anti-Static Congress" is to be held at the Paris Colonial Exhibition this month by the leading French radio clubs is an indication of the gravity of the interference nuisance in France. The arrangements for the congress are the outcome of an alliance between the National Federation of Radio Clubs and the Central Committee of Wireless Associations, both bodies being determined to stamp out the "parasites." Apparently the tramways are the great creators of disturbance in the big cities, due to the bad state of the rolling stock.



MORE than 22,000 manufacturers and dealers attended the recent annual radio trade show in Chicago. Although many new and interesting radio devices were introduced, the general trend on the part of manufacturers showed caution born of experience with sudden changes in the industry. A few years ago it was considered impossible to build superheterodynes and complicated multi-valve circuits in small cabinets. This year the midget set attracted most interest. Progress in valve manufacture has done much to enable engineers to design compact superheterodynes which have been fitted into very small cabinets at prices considerably below those ruling in former years. Loudspeakers are also much smaller.

DURING his recent visit to America, Sir John Reith, Director-General of the British Broadcasting Corporation, intimated that the British Government would shortly issue a formal protest to neighbouring foreign countries, notably France and Holland, against the use of their broadcasting stations for the sale of time to British advertisers seeking to reach the radio audience in the British Isles. Sir John stated that a few firms in England, finding the British radio not open to them for the sponsorship of programmes, because the British broadcasting monopoly carries no commercial programmes, had gone to neighbouring countries where regulations against advertising do not exist. Their obvious intent, he said, was to attract the home audience to their programmes in order to advertise their products.

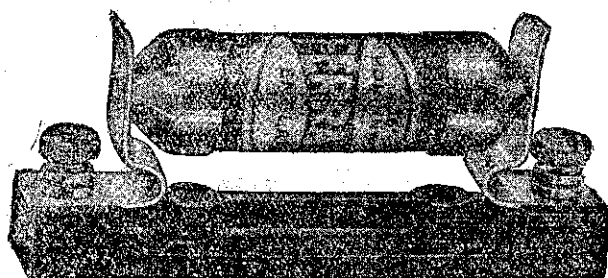
THE "hicks," or country cousins in America, have been badly deceived by a radio manufacturer whose smart business methods might have spread to other firms but for the intervention of the Federal Radio Commission. Apparently innocent purchasers have been bewildered by sets which refused to work, and not until pathetic investigations have been made has the absence of "toobs" been discovered. In future, by order of the Commission, the manufacturers must display in type, as conspicuous as the price, the fact that the valves are not included.

THE City of Birmingham Information Bureau has inaugurated a scheme which could be adopted with advantage in this country. Amateur transmitters all over the world have a system of cards, which are sent out as a confirmation of long-distance communications. Amateurs in Birmingham are supplied with these cards free by the Information Bureau at Birmingham. Each card bears a special Birmingham trade mark, and a slogan. As between two and three hundred cards are sent out every week by Birmingham amateurs to all parts of the world, the advertising value of such can well be appreciated.

THE American Navy's latest dirigible, the Akron, which is now nearing completion, will carry the lightest, most compact, and yet most powerful radio installation ever carried by an airship. The Akron will have a high-frequency, an intermediate-frequency, and a direction-finding receiving set. Two track-roll-up type aerials, 500ft. long and 150 ft. long, will be used. In addition, a fixed wire aerial will run along a longitudinal girder at the turn of the bilge, and will be secured between short struts extending out from the hull. This will eliminate the possibility of the aerial being fouled during landing operations. Power for the transmitting set will be obtained from the ship's auxiliary power unit, consisting of two independent gas engine driven generators. In awarding the contract for the wireless equipment the Navy Department specified a maximum weight of 1400 pounds, and offered a bonus for every pound below that weight, and also for speed in delivery. By the use of light materials, the total weight has been brought down to 1000 pounds.

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The B.B.C. from a Different Angle

Visitor Asserts Government Control Has Ruined Programmes

While in Wellington recently, Mr. H. A. Bloxham, chief wireless operator of the Tainui, called on the "Radio Record" and in the course of conversation asserted that Government control has spelt ruin to the English programmes, which were practically perfect under private enterprise.

Mr. Bloxham has been acquainted with radio for seventeen years, during which time he has visited every country of importance, and has seen the growth of the various systems of broadcasting control. Basing his observations on this extensive experience, our visitor expressed in no uncertain terms disapproval of any system that is controlled by the Government or in which the Government has a large interest.

YOU have asked me for my opinion of the British Broadcasting Corporation, and in the same breath have assured me that it is the best system of broadcasting in the world. Maybe. But I think differently. You are surprised at this, but take away competition, and replace it with a corporate body without representation of the listeners and you see the chances there are for a broadcasting system to fail.

In the old days it was different—the traders who controlled the British Broadcasting Company and who were the pioneers of broadcasting in Britain, had a direct motive for improving the service. The more listeners they had, the more wireless apparatus there was sold. They harkened to listeners because it paid them to, and crude though broadcasting was then, we had a popular service. But the Government changed it all and instituted a Corporation—not a Government body, but next door to it.

It was all right for a time—they had capable men at their command and tremendous sums to play with. They could afford to engage the best artists, to pay royalties to the world's most prominent dramatists; they could erect transmitting stations that were flawless. And they did. They introduced the Regional system whereby nearly every important district in England and Scotland was to be provided with a first-class service, giving listeners the choice of two contrasted programmes—at least they meant to do this, but somehow it is not quite working out right.

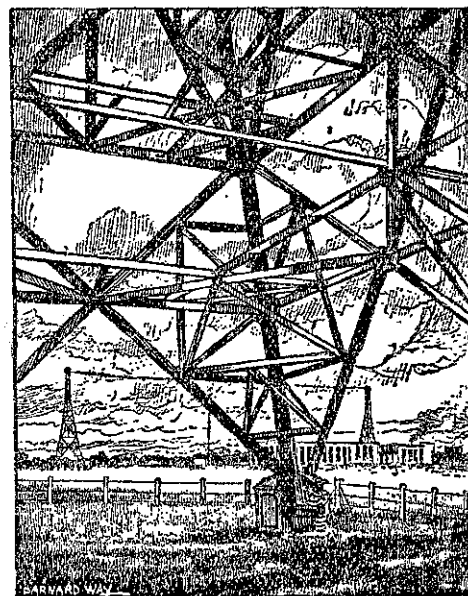
While on the subject of celebrities, I might mention that Sir Harry Lauder was paid £1000 for a single item. Think how far that money would have gone had a record of the great comedian been broadcast instead. Yet the public have no control over this kind of thing.

In my opinion the Corporation has failed. They have given listeners what they should like instead of what they do like—for one thing, too many talks. They say they are educating the masses by these talks and use the same argument to justify an excess of classical music. Personally, I like classical music and care to listen to nothing else, but tastes differ. Many want something different, but, as I remarked before, they do not get what they want. There is far too great a gap between listener and controller.

They have failed in another aspect—perhaps the more important one. They have lost many of their best men; men whose ability built the service until it came to be regarded as the world's best. It is not for me to discuss why they have gone, but the fact remains that they have and the service is the worse for their loss.

That the B.B.C. has not the popular approval can be borne out by reading the correspondence columns of some of the English papers. Complaints are endless, but there is no remedy, for they fall on unheeding ears. There is far too great a gap between the listener and the service. The board is comfortably settled, and it seems that (Concluded on page 2)

SEEN AT BROOKMAN'S PARK



PILLARS OF BROADCASTING.

An impressive close-up of one of the 200 feet high aerial masts of the London transmitter at Brookman's Park.

Reproduced from "The Radio Times."



"The bridge hand interrupted to listen to a broadcast talk." Mr. Bloxham asserts that one of the main failings of the B.B.C. is that there are far too many talks. From the B.B.C. Year Book

(Continued from page 1.)
that is all that matters.

The Government here, I believe, are intending to follow in the footsteps of the English Government and take over the service. That, I think, will be a fatal mistake. Apart from the general arguments that can be advanced against Government administration of a service such as this, the new Corporation must face the fact that they must make a little money go a long way. The B.B.C. has huge sums to play with (over a million pounds last year), but in your country this is far from the case. Radio in a small country needs careful attention and fostering. You cannot afford to neglect the listeners, and it seems that the proposals advanced by your Government intend to do this. A most unwise step.

Those in England do not have to put up with the programmes as you would have to were the same system to operate. The Continental stations, most of which radiate excellent programmes, are within the reach of even the most unambitious set. But you being, so to speak, isolated are different and have to rely on the programmes provided by your country. It is, then, of paramount importance that your system be elastic enough to cope with all tastes.

From what I have seen of changes of this nature, they have not been particularly successful. There is always a temporary improvement—you know,

Programme Jottings

"TY DAFFYD" (Mr. D. E. Parton, chairman of the 3YA Children's Sessions Advisory Committee) was present during the Children's Hour recently and put a poser to Aunt Pat. He gave the name of a Welsh town and asked her to spell it. The name was "Llanfairpwngellogogoch." Aunt Pat said her typewriter did all her spelling!

MARJORIE ALEXANDER, a brilliant young Christchurch pianist, again distinguished herself at the recent Ashburton Competitions, when for the third year in succession she won the coveted Tucker Trophy, which now becomes hers outright. Miss Alexander proposes shortly to tour New Zealand with a concert party, one of whom will be Kathleen Bond, another 3YA artist. Afterward she

the new broom idea—but before long matters settle down again and one is lucky if they do not become worse.

The service now given by your Broadcasting Company appears to be quite good. I should not like to compare it with others, as it is so hard to get a common basis, but it does seem that the present company has done great pioneering work and built broadcasting to a surprisingly high standard.

will take advantage of the scholarship awarded her by the Royal Academy of Music, London. Miss Alexander will be playing at 3YA on November 11.

The Voice of Michael

OWING to pressure of space and the limited response to our competitive offer for reports on talks, this page is suspended till further announcement.

THAT teller of sea stories, "Lee Fore Brace," is a very popular performer at 1YA. Many listeners will echo the sentiments expressed by the writer of this letter from Wairoa to the station manager at 1YA: "Being a follower of the sea it is with keen interest that I listen to these romances of the deep. One can almost feel the salt spray flying as he tells of these thrilling episodes. It would do your heart good, and his too, if you were to see a group of the lands from the village clustered round the loud-speaker on the night he is at the 'mike.' These youngsters, keen for adventure, sit and devour every word of his stories, just the same as young Drake would have done years ago had wireless been in vogue in those days, and I don't mind telling you that the parents are just as interested as the boys."

Australian Programmes

Wednesday, September 9.

STATION 2FC.—9.30 p.m.: "The Chinese Puzzle," a four-act drama.

11 p.m. and 11.36 p.m.: The Neapolitans, a vocal quartet. 11.10 p.m. and 11.29 p.m.: Ethel Lang, monologues.

2BL.—9.30 p.m., 9.43 p.m., and 11.23 p.m.: The National Broadcasting Orchestra. 10.3 p.m.: A recital by Clive Carey, baritone. 11.14 p.m.: Cyril Monk, violinist.

3LO.—9.30 p.m.: Concert by the Mission of St. James and St. John.

3AR.—9.45 p.m.: Old-time dance night.

Thursday, September 10.

STATION 2FC.—9.30 p.m., 9.47 p.m., 10.11 p.m., and 10.38 p.m.: The Bondi Beach Concert Band. 9.40 p.m., 10.35 p.m., and 11.27 p.m.: Bes Blake, soprano. 11.23 p.m. and 11.27 p.m.: Enid Conley, pianiste.

2BL.—9.30 p.m., 10.12 p.m., and 10.52 p.m.: The Sevilla Gipsies. 9.35 p.m. and 10.42 p.m.: Jack Lumsdaine, the Radio Rascal. 9.55 p.m. and 11.10 p.m.: Josef Kaartmen, saxophonist. 10.2 p.m. and 11.31 p.m.: John Stuart and Sadie Anderson, entertainers. 10.25 p.m. and 11 p.m.: Two short sketches.

3LO.—9.30 p.m.: "The Austral Trio." 9.45 p.m.: Dance items, interspersed with variety numbers.

3AR.—9.50 p.m.: Description of the Victorian championship wrestling and boxing semi-finals.

Friday, September 11.

STATION 2FC.—9.30 p.m.: Concert arranged by G. Vern Barnett.

2BL.—9.30 p.m.: An orchestral hour. 10.30 p.m. and 11 p.m.: Dorothy Hall, entertainer. 10.37 p.m.: Novelty bell and piano solo. 10.41 p.m. and 11.34 p.m.: "Cash and Carrie," entertainers.

3LO.—9.30 p.m.: "The Golden Threshold," an Indian song Garland. 10.30 p.m.: Military band concert.

3AR.—9.50 p.m.: Community singing from the Central Hall, Geelong.

Saturday, September 12.

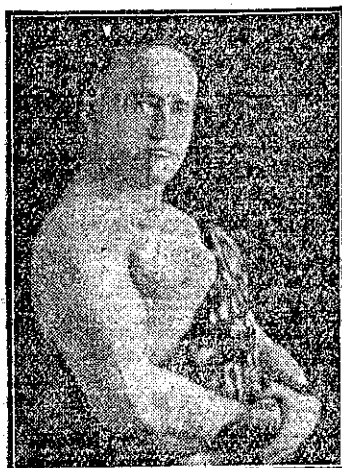
STATION 2FC.—9.30 p.m.: The A.B.C. Players in their new season's offering of the latest in Music, Comedy and Nonsense.

2BL.—9.30 p.m. and at further intervals: The Burwood District Band. 9.37 p.m. and 11.21 p.m.: Bernice Patterson in popular songs. 9.40 p.m.: "Jake and Lou" will entertain. 10 p.m.: Description of boxing contest at Sydney Stadium. 12 p.m.: Captain Hughes will speak on the history of the Schneider Cup. If conditions are favourable, this will be followed by a relay covering the latter part of this famous race.

3LO.—9.30 p.m.: Relay from 2FC, Sydney.

Faraday Centenary

THERE will be some distinguished speakers at the meeting which is to be held in the Queen's Hall, London, to commemorate the Faraday Centenary on Monday, September 21. They will include the Rt. Hon. J. Ramsay MacDonald (Prime Minister), the Duc de Broglie, Senatore Marconi, Professor Elihu Thomson, Professor P. Zeeman, Sir Wm. Bragg, the Rt. Hon. Lord Eustace Percy (president of the Royal Institution), and others. Atmospheric conditions permitting, rebroadcasts will be carried out by the YA stations.



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I Don't Promise Anything!

I GUARANTEE to put two inches of solid muscle on your arms; to increase your chest five inches; to develop your neck to a size larger collar; to add three inches of powerful development to your legs; to give you a slim waist-line that will make you take a notch or two in your belt. And I don't ask you to take my word for it—I don't promise anything—I back every statement with an iron-clad **GUARANTEE**. I've done all this for others—I can do it for you. Get the **PROOF**—send for my amazing new book—now, it's **FREE!**

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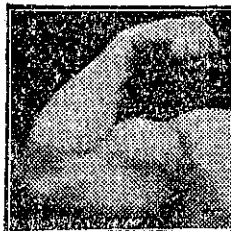
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11/9/31

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"I cannot explain in words how well satisfied I am with your wonderful system."—R. Scott, P., N.Z.

"I feel the wonderful benefit of it; my chest has increased rapidly. When I started with you I made the greatest investment I ever made in my life, and I thank you again for your wonderful course."—J. S. Buchanan, T., N.S.W.

"I am astonished at the way my chest has grown."—F. B. Wilkinson, N.Z.

"I consider your system wonderful."—E. Williams G., Qld.

"I wish to thank you for the way you have instructed me. My chest and shoulders have developed wonderfully, and I have been told by friends that I look a 'new man.' Wishing you the best of success, and assuring you that I will always be glad of recommending your course."—H. L. Hoffman, Sydney.

"I am developing fast, and feel much better. I am certainly very much surprised that one could possibly show such improvement as I have shown in only 14 days."—E. R. Whan, A., N.S.W.

These letters and hundreds more may be seen at my offices at any time.

"INTERLUDE" Prize Winning Drama

THE play given here, "Interlude," was awarded second place in the Play Competition instituted by the "N.Z. Dairy Exporter" and the "Radio Record." Prizes of £5/5/-, £4/4/- and £3/3/- were offered for original plays suitable for presentation by women only within a time limit of from twenty to thirty minutes. The winning play was published last week. The purpose was to make available original plays suitable for presentation by those interested in drama in the circles of the Women's Institute and Women's Division. The detailed award was:—"The Signal," by Helen Gordon (1); "Interlude," by Constance Merritt (2); "Aunt Lizzie's Friend," by Olive McKenzie (3).

Mrs. Conway (loudly, with harshness): "Boy! Pull that damned punkah!"

(The movement of the punkah quickens suddenly. As Mrs. Conway continues her reading a mutter of voices is heard off-stage.)

Mrs. Proctor (off-stage): "No, I'll show myself in."

(Mrs. Proctor is seen to pass the windows, back-stage and enters through arched doorway. She is a tall, thin, fussy, but well-meaning woman, and has a breathless, jerky manner of speech. She is flurried and nervous in demeanour, and remains standing.)

Mrs. Conway (putting down book on table): "How d' you do, Mrs. Proctor, won't you sit down? Pardon my not rising, it's so hot. (With slight reproach.) Too hot for you to be rushing over here to see me!"

Mrs. Proctor (moving quickly towards the sofa, and with suppressed excitement): "You see—Oh, but I just had to come and see you at once. (Here she pauses as if at loss to proceed). . . . It's difficult to know how to begin—"

Mrs. Conway (matter-of-fact): "All the more reason why you should sit down."

(Mrs. Proctor sits on edge of wicker chair near end of sofa, and her hands nervously twist handkerchief.)

Mrs. P. (suddenly): "It's about your boy—"

Mrs. C.: "Cook! Has that black devil been drinking and got married again? Six times is a little—"

Mrs. P.: "No! No! Mrs. Conway. It's your son, I mean."

Mrs. C. (carelessly): Oh, Peter!

Mrs. P.: Yes, yes, Peter and Mrs. Brodie. (With great scorn): That woman! Old enough to be his mother, too! Both myself and Mr. Proctor thought that you should know, so I came over at once. Of course, you can't guess how far it's gone—and, as I said to Jim, you would never suspect your own friend of such deceitful behaviour.

(Mrs. Conway starts to speak, but Mrs. P. cuts her short.)

Mrs. P.: I know, Mrs. Conway, I know, it's hard to credit it, but it is a sad fact. The ingratitude of it! Why, I remember her wedding to Simon Brodie here in this very house. No sister could have done more for her than you did. Indeed, she would never have met Simon but you—and Peter!—I remember he and my John ran out from the wedding breakfast to play some boys' game on the veranda! Why, it's not only shameful, but it's absurd!

Mrs. C. (heavily, musingly): But love often seems absurd.

Mrs. P.: Love! (Snorts indig-

Characters:

Mary Conway, Zetta Brodie, Mrs. Proctor.

SCENE: The living-room of Mrs. Conway's bungalow in Kurali, a hill-station in India. Left is a fireplace and mantelpiece on which stand a large photograph of a boy aged about 22, and a few odd ornaments. Set at right angles to fireplace, slightly to back of room, is a long Chesterfield, at far end of which is a small table on which lie books, magazines, with a large goliwog propped up against them. Round the fireplace are two or three wicker chairs. The back wall is practically taken up by large windows, except to right, where an arched doorway is hung with mosquito netting. Through the open windows can be seen the posts of the veranda, beyond which is a typical Indian hill scene. Right of archway is a small table on which is a telephone. A decanter, syphon, and a box of cigarettes are on the sideboard, which stands against the right wall. Overhead a punkah, pulled by means of cords through the right wall, moves continuously.

TIME: Late afternoon.

As the curtain rises, Mary Conway, rather a masculine, middle-aged woman, dressed in light tropical clothing, is lying on the couch facing centre stage. She is smoking a cigarette and reading. She fans herself impatiently from time to time.



Five years before you came to India, I met a man who meant everything to me. This new power swept me right off my feet and I hovered, blinded by the glory of such happiness as I had never known existed.

nanity.) She has no right to love him. (Mrs. C. moves nervously on sofa.) What of Simon? He's been a good husband to her for years. Why can't she be satisfied with him, instead of chasing after Peter like some infatuated school-girl. (Gasps, surprised by her own eloquence.) Someone must stop her—

Mrs. C. (suddenly seeming to arouse herself from her own meditation, sternly, holding up her hand): One moment, please, Mrs. Proctor!

(Rises from couch and moves centre-stage, Mrs. P.'s gaze following her.)

Mrs. C.: Am I to understand that your mission here has been for the sole purpose of passing on to me the idle talk of scandal-mongers concerning my son and my friend, any truth of which I must surely be only too painfully aware?

Mrs. P. (hurt): No! No, Mrs. Conway. I am surprised that you should think that of me. You don't understand. There's more than that—I heard of it through my cook. You know, he's Mrs. Brodie's cook's brother. I know he was telling the truth. He said Mrs. Brodie was all packed and ready to leave for Bombay to-night to join Peter on his leave. He said they were going to England and would probably never come back!

(Mrs. C. is obviously horrified; she sits down limply on sofa, gripping the arm tightly.)

Mrs. C. (flatly): To-night! (Wonderingly.) So soon! I never dreamed. (Suddenly getting a hold on herself.) But that is impossible! Your cook is lying. (Rises, and paces anxiously to and fro.)

Mrs. P.: (Also rising and following Mrs. C. up and down the room): But I assure you it is true. (Wringing her hands.) Oh, my dear, what can we do?

Mrs. C.: (Sharply and stopping suddenly in her pacing and turning on Mrs. P.): Do! Do! Why, nothing, of course. If what you say is true, then it lies entirely between Peter and Zetta Brodie. It is not for you or me to interfere now. (Mrs. P. commences to protest.) Oh, yes! Yes, I fully appreciate your desire to help, but I must think it over, and if you don't mind I'd rather be alone. (As if to herself): To think it has reached such a crisis already. How blind I've been!

Mrs. P. (obviously only too glad to get away): By all means, my dear (crossing and patting Mrs. C.'s hand), and send for me if I can be of any assistance. (Walking to exit.) And don't you be too soft with that woman. Think of Peter, my dear, think of him

(Exit through doorway as Mrs. B. is seen to approach past windows. As the two meet in doorway, Mrs. P. steps aside to let her (Continued on page 29))

The New Zealand Radio Record

—AND—

Home Journal

(Incorporating the "Canterbury Radio Journal.")

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

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

WELLINGTON, FRIDAY, SEPTEMBER 11, 1931.

THE PROPOSED RADIO BOARD.

IN the Broadcasting Bill now before Parliament listeners see in detail the proposals regarding the constitution of the Board and the powers to be entrusted to it. The proposal involves a complete reorganisation of the basis of broadcasting. The machinery proposal is simple enough. The Minister, on expiry of the present contract, will purchase the existing stations from the Radio Broadcasting Company on the basis provided in their agreement. Then he will immediately require the New Zealand Broadcasting Board (to be constituted) to take them over from him "at such prices and upon such terms and conditions as he thinks fit." The Board is to be appointed entirely at the discretion of the Government, without representation to or consultation with any section of the people interested in radio.

COMMENT already made in Parliament shows that the Bill will not have an easy and untroubled passage. The intrusion of the State into another sphere of activity is not welcomed by many, for obvious reasons. It is answered that this proposal does not involve State control; that the Board to be constituted will be absolutely free and independent. Theoretically that may be so. In actual practice, the personnel is to be appointed by the Government, both initially and subsequently; and, while the present Postmaster-General will honestly endeavour to fulfil his promise that the appointments will not have a political flavour and will be made only on the basis of merit for the task in hand, the same cannot be guaranteed of future appointments under different Ministers. In spite of all assurances, the danger of political influence and subordination to political desires does exist and always will exist, and it is upon this method of electing the Board, we imagine, that the most attention will be concentrated by listeners. Criticism of the Company system was frequently based upon the fact that the listener who "paid the piper" had no opportunity to "call the tune." The proposals of the Bill offer no improvement in that respect, and it is, to say the least, amazing to find a representative of the Listeners' League, after all that has been said by that body about "the rights of listeners," approving of the disfranchisement of all listeners in this way. Mr. Howard was on sound ground when he urged in the House that listeners, whose interests are paramount, should have an influence upon the personnel of the Board. On behalf of listeners we urge the same thing; otherwise, why all the agitation and bother of the past months? In view of the major charge of lack of listeners' influence, this Bill, designed to correct all faults, should definitely provide for elective contact between the listener who provides the funds and the Board which spends those funds.

ON this further point it may be recalled that the proposals submitted by the Radio Broadcasting Company for the formation of an enlarged popular company made provision for those listeners who were sufficiently interested to make a modest investment in the company to elect directors on a territorial basis. That was democratic. For the State, without itself supplying any part of the funds, to arrogate to itself such complete and arbitrary power of appointment in respect of a Board maintained by listeners' revenue, is to our mind quite wrong.

THE powers given to the Board are extensive, intensive, and all-embracing. It is charged, in brief, with the development and control of the whole broadcasting service. These powers will include the oversight of the "B" class stations. The solution of a proper co-ordination between "A" and "B" class stations will dominate the early activities of the Board. The Board will need to decide whether it is to pursue the policy of erecting co-ordinated relay stations of its own in main provincial centres, or whether it will adopt the system of subsidising approved "B" class stations in suitable centres for their extra coverage and alternative services. The Radio Broadcasting Company had complete plans in prospect for the erection of the necessary supplementary stations. Those plans could have been initiated nearly three years ago. Since then the situation has changed materially by the development of "B" class stations—of which there are now 30 in existence—and their future conduct needs a speedy policy ruling.

THAT there will be no lack of aspirants for office on the Radio Board was confessed by the Minister when he indicated that already he had received applications from something like two hundred, who were prepared to consecrate themselves to the cause of radio. Having regard to the future welfare and dignity of the Board, we are sorry this fact slipped out. The salaries proposed are to our mind little enough for the standard of capacity desirable—indeed essential—in the Board. We take it, however, that the Board will be primarily a policy Board, and that in determining the lines upon which the service is to operate, the actual administration will be entrusted to a general manager. The qualities necessary for this post are many, and we venture to suggest that a desirable course would be to invite applications from men with overseas experience in modern broadcasting. Since the B.B.C. is to be adopted as a model, some of its young executives might be available for this country.

TWO significant comments in Parliament should be noted by listeners. When Mr. Campbell was protesting against the cost of additional State services, Mr. Barnard interjected: "But there is money in it for the country." Does this mean that Parliamentarians envisage the possibility, sooner or later, of raiding the listeners' funds to an extent greater than is done already? In England, of the listener's 10/- license fee, the B.B.C. actually receives under two-thirds on which to maintain its service. It is to be noted further that the present Bill does not say how much of the license fee is to be available to the Board. It is laid down simply that the Board, after having been appointed, "may enter into agreement with the Minister for the payment to the Board of portion of the fees received in respect of licenses in relation to wireless telegraphy." Under that clause it is open to the State to appropriate a larger sum than is now allocated. It is to be noted, also, that a Labour member frankly advocated complete Government control of broadcasting, even to the extent of making it part and parcel of the Post and Telegraph service. With all respect to that Department in its field, we say definitely that that would be a huge mistake. Plainly, however, once this contemplated legislation is on the Statute Book, it will be open to any Government to introduce amendments increasing its own power and control of the service. Mr. Jones predicted that it will be impossible to separate the Board from the Government in the popular mind, and that complaints about radio will intrude themselves upon the floor of the House. Listeners may find it necessary to be even more on their guard against State expansion than against so-called "private monopoly," and it is to be hoped, in their own interests, that the contemplated change will not be found ultimately disadvantageous. If the Bill as drafted is approved by Parliament, then the success of the scheme will depend entirely upon the capacity of the personnel chosen.

THAT in essence is the weakness of the proposal. As matters stand, no party is likely to be wholly pleased with the Bill. Listeners have no say in representation whatsoever; the trade has none. The Bill is a request for a blank cheque. No policy is laid down for the Board, and we have been led to believe that the Government desired to institute a progressive policy of more stations and greater service. No such policy is embodied, although the Board is charged with "developing" the service. The Board may adopt the policy desired; as matters stand, there is no guarantee. In the field of finance provision is made for State advances with the consent of the Minister. No limit is set. Parliament is entitled to know the prospective commitments, as also are listeners. What is to be guarded against is the establishment of a bureaucracy divorced from the people.

Suggested Broadcasting Control

Bill before the House

Terms of the Broadcast Bill

THE Postmaster-General (the Hon. J. B. Donald) introduced on Thursday last the Broadcasting Bill embodying the Government's proposals for the future control of broadcasting. The Minister briefly outlined the Bill, the provisions of which are set out in full elsewhere on this page.

Mr. H. M. Campbell (Ref., Hawke's Bay): Will there be any members of Parliament on the Board?

Mr. Donald: No, this is not a State department. It will be run by a board outside the State altogether.

Mr. W. L. Martin (Lab., Raglan): Can you let us have the names of the members of the board?

Mr. Donald said he could not give the information. He had already had applications for positions on the board from about 200 people. So far no one had been appointed.

Mr. Martin: Is it true that provision has been made for two superannuated Public Servants?

Mr. Donald: I do not know of it.

Mr. E. J. Howard (Lab., Christchurch South): You do not know anything, then.

Mr. H. G. R. Mason (Lab., Auckland Suburbs): How many members?

Mr. Donald: Four, but there are no members of Parliament. (Orles of "Oh!")

Mr. D. G. Sullivan (Lab., Avon): You want business men, eh?

Mr. Donald said the board would carry on the work of the present company, and he hoped it would do better than the company.

A Labour voice: How much will you have to pay the company?

Mr. Donald: It is anticipated it will cost about £30,000.

Mr. Sullivan: Do you intend to buy out the existing stations?

Mr. Donald: Yes, the present stations will have to be bought out. He added that the total annual payments to the board members would be £1350.

A Protest Entered.

Mr. H. M. Campbell (Ref., Hawke's Bay) said he wanted to enter an emphatic protest against the whole proposal.

Mr. G. C. Munns (U., Roskill): Of course you would.

Mr. Campbell said the Government was proposing to take a most serious step. At the present moment the Special Economic Committee was searching for ways and means to rehabilitate the country and to save expense, and in face of this the Government was bringing down proposals for the annual expenditure of £1350, apart from other expenses that would be incurred if the scheme were carried to a conclusion. In addition, it would spend £30,000 on the purchase of the present system.

Mr. W. B. Barnard (Lab., Napier): But there is money in it for the country.

Mr. Campbell said he wanted to state quite definitely that the present was not the time for the Government to go in for fresh enterprises. There were too many State activities. The Government was struggling along in an attempt to make both ends meet, and yet it proposed to make a new outlay. He thought the cost of buying the equip-

THE terms of the Bill may be summarised as follow:—

The Board, to be known as the New Zealand Broadcasting Board, is to consist of four persons to be appointed by the Governor-General-in-Council. The chairman, whose salary is to be £600 per annum, is to be appointed for a period not exceeding five years, but each subsequent such appointment is to be for a period not exceeding three years. Three other members are to be appointed, with a salary of £250 a year each; one not exceeding four years, one not exceeding three years, and one not exceeding two years; all subsequent appointments not to exceed three years.

The Board is to be a body corporate in perpetual succession and a Common Seal, and is to be capable of holding real and personal property, and of doing and suffering all that bodies corporate may do and suffer.

Contracts of a nature usually signed and sealed are to be made under the Board's seal, with the exception that verbal contracts involving payments not exceeding £20 may be made.

Members may be removed from office for disability, insolvency, neglect of duty or misconduct, and vacancies may be filled by the Governor-General-in-Council. Any member of the Board who becomes in any way concerned or interested (except as a member of a company with more than 20 members and of which he is not the general manager) in any contract made by or on behalf of the Board, whereby he becomes entitled to receive money or valuable consideration, may be removed from office. Publication in the Gazette of notice of appointment or removal is conclusive evidence of such action. In the event of any incapacity by reason of illness, absence or other cause, substitutes may be appointed to fill members' places at such remuneration as may be determined by the Board.

Members of the Board are to be paid such travelling allowances and expenses as may be approved, all such payments being made out of revenue.

The Board shall determine its own time and place of meeting; three members, of whom one shall be the chairman, to constitute a quorum. The chairman is to have a deliberative vote, and also a casting vote if required.

THE Board is empowered to appoint such officers and servants as it deems necessary for the efficient exercise and performance of its functions and duties. It may also appoint for such purposes and on such conditions as it may decide, standing or special committees, including district committees, to advise the Board in matters affecting the broadcasting service or operations and affairs of the Board.

The members of the Board and staff are not to be deemed permanent officers of the Public Service or subject to the Public Service Act, 1912.

THE Board is constituted to carry on a broadcasting service within New Zealand on and after January 1, 1932, and to develop and improve such service from time to time. To do this the Board may obtain licenses under the Post and Telegraph Act, 1928, and may enter into agreements with the Minister for the payment to the Board of portion of the fees received in respect of licenses. The Board is to have authority to carry on in connection with such broadcasting service any subsidiary business that, in the opinion of the Minister, is ancillary to the carrying on of such a service, and shall have all such other powers not inconsistent with the Act as are reasonably necessary for the effective performance of its duties and functions.

It is further provided that the Board shall, if and when required by the Minister, acquire from him, at such price and upon such terms and conditions as he thinks fit, any broadcasting stations, plant and assets that the Minister may acquire pursuant to any agreement in force at the passing of the Act.

The Board is restricted from holding a dealer's license entitling it to deal in wireless apparatus. The Board is further restricted from seeking any concession, right or privilege from any Government other than the New Zealand Government except with the consent in writing of the Minister.

Further, the Board shall not borrow any money or mortgage or charge any of its property or rights except with the precedent consent in writing of the Minister. Further, the Minister may, for the purpose of enabling the Board to commence its functions, advance to the Board any moneys required for the payment of any preliminary or general expenses, including the salaries payable by the Board before it has sufficient revenue for the payment thereof. The accounts are to be subject to audit as if the moneys of the board were public moneys.

As from January, 1933 (twelve months after taking control) the Board is required to present to the Minister a report upon its proceedings and operations during the preceding year. This report is to contain a balance-sheet and profit and loss account and such information as required.

The Board is authorised to establish a depreciation reserve, to which may be charged any depreciation in the value of the Board's assets and any loss involved in the destruction of or injury to those assets, and any expenditure involved in the replacement of assets. The Board may establish other reserves as deemed necessary and may appropriate this from its revenue with the Minister's consent. Any moneys can, with the approval of the Minister, be invested in New Zealand Government securities.

ment would be nearer £50,000 or £60,000 than £30,000.

Representation of Listeners.

Mr. E. J. Howard (Labour, Christchurch South) protested from another angle—against the method of setting up the board. "We have at present," he said, "a Meat Board, a Dairy Board, a Fruit Board, a Honey Board, and a Highway Board, and all these boards are set up by people interested in the affairs they have to administer." Under the Bill the broadcasting system would be owned by the listeners-in. They would have to buy the stations and pay for the whole outfit, and yet they were not to have one word in the appointment of the members of the board. "I protest," he said, "against the Government giving into the hands of four people, whom it has to select from its friends, a concern which belongs to the people who pay for it." Once the board took charge there would be less control over its actions than there was over the private company to-day. At present questions could be raised in the House about the broadcasting system. The listeners-in would have no redress against the board. It was a shameful proposition, and Mr. Howard said he would prefer the present company's proposal to the Government's proposal.

Mr. A. E. Ansell (Reform, Chalmers) asked what representation the listeners-in would have.

Mr. Donald: "The Government intends to see that they have representation."

Mr. Ansell said that a proportion of to representation on the board, but so far the House had no indication that they would have a voice at all.

The Prime Minister, Rt. Hon. G. W. Forbes, said Mr. Howard had worked himself up, but he asked him to possess his soul in patience until he had seen what was proposed in the Bill. He felt that when members knew what was proposed they would welcome the Government's scheme, and he felt sure that listeners would agree that a step in the right direction had been taken. He felt confident that the system would be improved as a result of the steps proposed. The system would be based on the B.B.C., which had proved entirely satisfactory. It was acknowledged that there would always be complaints about the quality of music, but after all that depended upon one's set and upon one's views about music. In the past the boards set up by the present Government had been the best that could be got, and there would be no exception in the present instance.

Mr. F. Waite (Ref., Clutha): Are you making arrangements for the broadcast of our debates?

The Prime Minister: Well, I hope not for the sake of those who are listening-in.

Full Consideration Necessary.

The Leader of the Opposition, Rt. Hon. J. G. Coates, said it was questionable whether the Government was justified in taking on further responsibilities at the moment. They knew that the outlook was not good, and under the present conditions he would ask the Government to give very careful consideration to any proposal that

would involve the expenditure of money. It was all very well to say that the listeners were paying, but the moment the change-over was made, an immediate improvement in the system would be demanded, and there would be widespread disappointment if the changes were not made.

This would involve more expenditure, and Mr. Coates said he was inclined to think that the question was one warranting very careful consideration at a time when the country was trying to conserve every available penny. Everyone was anxious that the listeners should have the most up-to-date programmes possible, but that meant money, and he doubted whether the present facilities offered by the company were very materially different from those that would be provided in the future.

Mr. Waite said the House should consider very carefully whether the Government should be given the control of yet another of the public's entertainments. One felt impelled to ask when the Government was going to stop taking over the control of social activities.

Reference to B Class Stations.

Mr. D. G. Sullivan (Labour, Avon) asked whether the Government had any policy with regard to the B class stations.

Mr. J. A. Nash (Reform, Palmerston) said he would support the plea for the listeners-in to have a voice in setting up the board.

Complimenting Mr. Nash on his democratic spirit, Mr. W. E. Barnard (Labour, Napier) said that Mr. Howard's case was unanswerable.

"I am going to vote against the Bill altogether," declared Mr. D. Jones (Reform, Mid-Canterbury). "It is wholly wrong to bring this matter under the Government at all." It would be paraded continuously in the House, he said, and there would be bitter debates about the quality of the material being sent over the air. The board would be looked upon as a political board.

The Postmaster-General, replying to the discussion, said that the B class stations would be controlled by the board. Although times were bad, the number of licenses was increasing, and that showed there need be no fear about the revenue. He was satisfied there would be sufficient funds to provide the service required. If he was in office when the board was appointed the listeners-in would have their say so far as administration was concerned.

Mr. Howard: What do you mean?

Mr. Donald: They will be appointed to the board.

A Voice: What! All of them?

At present, the Minister said, no names whatever had been considered. He resented the suggestion that two men had already been nominated. Personally he had a perfectly open mind in the matter. "I can assure members there will be no political appointments," he concluded.

Mr. M. J. Savage (Labour, Auckland West) said the Government should take complete control of the broadcasting service, which should be part and parcel of the Post and Telegraph service.

The opinion that the Government would be well advised to keep out of the service was expressed by Mr. R. A. Wright (Reform, Wellington Suburbs).

The Bill was read a first time.



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.

Private Enterprise in Broadcasting.

I HAVE read with interest the views of various correspondents re YA broadcasting, and cannot believe it is so bad as some state, nor yet so good as the enthusiasts assert. It might have been worse; it could be better. The quality of available local talent has a strong bearing, which is possibly why many B station programmes are so appreciated. Still many listeners must be doubtful if the best use has been made of the talent available. If one may criticise, the principal fault would appear to be lack of enterprise, due to which the same type of purely concert programme, with little relief, comes to us night after night. There seems to be a tendency to fill the evenings with the most easily-obtained material, and of this perhaps the "Octet" at IYA is an outstanding example. Recently an effort has apparently been made to provide interesting lecturettes on a variety of subjects, and I know this is being appreciated by many.

There has been much talk of B stations advertising, but YA stations are big offenders. A recent talk upon the doings of the IYA Musical and Dramatic Committee was, in present circumstances, nothing but cleverly camouflaged advertising, not so blatant, I must admit, as many of the talks on N.Z. manufactures. Advertising, like speculation, evidently must be done on a large scale to be successful—small stations cannot get away with it.

Regarding the future of N.Z. broadcasting, many listeners will agree that this should not be in the hands of a private company, when the spur of competition is removed by the granting of a monopoly. The necessity for a profit is obviously opposed to the expenditure of the greatest possible amount in equipment and programmes. In this connection the figures published by the R.B.C. would appear incomplete and unconvincing. It is possible that if the stations should be taken over at valuation, by another authority, the company's shareholders would find themselves well paid for their pioneering efforts.

It would seem only fair that some consideration should be given to B stations. It is admitted they are on the air for their own purposes, as certain advertising advantages accrue which they must consider of value. Still many of us, whose fee of 30/-, less Government deduction, goes wholly to YA stations, are drawing the major portion of our entertainment from B stations, who certainly appear to deserve something more than thanks for their very successful efforts to entertain and

amuse. It seems reasonably probable, too, that some of the high class B stations would be inclined to allocate a large portion of any receipts to still further improvements, especially if some minor and well-controlled advertising concession were granted. If it be considered that private company control is most advantageous, we should then have it, minus monopoly and plus competition, and judging by some of the B station programmes at present on the air, should be exceedingly well served.—Tikirawa (Auckland.)

Private Enterprise Favoured.

IT is very interesting to read Press accounts of the proposed company for broadcasting, also the counter opinions of the New Zealand Radio Listeners' League. I specially note listeners, not license holder. In this house there is one license holder and an unlimited number of listeners.

I vote against State control absolutely—not one State-controlled business being satisfactory. The broadcasting should remain in the hands of trained successful business men, whose methods have brought the company to the position it now holds.

Six years ago not a member of the new B class stations or any other organisation was prepared to stake any capital whatsoever on the venture. Yet as soon as the huge profits (like farming, purely mythical) are being made, communistic plans for sharing the profits are being brought out. Pity the balance-sheet, covering five years' working, dispels the ideas of gain.—License Holder (Waitomo.)

W.E.A. Lectures

2YA Schedule

W.E.A. LECTURES from 2YA are arranged as follow:—

Saturday, September 19: Dr. R. M. Campbell, recently returned to New Zealand after four years' study and travel abroad. A W.E.A. lecturette, "Denmark and New Zealand."

Saturday, October 3: Mr. W. E. Leicester, LL.B. A W.E.A. lecturette, "The English Comic Spirit."

Saturday, October 17: Mr. F. L. Combs, M.A. A W.E.A. lecturette, "Logic and Emotion in Human Life."

Saturday, October 31: Professor F. W. Robertson, author of "A Son's Progress" and "Life and Beauty." A W.E.A. lecturette, "The Meaning of Beauty."

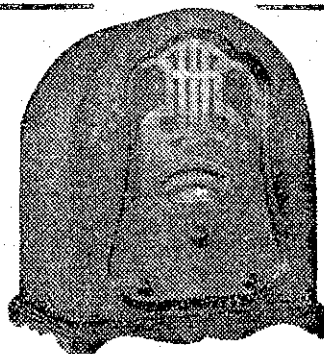
Saturday, November 14: Dr. I. L. G. Sutherland, Lecturer in Psychology, Victoria University College. A W.E.A. lecturette, "Acquisitive Society."

Notes and News from the North

(By "Call Up.")

BEFORE the end of the year Mr. Len Barnes and the IYA Station Choir hope to present to listeners "The Country Girl" and "The Messiah," which, though entertainments of markedly different types, should appeal to the large body of listeners who appreciate this very fine choir.

MR. GORDON HUTTER'S well-known voice is being kept busy telling IYA listeners what is happening in various fields of sport. With wrestling every Monday, a sports talk from the studio every Friday evening, and the football relays on Saturdays, the sporting side of the Auckland station's programmes is being well cared for. Incidentally, Mr. Hutter must be one of the fastest talkers in Auckland, particularly when he gets going during an exciting wrestling bout, and most short-hand writers would die of heart failure in their attempts to take verbatim reports of his commentaries. However, he is always distinct, and his speedy delivery is often necessary to keep pace with happenings in the ring.



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The Prevention of Goitre

A Talk by Dr. Duncan Cook, Medical Officer of Health for Dunedin
recently Broadcast by 4YA



In recent years much scientific attention has been given to the needs of the body; in consequence the treatment and prevention of disease is now centred on supplying those needs rather than the extensive use of drugs.

One of the greatest advances of modern medical investigation has been the discovery of the substances which the body requires for its normal operation, and the diseases which result when these substances are lacking. Vitamins, iron, sunlight and iodine are only one aspect of the problem, for other substances which are needed arise in the body itself and their deficiency results in disease.

It has been found that the thyroid gland produces a secretion which can be formed only when iodine is present in the food supply. The secretions of the thyroid profoundly affect a great number of different body processes.

Heavy doses of thyroid extract speed up the vital engines to such an extent that unless enormous quantities of food are provided, there is a breakdown of the substances of the tissues themselves in an effort to get more fuel to burn; and the animal or man wastes away.

Goitre in New Zealand.

SIMPLE goitres—which term is applied to enlargements of the thyroid gland—are extremely common in New Zealand, as all with trained powers of observation can see for themselves by studying the passers-by in the streets.

It is not a new problem in New Zealand. Goitre was known to the Maoris in pre-European days, and in 1875 was very noticeable in the women of the Tuhoe tribe in the Urewera district. In 1925 300 Maoris of both sexes were examined in this district by Dr. Hercus, and 18 per cent. were found to have well-marked goitre.

The first reference in New Zealand to a goitre problem among the European population was made in Christchurch, in 1888, when the medical superintendent of the mental hospital was impressed by the frequent occurrence of goitre in the Christchurch district.

In 1910 Dr. Colquhoun established the fact that goitre was prevalent in many districts of New Zealand. The first statistical figures of value were obtained during the examination of recruits in the late war, when over 1,500 men out of 130,000 examined were rejected for active service on account of goitre.

In 1920, 1500 school children were examined by Drs. Hercus and Eleanor Baker in Canterbury and Westland. Thirty-two per cent. were found to have markedly enlarged glands, and in a further 29 per cent. the glands were enlarged to a less degree. An investigation of St. Helens Hospital, Christchurch, over a period of twelve months

showed that 60 per cent. of the mothers had goitre and that 8 per cent. of the babies were born with goitre.

Extensive goitre surveys of school children throughout New Zealand have now been carried out and the goitrous areas have been clearly defined.

From these facts it is evident that endemic goitre presents a very real and pressing problem in this country. It is happily true that in the majority of

over 70 years owing to the difficulty of estimating the minute quantities of iodine involved.

The field evidence in New Zealand early led to a systematic investigation of the iodine deficiency theory. If iodine deficiency is the basic cause of endemic goitre in New Zealand, it should be possible to demonstrate an inverse relationship between the incidence of goitre in different localities

where iodine content of soil is low, and low where soil iodine is high.

Iodine in Foodstuffs.

THE results may be summarised by stating that marine products are richest in iodine, next in order comes food derived from fresh water (e.g., watercress), and then eggs, wholemeal cereal products, leafy vegetables and milk. Refined cereals and root vegetables are low in iodine content.

Summary of Causation.

WHEN the important and varied functions of the thyroid gland are considered, it is evident that many different demands may induce thyroid enlargement.

Certain enlargements of the gland occur despite adequate iodine in the food. It is not, therefore, contended that iodine deficiency is the only cause of goitre in New Zealand, and that other accessory factors cannot produce goitre in isolated cases.

The weight of evidence in this country clearly indicates that the deficiency of iodine in the soil and food supply is the basic cause of the widespread endemic type of goitre occurring in well-marked areas.

In 1929 Dr. R. A. Shore, of the Health Department, and R. L. Andrew, of the Dominion Laboratory, published a series of similar investigations in the North Island to those which have been carried out in the South Island. One of the main findings is as follows:—

Generally speaking, where the iodine content of the soil is high the incidence of goitre is low, and when the former is low the latter is high.

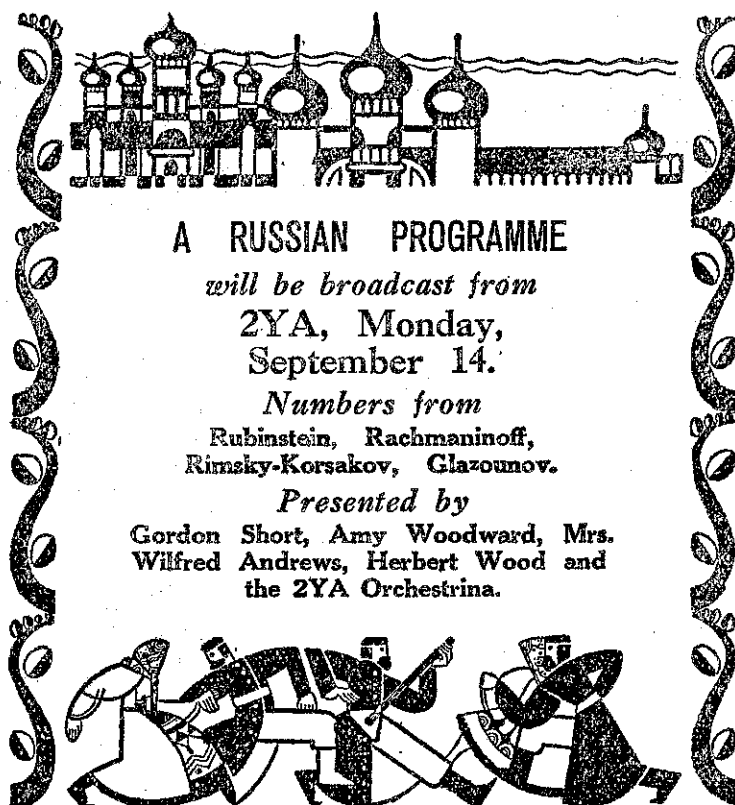
Similar mineral deficiency diseases have been demonstrated in New Zealand. On the Moutere hills, where there is a deficiency of phosphorus and lime, stones are common in the kidneys of sheep. Bush sickness of cattle has been found to be due to a deficiency of iron in the soil. Animals in goitrous areas in New Zealand develop a craving for soil containing salt and iodine in high concentration, and instinct guides them to the correct areas for obtaining it.

Preventive Measures.

IF goitre in New Zealand is due to iodine deficiency, it should be possible to prevent the disease by supplying the need. The value of iodine in the prevention of goitre has been abundantly proved on a commercial scale in the prevention of goitre in sheep, pigs and trout.

It is essential in man that iodine should be supplied in carefully controlled dosage, or better, as a constituent of a natural food. The amount required daily can best be appreciated by considering that 1 ounce of iodide of potassium is sufficient to supply roughly the whole population of New Zealand for one day.

The freedom from goitre of the coastal tribes of Maoris in pre-



cases the enlargement of the gland amounts to no more than a disfigurement. In an appreciable number of cases, however, in children, there are minor disturbances of health arising from goitre. It is well to remark that endemic goitre is a stepping stone to Cretinism in children.

With an enlightened population such as ours this should never occur, but we must take our warning seriously and not allow this goitre problem to master us.

Causation of Goitre.

DESPITE centuries of observation and speculation, there still remains a sharp division of opinion as to the fundamental cause of goitre.

The century-old theory of a deficiency of iodine in the food supply of the affected areas receives considerable support, notably from Switzerland, America, Norway and New Zealand.

This simple theory was first suggested in 1840, but has languished for

and the amount of iodine in the soil. It should be possible also to demonstrate that a direct connection is maintained between the iodine content of the various soils and the vegetable and animal produce grown upon them.

The chemical investigations were commenced by Mr. Carter, under the direction of Professor Hercus, at the Otago University in 1922, and were at first limited to the iodine content of various soils. The refined methods for iodine estimation designed by Fellenberg in 1923 were not then known. In 1924 Roberts determined the iodine content of a wide range of plant and animal foods from goitrous and non-goitrous districts. Over 500 representative samples of soil were analysed.

When these data were correlated with the goitre incidence among school children a very striking inverse relationship appeared. Put in ordinary language, this means that goitre is high

European days was doubtless due to their fondness for marine food, and this is a habit that everyone of us would be advised to cultivate.

Fish and oysters are particularly rich in iodine, and one oyster a day would be sufficient to prevent goitre.

If we are unable to supply the deficiency from foodstuffs, the restoration of iodine to the depleted soil by means of iodine-rich fertilisers would appear to be the best method of attack. Various experiments have been carried out on this part of the problem, but are not yet completed, but it may be found that iodine is essential to the healthy growth of plants, as it is to animals. If this is the case, maximum yields of crops are not being obtained at the present time.

The final method of prevention to consider is the addition of a prescribed quantity of iodine to a suitable article of diet in common use. Common salt to which a trace of iodide of potassium has been added would appear to be the most suitable means of restoring the deficient element.

This method is in extensive use in Europe and in America, and to a certain extent in New Zealand. Since 1924, when the New Zealand branch of the British Medical Association urged the Government to introduce iodised salt into endemic areas, this method has been available in New Zealand. The amount of iodine in the salt is 1 part in 250,000 parts. This is calculated to supplement the intake of the average individual by 38 micro-

grammes, which is about the daily minimum requirement.

To accomplish this it is essential that the iodised salt should be used both for cooking and table purposes.

In the mental hospital at Christchurch, the result of this method of administering iodine has been remarkable, patients with huge goitres improving both in appearance and in actual health.

It is disappointing to find, however, that despite the efforts of the Health Department and the medical profession, the importation of iodised salt is less than one-sixth of the actual domestic requirements of the population.

No danger can accrue from the use of iodised salt, and it is hoped by giving the public the reasons for its introduction that its value will be appreciated by all and that ultimately only iodised salt will be used throughout New Zealand.

In addition to the use of iodised salt, the importance of a well-balanced diet must not be forgotten. This should include sea food: fish, oysters, etc., whole milk, milk products, eggs, whole cereals, green leafy vegetables and fruit. It is to be noted that this diet is also the richest in natural vitamins and is to be preferred for that reason also.

Race Broadcasts

Lifting of Ban Advocated

THAT an effort should be made to induce the Racing Conference to reconsider its decision of not permitting running broadcasts of races from the courses was advocated by Mr. L. H. Collinson at the annual general meeting of the Manawatu Racing Club.

"It has been said that broadcasting will result in smaller attendances," said Mr. Collinson, "but the broadcasting of wrestling matches has not decreased the attendances. Rather it has resulted in increasing the popularity of the sport. The Press is a great help, but people who are fond of racing and are unable to attend meetings should be permitted to hear a running broadcast."

Mr. C. Louison, the club president, said that the question raised by Mr. Collinson had been considered several times by the conference, and had been adversely commented upon by the race-course inspector, while business people were also antagonistic. A further point was the tendency broadcasting would have to increase local betting.

Children's Sessions

FROM 2YA.

Monday: To-night we shall visit Fairyland again. Uncle Jeff has received an invitation from the Fairy Princess to bring with him Miss Hilda Gorrie's party. Kipling Lady will of course join the party.

Tuesday: Here's Jumbo again, and he will tell you all about the animals at the Zoo. He will also introduce you to the wee children who are bringing their drums, cymbals, triangles, bells, violins and zithers. Miss Gertrude Johnston is the conductor of the rhythmic band.

Wednesday: Wednesday afternoon brings Aunt Daisy and her Cheerful Chirpers, with song and choruses, jokes and riddles. Aunt Daisy will have visited the Zoo again and will tell you some more true animal stories.

Thursday: All the girls who are coming to the studio to-night are bringing their dolls to perform. Mrs. Percy Woods is coming with them. Big Brother Jack and Uncle George will love hearing about the "Doll's Christening," and the "Two Dolls" talking to each other, and there will be one that dances.

Friday: Uncle Jim and Uncle Noel will to-night tell stories of adventure, for its boys' night to-night, and the Rongotai boys will be at the studio to sing some more of their delightful choruses, a great number of which Uncle Noel has composed himself.

Saturday: We are to hear more about the adventures of Budge and Toddy to-night. As you know, they are always up to some mischief, but we love them all the same don't we? Aunt Molly will send out birthday greetings, and we hope Uncle Jasper and Spot will be here, too. We know Mrs. Victor Lloyd is to be one of our guests, as she is bringing Budge and Toddy with her.

A Maritime Programme

AN outstanding programme which should appeal to all listeners—especially those with a love of the sea—will be given from 1YA on September 30. The first portion of that evening's programme will be given by the Station Choir and the orchestra, who will render sea songs and airs. The second half will be called "A Voyage in a Sailing Ship," and the musical crew will have a real man of the sea, "Lee-For-Brace," for master. Under his direction the good ship will sail to the accompaniment of all the old sea shanties.

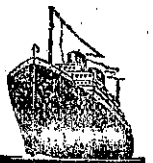
Sunday: Uncle George will conduct the Children's Evening Song Service to-night, and he will be assisted by the children's choir from the Presbyterian Church, Kent Terrace.

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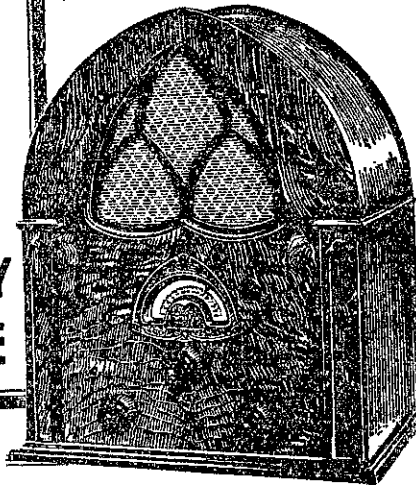
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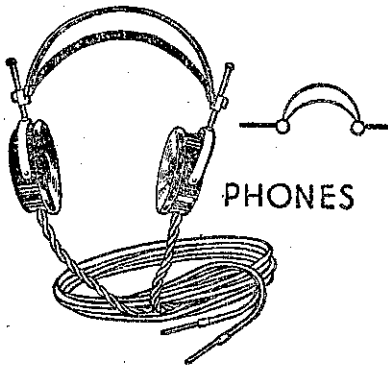
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A Diagnosis of Radio

Telephones

By the Technical Editor

SPEAKERS and phones are essential parts of the radio man's apparatus because they have to perform the very important function of bringing the electrical impulses back to sound impulses. Before sound can be transmitted it must be converted into an electrical form, and this is the function of the



microphone at the wireless studio. As electrical vibrations, sound can be transmitted over great distances. When it reaches your set it is strengthened, its form slightly altered and then passed on to the phones or loudspeaker, whose duty it is to reconvert the electricity to sound waves.

This is how the change is brought about. From the plate of the last valve in your set flows a current of direct electricity, but, as explained when we were dealing with chokes, mixed with this is the alternating current from the radio station.

If you remove the cap of your telephone, and I dare say every wireless enthusiast has, you would see a strip of thin iron (often stalloy), known as the diaphragm. Underneath this are what appear to be two pieces of iron, around which are wound coils of very fine wire. In reality it is a one piece iron magnet bent into a horseshoe shape, and around each leg or arm, whichever you may term it, is a large number of turns of very fine wire. These two coils are connected together, so that in each earphone we have only one big coil. The coils are connected and the two free ends taken to the set. One side will connect with the plate of the valve and another with the battery, so that the battery current must flow through the phones before it can get to the valve which it has to energise. Likewise the alternating current can get to earth (it is always trying to get there) only by going through the phones and the battery to earth. When this alternating (audio) current passes round the coil of fine wire the alternations of electricity affect the pulling power of the magnet.

The result is that as different impulses go through, varying strains are put upon the diaphragm, which moves

current, on the other hand, can pass through the choke, but not through the condenser. Now, if we connect up an audio frequency choke, a condenser and phones as shown in the sketch, it can be seen that the battery current can get to the valve through the choke, but cannot pass through the phones because of the condenser. The audio frequency current coming from the last valve cannot pass through the choke, so it is forced through the condenser, through the phones, and to earth. The virtue of this system is that the direct current is prevented from flowing through the phones, damaging the wiring. You will remember that the wire is very thin, and your valve, if it is a fairly big one, requires a large amount of current to energise it, and this current passing through the fine wire in your phones would be burnt out. Now you understand why your speaker refuses to go after you change your ordinary general purpose valve for a power valve without installing a filter.

A good pair of phones has a high resistance, say 4000 ohms. They should be light and comfortable, and should fit closely to the head. Uncomfortable phones take away much of the joy of listening.

Loudspeakers

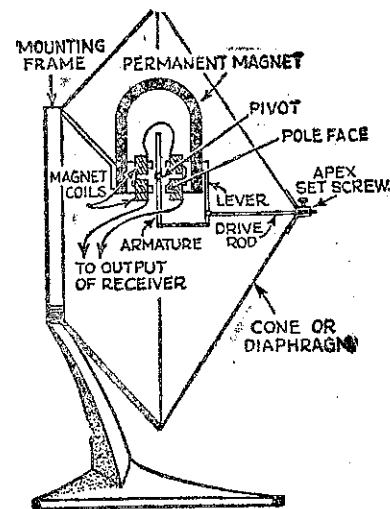
A **LOUDSPEAKER** is an adaptation of the phones. Although the methods in which the electrical energy is converted into sound energy vary slightly in the different types of speakers, yet the broad principle is the same as the phones. Generally speaking, there are five types of loudspeakers, and we shall briefly review these in order.

(1) The horn speaker. This was very little different from the telephone. It had the one magnet, with two bobbins of wire which acted on a diaphragm. The diaphragm in turn moved a column of air, which, because of the shape of the horn, to a certain extent magnified the sound.

(2) The cone speaker. This is slightly different, in that instead of a diaphragm a light metal rod (armature) is balanced between the poles (of the magnet), which is doubled round in

stead of being left open on one side. The fluctuation in the audio frequency current pulls the armature from side to side. Attached to the armature is a rod (the reed), which is fastened to a paper cone. The cone is thus made to vibrate in harmony with the audio frequency current, and so the air is moved.

3. The moving coil loudspeaker. The main drawback of the cone speaker was that if a great deal of current was passed through it, it would rattle; that is, the armature would clash against the poles. To overcome this, a new principle known as the moving coil was introduced. The essential parts are shown in a diagram. The small coil, known as the "voice



A balanced armature cone speaker.

coil," is connected in the circuit of the last valve of the set through a suitable transformer, or filter. This coil is wound on a collar of stout paper attached to the cone, which fits closely over a piece of cylindrical soft iron around which is a large iron pot. Inside the pot are many turns of wire which must be connected with a suitable supply of direct current, the central cylinder thereby becoming a magnet. This magnetised cylinder attracts and repels the voice coil according to the fluctuations going through (Concluded on page 15.)

EXIT

HUM

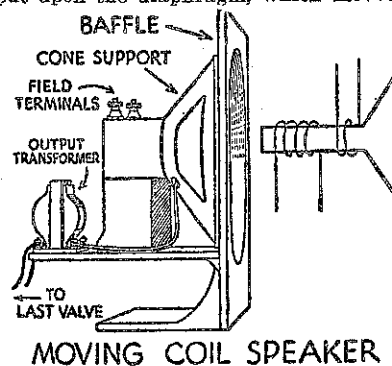
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in response. The impulses travel so quickly that one cannot see the diaphragm moving. The diaphragm pushes and pulls the air, and so we hear.

If we do not want the battery current to be passed through the phones we could, so to speak, short-circuit it by means of an audio choke. You will remember that when we were explaining radio chokes, we said that radio or audio frequency current could not pass through a radio or an audio choke, as the case may be, but it was capable of passing through a condenser. Battery

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News and Views of the D.X. Club

Answers to Correspondents

DXIT (New Plymouth): DX Club stickers for envelopes should be available within a week.

"Audie" (Nelson): Your method of finding the local time for any country in the world is quite good, but you make no allowance for time belts. In each of these, embracing 15 degrees of longitude, the time is the same. Your log is quite good.

DX29MC: You heard 2YA testing. KFI Los Angeles is OK.

HFA (Masterton) suggests that a competition might be held for short-wavers, the holder of the greatest log of confirmed foreign stations (including amateurs), taking first prize. A competition of this description would be rather hard to run, but we would be agreeable to do so, provided there were sufficient entries. We would be pleased to hear the opinions of other short-wavers.

"Logan Park" (Dunedin): The address of JOKK appears in a panel in these pages. 2ZX is operated by the Western Electric Company, Hone Gibbons Building, Dixon Street, Wellington.

DX40C: The addresses of European stations as given in the lists appearing in the last few issues of the "Radio Record" should be quite sufficient.

Addresses & Addresses Wanted

"Bob" (Wellington):—WABC, Atlantic Broadcasting Corp., New York. KFWB,

Wernes Bros. Broadcasting Corp., Hollywood, California. There is no station KFBL.

Identification Wanted

Station heard at 4 a.m. on August 30 on approximately 321 m. (935 kc.). Weird music, similar to that often heard from

solo, followed by an orchestral item, was heard. Latter sounded foreign. This was followed by a song, sung by a child, and a further orchestral number. Closed down at 2.5 a.m.—"Logan Park" (Dunedin).

American on approximately 1185 kc. (253 m.), heard on August 30, about 5.30 until 5.40 p.m. Items heard: (1) "Springtime in the Rockies," followed by two announcements. (2) "China Town."

Are YOU a Member of the DX Club?

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

Radio Bangkok, but more high-pitched was heard. At 4.25 a.m. an announcement which sounded like "Hello" in English. Remainder was drowned by static. What is the call of the A.W.A. station on approximately 247 m. (1210 kc.) which relays many other stations.—L.E.H. (Waikato).

Station heard on approximately 309 m. (970 kc.) at 1 a.m. on August 27, playing gramophone records. Also a Jap. heard giving instrumental items at 11.50 p.m., just below 4QG, Brisbane. He closed down at 12.10 a.m. on the 27th.—P.K.B. (Oamaru).

Japanese station on 923 kc. (324 m.), heard on September 1. At 2 a.m. a flute

(3) "I Am Spending too Much Time on Myself." (4) "Jingle Bells." Static was too hard to hear call.—"Marama" (Colac Bay).

Foreign station logged on August 30 at 3.55 a.m. on approx. 935 kc. (321m.). Music and singing is very similar to that heard from Radio Bangkok. From 3.55 to 4.30 a.m., the same weird music, etc., continued with short breaks of about half a minute, but no announcement was heard until 4.30. This was in a foreign language. At 4.42 music changed considerably, being more like an orchestral item, was played quickly, and sounded much like a bow being drawn quickly across a violin. At approx. 4.48 announcer spoke in English. The words, "Hello, hello," but the rest was lost in a crash of static.—"Hydro" (Napier).

Foreign station on approx. 1065 kc. (281m.) heard at 6 a.m. on August 30. Also another on 1175 kc. (255m.) at 6.5 a.m. (Further particulars should be given.—Ed.) Also Australian a little below 2WL heard announcing "32K, Melbourne," a fortnight ago. Is this call correct?—G.A. (Thornbury).

From August 28 to September 3 the following stations have been heard between 5 a.m. and 6.30 a.m.—One on 12M's frequency. Music sounds as though from a large stringed instrument orchestra. One below 2ZJ—both music and talking. Seemed to be a mixture of English and foreign language. One just below 12R. Majority of transmission is speech in a foreign language. Heard announcer say that Professor — would speak. This was followed up by talking until I switched off at 6.30 a.m. One on 3ZR's frequency. Music and foreign language. One just below 4QG. Music from a large orchestra is always heard.—"Digger" (Hamilton).

Two Californian stations on 1160 kc. (255m.), and 970 kc. (309m.), broadcasting dance music between 5.30 p.m. and 6.30 p.m. Strength good, but announcements poor. DX670C (Dunedin).

Chinese station heard on September 1 from 4.50 a.m. until 6.17 a.m., when, with the approach of dawn, he faded away. Number of items, vocal and orchestral, heard at R6. Music often resembled pipes, and at other times was characteristically weird. During first

few minutes, station changed its frequency from 910 kc. to 890 kc., but later it remained on 910 kc. (329m.).—DX40C.

Station heard on August 18 at 11.15 p.m., just below 2FC, Sydney. Heard person speaking on the Australian Bond Loan. He spoke for about an hour, after which the announcer gave call sign, which was spoilt by static.—JH (Wellington).

Stations Identified

"Nightbird" (Dunedin):—I also heard a station on approx. 275m. (1090 kc.) after midnight on June 22. I put this down to a new Perth station, but according to GWT's card, the only other station in Perth is 6WL on 297m. (1010 kc.).—"Six Valve" (Christchurch).

"Ground" (Wanganui):—Station of 1YA's old frequency is either 4RK, Rockhampton, or KHJ, Los Angeles. 900 kc. (333m.).—E.J.M. (Oamaru); WGN, Chicago, on 720 kc. (416m.). J.H. (Wellington); JOKK, Hiroshima, 353m. (850 kc.). "Static" (Nelson). KGR, Longbeach, California, on 225m. (1330 kc.), P.K.B. (Oamaru).

E.J.M. (Oamaru) and "Digger" Hamilton).—On the morning of July 19, after 2FC had closed down, I heard the Japanese station, and at 1.30 a.m. heard the call JOKK.—P.M.B. (Dunedin).

E.J.M. (Oamaru):—Station between WLW and 2YA is KMPC, owned by R. F. McMillan, Beverly Hills, California. "Ground" (Wanganui). American next to 7ZL is KMTR. DX12HB (Havelock North). Station on 2BL is Radio Bangkok. "Logan Park" (Dunedin).

DX650C:—Station on 55 is WGN, Chicago, while that on 59 is WLW, Cincinnati. DX9A (Onehunga), KMTR under 7ZL, and WBBM under JOAK. "Southlander" (Invercargill, WBOQ, New York City, has been testing for several nights lately on 880 k.c.s. (349 metres).—N. Jenkins (Masterton).

DX650C: WENR. Great Lakes Broadcasting Co., 20 North Wackerdrive, Chicago, Illinois. "Audio" (Blenheim). American heard would be KHJ. He comes in here at fair strength.—DX20C (Oamaru).

"Audio" (Blenheim):—55. JOIK, Sapporo; 58. JOGK, Kamamoto; 63.3. JOIK, Cendai. "Tiny" (P.N.): 61N. "The Breath of America." is from a record broadcast recently from 2CA, Canberra. H.M. (Dunedin). JOAK, Tokio, twin station used for educational purposes, with occasional music. Other station was HSPI, Radio Bangkok. "Southlander" (Invercargill). WBOQ, New York, were broadcasting on August 15, and were particularly good on the 31st. 2BL came on on both occasions, and blatted him out. Station on 870 kc. is WENR, other 4GR, Toowoomba. WTC (Heathcote Valley), KVOO, Tulsa, Oklahoma. Organ, request hour till 7 p.m. N.Z.T., Friday and Sunday. JPC (P.N.).

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DX Topics

Radio Bangkok.

FOLLOWING is an extract taken from a recent verification from Radio Bangkok.—S.W. (Gishorne):—

"You must have heard our medium-wave station HSP (Radio Bangkok, at Phayathai), which is working daily on 350 m. (855 k.c.), power 2.5 k.w., except on Mondays from 12.30 to 15.30 G.M.T. We also have a shortwave station, HSP2 (also Radio Bangkok). This station is now undergoing a series of tests on 41 metres, power 2.5 k.w., every Monday from 13.00 to 16.00 G.M.T. Both these stations may be easily recognised by the distinctive 'note call' in the form of a chime of six notes up and down the scale of a gong at various intervals during the programme.—Yours, etc., Luang Jamm Kolakarn, Manager, Broadcasting Service, Bangkok."

SSH on a New Wavelength.

ON August 31 I received SSH quite strongly on approx. 1085 k.c. (270 m.). He has apparently shifted considerably from his old frequency. On August 29 I heard 4ZW, Dunedin, for the first time. He was coming in strongly at a full R9, much stronger than 4YA, though perhaps not quite so clear. Who operates this station? On the 31st JOAK, on his 590 k.c. (508m.) frequency, came in very strongly between 7ZL and 3AR. Volume as compared with that when he was operating on his 870 k.c. (345m.) frequency was practically double. He was a steady R8, and once or twice even R8.—DX3TW (Wellington).

A Seldom-heard American.

ON August 16 I logged KSOO on approx. 272m. (1100 k.c.). Announcer stated that the broadcast was only a weekly one. Station closed at 5.40 p.m. In the 1930 "Radio Guide" this station is reported as not being heard in New Zealand. Is this an easy station to log?—L.E.H. (Waikato).

[Power is 2 k.w., so it should not be very difficult to log. Address: Sioux Falls Broadcasting Association, Inc., Sioux Falls, South Dakota. Frequency, 1110 k.c. (270 m.).—Ed.]

Recent Loggings.

ON August 27, American, Japanese, and Australian stations were all coming through with excellent volume. KGU, Honolulu, on 940 k.c. (319 m.), came through at R6 at 7.30 p.m., while JOGH and JOIK were at R6 at 9.30 p.m. Does an DXer know the schedule of 4MK and 3SH? I have been unable to log these. Latest verification from WOAI, San Antonio, Texas, on 1190 k.c. (252 m.) states that their new 50 k.w. transmitter is located 18 miles north of San Antonio at Selma, Texas.—P.K.B. (Oamaru).

In Defence of 3ZR.

DX36A (Otorohanga): I wrote 3ZR, Greymouth, a short time ago and he forwarded me a card within a week. Your letter must have been mislaid.—"Kohi" (Auckland).

GBR Schedule.

"PILOT" (Kakahi): The only information I have about the schedule of GBR is that British Official Press is transmitted from 0100 G.M.T. (12.30 p.m. New Zealand Standard Time). Station location is Rugby, England. Station KUP transmits news from the San Francisco "Examiner" from 8.30 to 9.30 p.m., concluding with the day's baseball results. Stock Exchange information is transmitted at the conclusion of the News Session. I would like to hear from "Pilot" if he cares to write. My address is: 75 Wilson Street, Hawera.—Arthur Stevens (ZL2HR).

Another European.

I HAVE at last succeeded in procuring enough data to write for verification from the German station on 1085 k.c.

(276 m.), power 75 k.w. I first logged him about six months ago when on speech, and identified him as German. Last week I heard him faintly on quite a few mornings between 6.30 and 7 a.m. At 6.40 a.m. on August 20 I recognised two records. At 6.30 a.m. on August 27 he came in clearly at R6, on a band programme. I held him until almost 7.30, when he faded gradually away. One sentence used between the items was: "Un der lieber heussen."

Japanese Stations

Location.	Call.	K.W.	Kc.	Metres
Tokio	JOAK	10	870	345
Tokio	JOAK	10	590	508
Hiroshima	JOJK	10	850	353
Sapporo				
Hokkaido	JOIK	10	880	361
Nagoya	JOCK	10	810	370
Kumamoto				
Kiushu	JOJK	10	790	380
Sendai	JOHK	10	770	390
Osaka	JOBK	10	750	400
Kanazawa	JOJK	3	710	422
Okayama	JOJK	0.5	700	428
Fukuoka	JOJK	0.5	680	428
Shizuoka	JOJK	0.5	772	386
Nagano	JOJK	0.5	635	472
Kioto	JOOK	0.3	625	478
Taihouku				
Formosa	JFAK	10	900	333
Dairen				
Kwantung	JOAK	0.5	760	395
Keijo				
Korea	JODK	1	690	435

Station JOAK is on twinwave transmission. The 590 k.c. frequency is used for experimental purposes. All stations except the last three are chain stations, and of these JOIK, JOJK, and JOJK are connected by wireless links with the rest. The others are connected by land lines.

Other early morning stations are heard faintly on 680 k.c. (441m.): 984 k.c. (304 m.); and 1125 k.c. (266 m.), between 6 and 7 a.m.—R.L.W. (Nelson).

[We hope your digging operations are a success. Your log is fair.—Ed.]

DX Jottings.

ON August 26 I heard 3ZE, Greymouth, at R7. On the 17th I heard 3SH say that 3KU was dismantled, and would not be on the air again. 3SH is not going to advertise. On its opening night it was connected up with 3BA and 3WR. On the 17th, 2XL called up the four main cities and asked for reports. Who is the European on 734 k.c. (407 m.)? I had him on August 27 at R3. Does JOJK relay JFAK, because on the former's frequency I have heard the latter announcing two nights running? He announces "JFAK" twice, and closes down at 1.30 a.m. JOJK closes down at 12.30 a.m. He comes in on 775 k.c. (387 m.). On September 30, 4ZL, Dunedin, was heard testing. He has been off the air since October, 1930. He remarked that he was using 25 watts and working on 1220 k.c. (246 m.), but that his full power when properly on the air would be 250 watts. Slogan is, "The Voice of Radio Service." 4ZW, Dunedin, is now working on 500 watts. Has anyone heard 3RG, Castle-mains? I heard him recently, but not loudly enough to send for a report. I have heard WBOQ testing lately at R6. On August 31 I heard 2XL call up many New Zealanders. He remarked that he envied our DX notepaper and club—"Logan Park" (Dunedin).

[DX notes intended for inclusion in the following week's issue should reach our offices by Saturday.—Ed.]

Some Pointers on Earths.

CONDITIONS in this locality have been excellent of late for DX-ing, although "Old Man Static" has made himself heard this week. Recent loggings include 3SH, Swan Hill, 7LA, Launceston, and KGIR, Butte Montana. Much has been written of late in these pages regarding different types of earth. My advice to the DX-er who takes his hobby seriously, is to experiment until he ultimately finds the earth most suitable for his locality. I have personally tried 30 different types of earth, from a 6ft. pipe

to a roll of wire-netting, and I find for the locality I am in (a light punice country), that four kerosene tins with copper wire wrapped round each one, and a wire lead soldered on an old car radiator, has made a perfect earth. I may mention that during the Great War the wireless corps in Egypt frequently used a roll of netting for an earth. It was merely spread along the ground and sand or soil thrown on it.—DX10A (Waitoa).

[It is rather late to adopt the scheme you suggest, as we already have quite a number of reports.—Ed.]

4ZR's Schedule.

THE following are particulars of 4ZR, Balclutha.—Address, Morrison Radio Gramophone and Record Supplies, Clyde Street, Balclutha. Frequency, 1340 k.c. (224 m.). Schedule: Thursday, 8-10 p.m.; Sundays, 10 a.m.-12 noon. Power, 6 watts. On August 15 WBOQ on 860 k.c. (349 m.) was heard at R7-8.—"Logan Park" (Dunedin).

[2XL, Broken Hill, was reported in last week's issue by several members. Letters posted to reach our offices not later than Saturday will arrive in time for inclusion in the following issue. Unfortunately we have no room for your list of main Australian stations and relative strengths of reception. Could you let us have a similar one in the near future?—Ed.]

Reception in Timaru.

WE DX-ers in Timaru have not had a very good winter as regards reception. Static has been more troublesome than in the summer. In contrast to Tara-naki, we have been experiencing a kind of drought, and would welcome a good week's rain to clear the atmosphere. Still since Christmas I have logged and verified 77 American and 20 Australian stations. To those inquiring re verification from 4BO and 4BK, I have verifications from both these stations at first writing. In fact the only station which has never answered my letter is 4ZP, Invercargill.

To create a little interest for DX-ers between the cup periods, how about a few friendly challenges between DX Club members? I have been logging only a few months, and have not a huge log, but it would create a little interest between club members. It would also be a means of getting to know one another, if not personally, by correspondence. If any member wishes to challenge another member he could do so through the notes, giving his address, and the challenged member could make out a list of verifications on hand and send same to challenger and vice versa. Naturally with my very meagre log I would not issue a challenge to Mr. Stafford or Mr. Ellis, but if challenged, for the spirit of the thing would readily accept. What do members think?—DX100 (Timaru).

Reception of the Australian "Bs."

LATEST loggings are as follow:—KUOA, Fayetteville, Arkansas, 1390 kc. (a fraction above 3GL), heard at 6 p.m. on the 13th. Quite a number of the lower powered Australians were on the air early on the morning of the 17th. 3SH, Swanhill, on 4ZO's frequency, 1080 kc. (278 m.), was still going strong at 2.40 a.m., working 5WS, Adelaide. They mentioned having received 200 reports during the week, one of which came from New Zealand. 2CA, Canberra, was testing earlier on 285 m. (1050 kc.). 2WL, Wollongong, half a degree below 3GL, were heard on about 1430 kc. (210 m.), closing down at 10.30 p.m. 3RU was heard testing on about 200 metres (1500 kc.). Has any other DX-er heard this station? Another Australian whose call is either 3BI or 3DI was testing on about 251 metres (1195 kc.) until 2.10 a.m. on the 17th. At 2.21 a.m. the same morning another Australian, "5W—", was heard closing down. He was just under 3WR. Possibly 5WS, Adelaide.—DX15W (Shannon).

Recent Loggings.

LATEST loggings include 9ZH Napier, 4RK Rockhampton, 3ZE Greymouth, WKY, Oklahoma City, and WHAS Louisville.

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W56R.

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ville, Kentucky, on 366m. (820 k.c.). I recently received a certification and two stamps from KMOX, Hotel Mayfair, St. Louis, operating on 275m. (1090 k.c.).—W.L. (Oamaru).

Another European Verification.

RECENT verifications have been received from KYA, KZRM, WRR, 3TR, and a somewhat belated acknowledgement from the Bratislava station in Czechoslovakia, which I wrote to during February last. The actual verification serves a two-fold purpose, in that it also verifies a transmission picked up from a sister station operating simultaneously on a higher wavelength. The letter reads as follows:—

"We received your letter of February 27, and thank you very much for your interest. Please do excuse our answering only to-day, but we were almost overwhelmed with verification letters, and it was impossible to answer them all at once. There is no doubt that you heard our station of Bratislava, and we feel very glad that it is heard so far in the world. Bratislava is a branch-establishment of Paraha, and is working on 278.8 metres (1076 kilocycles), and has a power of 18 kw.

The other station you picked up is also a branch establishment of ours, Brno, which is going on 341.7 metres (878 kcs), with a power of 28 kw. Enclosed we are sending you the wanted list of more powerful European stations, and wishing you a good receiving further on. We remain,

Yours, etc.,
Radio Journal,
D. DOBRIAR."

I am forwarding the list of stations mentioned in the hope that it may prove useful to DXers.—D.T.H. (Timaru). [This list appears in a panel on this page.—Ed.]

Frequencies of the Mexicans.

IN addresses column in "Radio Record" issue, August 28, I note 3RU given as R. A. Durant, 6 Trumper Street, Camberwell, Vic. I have a verification of very recent date giving station as 3RU, G. F. Palmer, 8 Yerrin Street, Balwyn, Vic. Can anyone explain this? Two new relay stations will shortly be testing in Australia—2CO, Corowa, 560 k.c. (536 metres), and 5CK, Port Pirie, on 635 k.c. (472 metres). Touching on the Mexican station question. A paragraph from a recently received American magazine states that the Federal Radio Commission is in a quandary as to what to do about the wandering propensities of the Mexican station, as they seem to do as they like. This will account for XEW being received on 910 k.c. (330 m.). The early morning stations are coming in well now, except for static. Bratislava was at wonderful strength on the 3rd at 5.30 a.m. Bucharest was fairly good, and on the 1st at 5.55 on 865 k.c. (347 m.) a station I should say was Strasbourg P.T.T. was quite readable.—J.P.G. (Palmerston North).

A Hard Battle.

BETWEEN 1.30 a.m. and 2.15 a.m. on August 30 Manila and Bangkok were coming in at good strength. The former relayed a boxing match in which one of the contestants had one eye completely closed, the other blackened and

his mouth and nose both bleeding. The announcer seemed upset. No wonder!—DX670C (Dunedin).

The Moon's Influence on Reception.

WHILE listening-in to VK2ME, Sydney, 200m. (1500kc.), at 6.30 on August 31, talking with VJMS (S.S.

Faraday Centenary

On the evening of September 4 a Faraday centenary celebration was arranged by the Wellington branch of the New Zealand Society of Civil Engineers and the Institute of Electrical Engineers, in co-operation with the Victoria University College authorities and the Post and Telegraph Department. Following lectures on Faraday and his work by several prominent authorities, a public demonstration of electrical developments was made at Victoria College. Unfortunately heavy pressure on space has precluded the publication of an account of the proceedings until next week.

"Broadway". I heard him state that in future his call would be VKO, instead of VK2ME, though he did not give any reason for the change. On September 1, at 7.40 p.m., while listening to the news items from 2YA, orchestral music could be plainly heard, but there was no heterodyne whistle present, thus making it appear that the music was coming from one of the 2YA studios. During the past week conditions have not been very favourable for DX-ing here, though KDYL and KOA have excelled themselves, while the New York station, WABC, on 860kc. (349m.), has been coming in with great volume.

On checking back through my diary I notice that distant reception has not been as good while the moon is near its full, as it is during the periods of new moon. I also notice that the last quarter seems to be the best part of the month. During the full moon period static has been worse than at any other. I have arrived at this by striking an average over the last nine months. It would be interesting to know how other members have found reception in relation to the moon. I notice in recent DX notes that some members have logged XEW, Mexico City on 910kc. (830m.); yet according to the latest list of foreign stations issued by the Department of Commerce in Washington, D.C., XEW is listed at 780kc. (834m.) and on August 9 last I listened to station XEG, Mexico City, operating on 910kc. (830m.), from 6.10 till 6.45 p.m., and I am quite certain that the call was XEG.—DX1T (New Plymouth).

DX Notes.

RE DX badges. I have recently been in Palmerston North, Wanganui and Masterton and have so far seen only one badge. Re verification cards. I received one from 2ZJ, Gisborne, recently. I had written twice and just about given up hope. I am still waiting for one from 4BC, Brisbane, although I enclosed a stamped envelope with report on August 7. Latest verifications received include KNX, Hollywood; KELW, Burbank; KOA, Denver; THO, Hobart; 2ZD, Masterton (daylight).—DX9W (Feilding).

KDB on 100 Watts Logged.

RECENT loggings are WBOQ, New York, 860 k.c. (349 m.); WBAP, Fort Worth, Texas, 800 k.c. (375 m.); 2KO, Newcastle, 1410 k.c. (213 m.); and KDB, a 100-watter in Santa Barbara, Calif. When "Seven Kicker" (Okoroire Springs) said that his call was hard to get he was perfectly right. I succeeded on August 29, but only after six weeks' listening. I have received a small slip of paper verifying my recep-

tion of WGN, Chicago. They also returned my letter. J.C.: WBN does not always close down at 5.30 p.m. I have heard him at 6.45 p.m. A few weeks ago I complained about 3BY, Melbourne, not replying to my report. He must have seen it, because I recently received a verification from him. Particulars of VK3BY are: Wavelength, 249.9 m. (1200 k.c.); power, 50 watts; address, 27 Bamra Road, Caulfield, S.E.F. After four months 2ZJ, Gisborne, also verified. Has any DX'er ever received verifications from the following VK's: 3LA, Taraumea; 3LR, Melbourne; 3KR, Lake Perra; or 3GK, Caulfield? These were heard last winter.—N. Jenkins (Master-ton).

Reports Wanted by KZRM.

HAS any DX'er heard JOAK heterodyning 1YA? On August 31 a station was heterodyning and during a lull in the wrestling relay I distinctly heard JOAK's announcer. This is the only occasion I have noticed it. On August 30 KZRM called New Zealand listeners when closing down and stated he would be pleased to receive reports. DX-ers can generally rely on hearing a good fight from here on Sunday mornings. Re Japanese station heterodyning 4QG. On August 30 I waited until 4QG closed down, when the Jap came in strongly. When closing at 12.30 a.m. call was very distinct as JOBK, Osaka. Latest American loggings include KJR, KELW, KGU (Honolulu), KTAB and KFWB. The latter was very loud until 2GB came on the air, although power is only 1 k.w. Would "J.P.C." (P.N.) be kind enough to forward for publication a list of Aussie VK's?—"Hydro" (Napier).

4ZL on the Air Again.

4ZL, Dunedin, can now be heard testing on his old frequency. He was heard again on 2/9/31, at 11.30 p.m., when the announcer mentioned that they were using 50 watts, one-fifth of their normal power. On 26/8/31 WENR was heard on jazz and organ items at 10.45 p.m. WLW was heard at 10.25 p.m. on September 1, on a test programme. Some DXers have mentioned how slow 4ZP, Invercargill is in replying to reports. I wrote on July 29, enclosing a stamp, and had a card returned on the 31st of the same month.—DX200 (Oamaru).

3ZE, Greymouth.

PARTICULARS of 3ZE, Greymouth, as follows:—Address, Schaeff's Garage, Mackay Street, Greymouth. Schedule: Week days, 8 p.m. till 10 p.m.; Fridays, 12 till 2 p.m. Wavelength, 366 metres (820kcs.). Power, 50 watts. Information of KNX as follows: Studios and offices, 5555 Marathon Boulevard, Hollywood, California. 285 metres (1050 kcs.); 5kw. New scalps include: 3TR, 3ZE, WABC, KFBL, WLW, KMBC, and WBZ. Through the DX columns would like to thank Mr. Ellis, of Okato, for the very fine list of stations.—"Bob" (Wellington).

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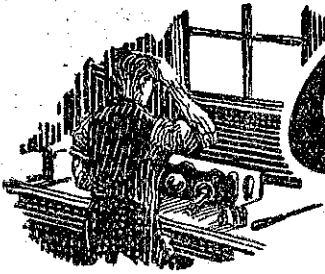
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Questions and Answers



CRANK (Picton): I wish to purchase a set of new valves for my 5-valve battery set. Can you suggest a better combination than 201A.

A.: Yes. Use 221 throughout with the exception of the last stage, and here use one of the B605 class. If you do not have a 6-volt eliminator and have to rely on dry battery you can use the 230 class of valve, with 231 in the last stage.

COUNTERPOISE (Feilding): What is the most suitable valve for the Sparrow Hawk One?

A.: One of the special detector class, that is, the A415, P.M. 4DX class.

2. In using the Sparrow Hawk One as an all-wave set, what is the most suitable length for the combined aerial and earth?—100 feet.

3. Could a switch on the panel be used in place of the metal shorting bar for switching the small condenser in series with the aerial for shortwave work?—Yes.

G. B. BOY (Dunedin): We regret we do not know anything about the set in question. It has a good name in the States, but has not been brought to New Zealand commercially. If you brought such a receiver over on your own account you may have some difficulty with the servicing, although probably the circuit is very little different from any other super-heterodyne. If you purchase one of the better-known makes of super het. the service agencies connected with the distributing firms would always be ready to help you. The set certainly carries a good guarantee, but what use would that be to anyone in this part of the world?

RADIO (Wellington): Which is the best set for receiving distant sta-

tions, super-heterodyne or the ordinary receiving set?

A.: The super-heterodyne receiver is the more sensitive, although, being more sensitive, it picks up more noise than does the ordinary set.

THE attention of correspondents is drawn to the fact that a coupon taken from the "Radio Record" must accompany every inquiry. The non-appearance of the coupon in any one week's issue cannot be taken as a reason for its not being sent. Those who wish not to destroy their paper can, however, transcribe the essential points. Furthermore, we must remind correspondents that queries (limited to three) cannot be answered by post unless accompanied by 1/- fee; also no more than three queries can be answered in the "Record" without 1/- fee.

As the volume of queries is tending to increase, we ask correspondents to be as brief as possible. At the present time we have a long waiting list, and are anxious to get this up to date, but there is only a limited space for this department.

2. Is 7/20 enamelled wire better as an aerial than 7/22?

A.: Theoretically, yes, although there would be very little difference in efficiency; rather too small to be noticeable. If you have an aerial with 7/22, do not pull it down to construct one of 7/20.

3. Which would be the best for a lead-in tube, a porcelain or strong glass tube?

A.: There is no appreciable difference.

C. G. (Auckland): Can you account for the fact that when the third pin connection in my set with the mains is disconnected, as well as my ordinary earth, I can receive KFI, Los Angeles?

A.: Your set is still earthing through the mains. Actually, the third pin on the wall does not connect with the set proper, only with the shielding. The transformer is connected only with the two live pins, of which one is earth, so you are still getting the earth return.

TROUBLED (Auckland): When turning the condenser dial 1YA comes in at 35; a little higher, the station will come in again. The set does this on any strong station.

A.: Some of the earlier type of a.c. super-heterodynes have this fault. It is not serious, although very annoying. It has been overcome in the new sets by the employment of a slightly different circuit which use multi-mu valves.

2. Every time a deep note is sounded there is a terrible rattle in the speaker.

A.: This is due to a resonant peak in your speaker. If it was evident from the onset it is unlikely that it can be cleared up easily. Your best plan would be to consult the agent who sold you the set. As you are not using a well-known make it is impossible for us to tell you whether this has occurred to other receivers of the same make.

3. Does it harm an a.c. set to run it without an earth.

A.: No, it is quite in order to do this, as many electric sets obtain their earth return through the mains.

I. U. D. (Auckland): Can I add more valves to my 8-valve set?

A.: We do not advise you to try, for your set has been designed by a very capable engineer and you would not gain by adding to it.

2. Would I improve my set by using another type of valve?

A.: No; your set has been designed for the valves that are in it. Do not alter them.

YOUNG EAGLE (Gore): I wish to build a shortwave adapter for my 7-valve super-heterodyne receiver. Could you supply the details?

A.: A super-heterodyne a.c. adapter was described in the 1931 "Guide." It should be attached to the first intermediate frequency stage.

P. P. (Nelson): What is the size of aluminium and lead plates for a 1000 m.f.d. electrolytic condenser?

A.: We regret we cannot supply this information. If we did we should be

falling foul of the Fire Underwriters' Association, as we are not permitted to give instructions for making apparatus of this description.

KAINGA O TIA (New Plymouth): My set squeals very easily and goes into oscillation rather too readily. I am using an eliminator and have tried altering the detector tapping, but without good results. Speech and music are mushy.

A.: Try the effect of a 2 mfd. condenser between the B+ and earth. Further, you should not use PM2 throughout, as it is a medium power valve and should be used only in the last stage. Such valves are sometimes good detectors. If the use of different valves and the 2 mfd. by-pass condenser is not effective you will have to locate the tickler coil and take a few turns off it. You certainly have a good list of stations, and it appears that your set is well up to standard. Your aerial system is quite good. We have seen very many inferior.

NIGHTHAWK (Temuka): Although I had wonderful results with "Sparrow Hawk One" I am disappointed with the

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

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

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

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

"All About the All-Electric," 1/8.

"How to Electrify Your Radio Set" (U.S.A.), 1/8.

"Principles of Radio," by Henney, 22/6.

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

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

"Mathematics of Radio," by Rider, 11/8.

"Broadcast Reception" (Theory and Practical), by Pritchard, 11/8.

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

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

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

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results when I added a further valve. Short-wave coils will not now oscillate.

A.: Are you quite certain that in re-winding your set you did not get the tickler connections reversed? If this is not the cause then we should imagine that the impedance of your transformer, which is most suitable for a detector valve of high impedance, is not suitable for the valve you are using. Consequently you cannot get it to oscillate on short-wave. Try the effect of a .0001 condenser across the primary.

2. Are the valves likely to be damaged when the detector alone or with a stage of radio frequency is used without grid bias and 90 volts on the plate?—No.

K.O.P. (Carterton): I am considering changing my three-stage r.c.c. amplifier to a two-stage r.c. and one-stage push-pull. What are the approximate of B+ and C- voltages required on the centre taps of the output and input push-pull transformers where two 608's are to be used?

A.: Use the highest B voltage you have available. If you can get 180 volts, so much to the good. If you are relying on batteries use at least 135. Try the double biasing idea; that is, by connecting to the centre tap of the secondaries 60 instead of 30 volts grid bias, i.e., you use 135 volts plate.

2. Instructions with my speaker state that where a single output valve is used a 1 to 1 transformer is to be employed, but where push-pull is used the centre tap of a speaker can be used, and the transformer done away with. Why should the current be passed through the speaker in the case of the push-pull valves and not in the case of the single valve?

A.: The only explanation we can offer is that where push-pull is intended the manufacturer had in mind the double biasing system, whereby a very small current only is passed through the speaker winding.

3. Would the fitting of an A630 valve to replace an A609 in R.F. of Browning Drake make any appreciable improvement?

A.: Fitting an A630 as R.F. is rather uncertain. You must wind a far greater number of turns upon the primary coil, but even then our experience has been that 609 is the safer valve for the first stage—615 if you like.

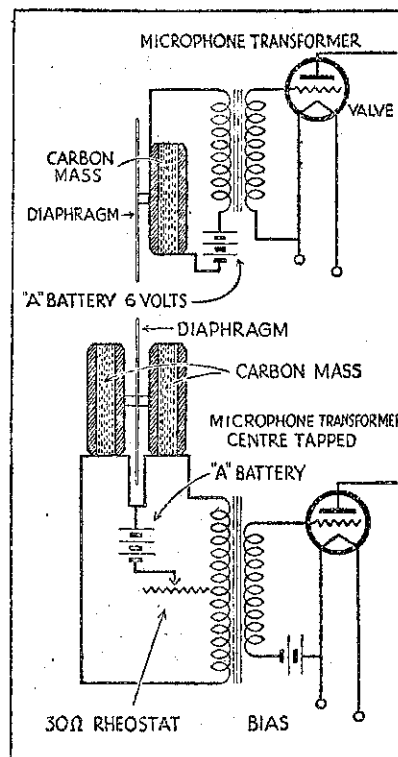
DX9MC (Christchurch): Will the diagram of the S.G. amplifier shown be practicable?

A.: Yes, but we think you will not get the results you are expecting. In the first place you are really constructing a booster, and this is not a satisfactory way of adding a screen-grid valve. If you wish to get power, why not pull your set down and use the parts to construct the "Outspan Five," recently described in the "Radio Record"? If you did not want to go to this trouble leave the detector and two audio stages of your set, but alter the existing aerial and grid coil of the first R.F. valve. Make the aerial coil entirely separate, and this then can be used for the primary of the intended first stage. The connections then would be as shown in the "Outspan Five." Look up the circuit of this set and you will see what is meant. Another good hook-up for a screen-grid valve was shown in last week's Questions and Answers.

CURIEUX (Napier): Thank you for sending along that circuit; we shall certainly try it in the laboratory when we get a chance. Some types of crystals will go better with a low potential applied to

them, but it is unusual for a semi-variable type to act in that manner. However, we shall try out the circuit and publish the result. Thank you.

DX30HB (Taradale): I have connected the microphones to my set by placing it in series with the pick-up. It did not work well like this, so I put battery in series with the microphone. Now it works fairly satisfactorily. Am I harming



ing my set through having the battery there?

A.: As far as we can see, no, but you should use the correct microphone circuit, which we publish herewith. You will note that a special microphone transformer has to be employed. One of these would not be very expensive, and to use it would be the safer method. You can connect the secondary of the microphone transformer to your set.

DEEKSE (Hamilton): I have a 5-valve commercial neodyne which I wish to convert to the "Radiogram Five." Would it make much difference if I used .0004 condensers and 3-inch formers?—No.

2. What would be the number of turns and the size of the wire using 3-inch formers with .0003 condensers?

A.: 52 turns of 24 enamelled or double silk wire.

3. What type of valves do you suggest?

A.: If you have to use batteries we should certainly use the new 2-volt type, 230, 231, and 232. Otherwise use 4 or 6-volt screen-grid valves, special detector, general-purpose first audio, and two 605 type of valve in the last stage.

4. What would be the B+ tapings—B1, B2, B3, etc.?

A.: B1 detector voltage, usually 22½ volts, B3 the second highest tapping if eliminator is supplied and highest if battery is supplied; B4 also the highest if

eliminator or battery is supplied; B2 is half of B3.

5. You could certainly use the short-wave choke mentioned instead of the one suggested.

6. Could I adapt a gramophone pick-up to a commercial super heterodyne?

A.: It could be done, but it is not the task for an amateur. You would take the risk of throwing the condensers out of alignment.

B.C. (Waitara):—I am considering building the "Sparrow Hawk Differential Adapter." Is it suitable for my set?—Yes.

2. Is there any particular size or power of the H.F. choke?

A.: No. You could either have them commercially made or build them. Specifications appeared in the 1930 "Radio Guide" and also in the "Radio Record" three or four months ago.

3. Which is the detector value in my circuit?

A.: We do not know the layout of your circuit, but the best plan would be to get someone who knows something about radio to tell you. You can usually tell by tapping the glass. The detector will cause a ring in the speaker.

RAW RECRUIT (Lower Hutt):—I am using a crystal set for a wave trap. Must I take the crystal out of the circuit?

A.: Not necessarily; you are not doing any harm by leaving it in.

2. I can pick up the local station on two wave lengths. Is this in order?

A.: Yes—the lower reading represents the harmonic.

TOM (Otahuhu): I recently bought a new B and C Eliminator and find that on various occasions the volume in relation to the aerial is not consistent.

A.: We simply cannot explain the phenomenal unless your eliminator is coupling back through the mains and using the high tension wires of the aerial.

2. I am putting 135 volts on the last stage, B406, but the valve warms. Am I injuring it?

A.: No, providing you have sufficient grid bias—i.e., 12 volts.

3. Is it necessary to install a separate earth for the eliminator?

A.: Theoretically you should have a separate earth, but generally the ordinary earth is quite satisfactory.

FOR SALE OR EXCHANGE

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

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SUPER-HET. (Christchurch).—I have just been trying out a super-heterodyne receiver, and find I can get the two local stations at several points on the dial. Why is this?

A.: This is due to cross modulation and shock oscillation (we are calling it that for the want of a better name), features which showed themselves in the earlier super-heterodyne receivers. Your set should not have either of these faults. If you are buying a new receiver specify multi-mu valves, which will, to a large extent, do away with the complaint.

NORTHERN PATROL (Dunedin).—Will a 50-watt transformer be suitable for a transmitter using two 245 valves in push-pull with 350 volts on the plate?

A.: If you intend to use only the two 245 from this transformer it will be quite satisfactory.

2. I have two condensers with 28 plates, and I want to reduce to .0005 and .00035 capacity. How many plates would I need to take off?

A.: The present value of the condenser is .0005; to reduce to .00035 take off your moving four fixed plates.

3. Would choke G in table D, "Radio Guide," be suitable with a 50-watt transformer?

A.: It would be quite satisfactory, but if you are going in for transmitting, why not build the heavier one, as before long you will no doubt increase your power?

J.C. (Dunedin): What metal rods are used in Balkite charger?

A.: Lead and Tantalum.

2. I have a four-valve set. Can I add another valve as shown in the accompanying sketch?

A.: You would gain nothing if you did. You are merely connecting the two output valves in parallel. This method would give you a slightly greater undistorted output, but would not amplify your signals to any greater extent.

HAMISH (Christchurch): I constructed the S.W. battery set described in the 1930 "Radio Guide," and have had good results, with the exception of a tendency to over-oscillate. I tried a differential condenser instead of the resistance control, but failed to get oscillation of any description. Should I have altered the set in any way?

A.: You should have tried the plate lead to the other set of fixed vanes in the differential condenser, bringing the connection from the tickler to the lower set of vanes. Apart from this, however, it is probable that there are insufficient turns on the coils now that you have installed a differential reaction, which system needs a far greater number of turns than does the ordinary condenser controlled type.

W.A.O. (Christchurch): You could obtain armoured flex probably from L. B. Scott and Co. or A. E. Strange, of your town. Failing either of these two people Ballingers, Fears or C.A.S. in Wellington, and Johns in Auckland.

NOISE (Christchurch): Would I derive any advantage from putting 2 "A" batteries in parallel?

A.: If they were dry cells you would find that they would last longer than two sets of batteries used one after the other.

2. Would it be worth while my building a full-wave crystal set?

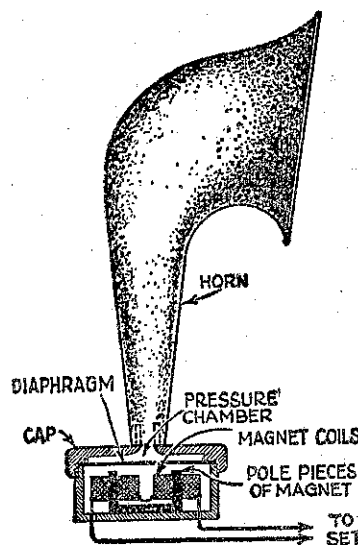
A.: It is purely an experimental set. You might get good results and you might not.

3. Are there any 1929 "Guides" to be had?

A.: Yes. There are still a few.

NEOPHONE (Wellington): I constructed the Loftin-White amplifier, but it is insensitive. The hum control has no effect and I had to short out the 775 ohm resistance to get any results.

A.: There is something wrong with some of your resistances, probably in the bias chain or the 775 ohm one. Have them checked over and also check over for any short circuits. Are you quite certain that one of your condensers is not wired in the wrong position? If this were so you would notice the symptoms about which you complain.



A Horn Speaker.

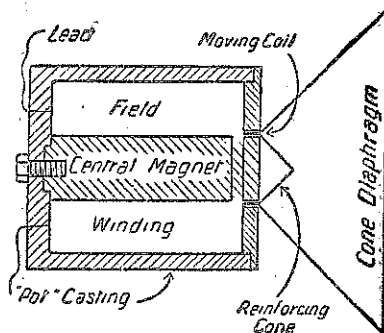
A good cone speaker can be obtained for a very reasonable sum nowadays, so it is quite unwise to buy a horn. A little while ago it was thought that the horn speakers were far more sensitive than the cone, but this is not so. A good cone will give better quality with volume equal to that of its predecessors. When selecting a cone speaker, listen for the low as well as the high notes. Do not expect to get the quality your neighbour does from a £50 set, because in that set a moving coil loudspeaker is used. However, a good cone speaker should reproduce a wide range of notes and should be very sensitive.

It might be as well to test for the bass by playing an organ solo.

If you have electric light the speaker may derive its current direct from the mains. The six-volt type, which can be energised from the battery, has quite gone out of date. For those who do not have the electricity an inductor dynamic speaker will prove to be the best bargain. These do not require any field current, and consequently will not impose a drain upon a battery. A dynamic speaker of the six-volt type takes quite an appreciable amount of current from your accumulator, and you will find that it will need recharging fairly often. As a practical proposition the condenser speaker is not worth worrying about.

We have now gone through most of the items that one encounters when examining the circuit of a radio set. In our next instalment we hope to show how a circuit is built up. We hope before this series is concluded to point out the salient features of a good set as set down in the theoretical diagram.

It is hoped to republish this series, together with typical questions and



A Moving Coil Speaker.

answers, in a booklet to be known as "Questions and Answers in Radio."

If, before we conclude this series, anyone wishes any further points made clear, would they write to the Technical Editor, Box 1032, Wellington.

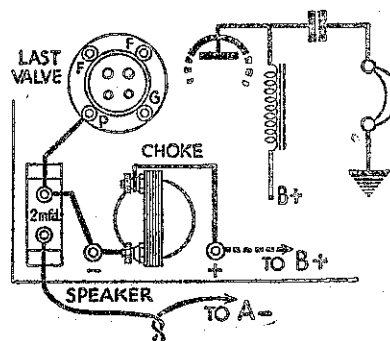
Diagnosis of Radio

(Continued from page 9.)

it; it moves backward and forward. It can deliver a great deal more volume than could the cone and, furthermore, it can reproduce a wider range of sound.

(4) The inductor dynamic. This resembles the cone speaker, but the armature is balanced so that it will not strike the pole pieces when called upon to handle great volume. It moves parallel to them. This speaker has a very good response and can handle almost as much volume as the moving coil.

One other type remains, and that is the condenser speaker, which relies upon the attraction and the repulsion of two plates. This type of speaker has not become very popular, although it has a good frequency response and can take a large amount of current without distorting or rattling.



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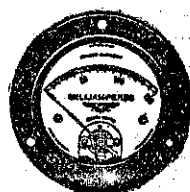
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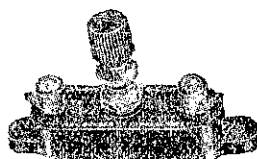
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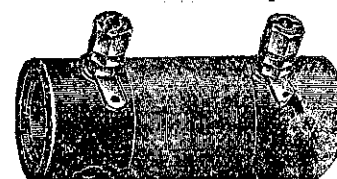
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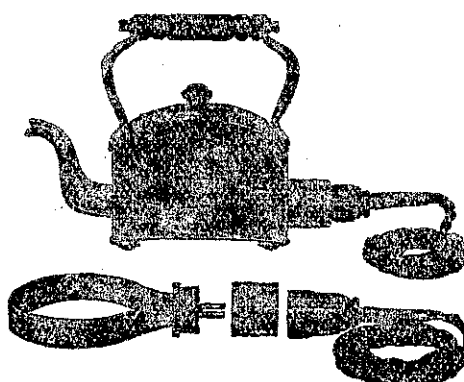
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tion, "Il Trovatore."

—The Royal Military Band.
181—Colonel Bogey March;
Honeymoon March.

—The Royal Military Band.
144—Intermezzo "Cavalleria Rus-
ticana." Barcarolle, "Tales of
Hoffman."—The Casino Or-
chestra.

132—La Paloma; Tesora Mio
Waltz. —Sterno String Orch.

117—Casabianca (one-step);
Laughing Marionette (fox-trot)

—Barry Bryan & Syncopators.
142—Shinaniki Da (one-step);
Dancing Shadows.

—Barry Bryan & Syncopators.
152—Dada, Dada (one-step);

*The Heart of the Sunset (fox-
trot). —The Rhythmics

262—*Too Wonderful For
Words; *Stepping Along (fox-
trot). —Bert Maddison and his
Orchestra.

510—Morning, Noon and Night
Overture, Part 1; Morning,
Noon and Night Overture, Part

2. —Kneller Hall Band.
518—Old Time Melodies Part 1;
Old Time Melodies, Part 2.

—Bert Maddison & his Orch.
471—*Stein Song; Blood Red
Roses.

—Bernie Blake & his Orchestra.
Records * have Vocal Refrain.

VOCAL.

174—Mate-o-Mine; Parted.
—Raymond Elliott (baritone).

373—A Brown Bird Singing; I
Think of You, My Sweet.

—Miss Megan Thomas (soprano)
123—Sonny Boy; Sweet Ukulele

Maid (Campbell and Connelly).
—George Foster (baritone).

244—The Lily of Laguna; I May
Be Crazy.

—Leslie Jerome (baritone).



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FEATURE PEEPS

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FUTURE PROGRAMMES

SUNDAY

Notes from 1YA

THE afternoon session will include the relay of portion of the organ recital by the Auckland city organist, Mr. Maughan Barnett. The service in St. David's Presbyterian Church will be broadcast at 7 p.m., and this will be followed by a studio concert to be given by the Municipal Band under the conductorship of George Buckley. A splendid programme has been arranged, including the symphonic poem, "Phaeton," by Greenwood.

Items from Wellington

THE service to be held in the Trinity Methodist Church, Wellington South, will be relayed, the preacher being the Rev. T. W. Vealie, the organist, Miss Lillian Thawley, L.A.B., and the choirmaster, Mr. W. McLellan. At 8.15 p.m. a concert by the Tramways Band, under the conductorship of E. Franklin, will be relayed from St. James Theatre.

3YA Programme

THE Rev. L. A. North will be the preacher at Oxford Terrace Baptist Church on Sunday evening, when the service will be broadcast. Mr. Vic. Peters will conduct the choir, while Mr. Melville Lawry will be at the organ. The after-church studio programme will be provided by well-known Christchurch artists, including Francis Hamerton, who will sing the famous "Bell Song" from the opera "Lakme." This will be the first time this song has been sung at 3YA.

Gladys Vincent, violinist, will contribute three solos. R. Ohlson will play "The Post in the Forest" and "Non-e-ver" as cornet solos with orchestral accompaniment. The Studio Octet, under Harold Beck, will accompany the vocal numbers and play several selections. The programme will also include a gramophone lecture-recital by Karl Atkinson on "Stephen Foster, American Song Laureate."

4YA Selections

THE service in Hanover Street Baptist Church will be broadcast by 4YA. The Rev. E. S. Tuckwell will be the preacher, Mr. H. P. Desmoulins being the choirmaster. A broadcast of 3YA's studio concert will follow.

MONDAY

Auckland Features

THE station will be on the air to broadcast a commentary on the wrestling at the Town Hall, where the principal bout will be Buresch v. Pinto.

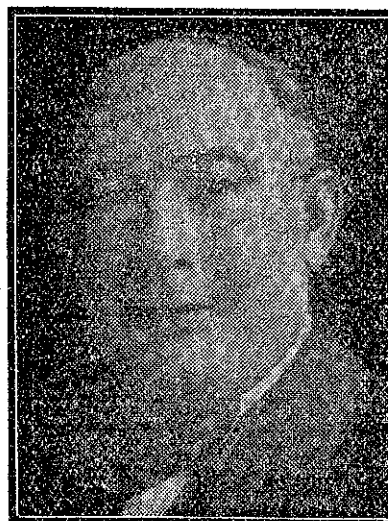
Jottings from 2YA

GLIMPSES of "Russian Music" will be the subject of the "Musical Portrait."

LALLA VONDERSLOOT will play the First Movement of Rubinstein's fascinating "Concerto in D Minor," with Gordon Short at the second piano. Mr. Short will play a "Waltz" and a "Melodie" by Rachmaninoff, and the Orchestra, under the conductorship of Signor A. P. Truda, will be heard in

numbers by Rimsky-Korsakov and Glazounov.

The vocal side of the programme, which will be of a popular nature, will be supplied by those favourite artists Amy Woodward, Mrs. Wilfred Andrews, and Herbert Wood. Several request numbers, among them being Liddle's "Home Song" and "My Hero" (from "The Chocolate Soldier"), have been included. The famous "Miserere" duet from "Il Trovatore" will be sung by Mrs. Woodward and Mr. Wood.



HERBERT WOOD,

a prominent Wellington tenor, who will present several numbers in the special Russian evening from 2YA this week.

—S. P. Andrew, photo.

3YA Notes

MR. E. J. BELL, Librarian at the Christchurch Public Library, will broadcast his monthly review of books of travel and biographies.

The Woolston Band, under Conductor R. J. Estall, in association with vocal artists and the Christchurch Broadcasting Trio, will provide the concert programme.

Selections from Dunedin

THE speaker on the International programme will be Mr. John Ash, of the literary staff of the "Evening Star," who will speak on "Latin America—the International Outlook."

TUESDAY

At 1YA

THE speaker on the International programme will be Professor H.

Featurettes

Russian Music

2YA, Monday.

Philharmonic Society

4YA, Tuesday.

Little Play Club

1YA, Wednesday.

Orphans' Club

1YA, Thursday.

Last of the Light Brigade

3YA, Friday.

Belshaw, Professor of Economics at the Auckland University, who will speak on "International Economic Co-operation as a factor in World Prosperity."

Wellington Notes

A FEATURE of the concert programme will be an instrumental duo, Dorothy Hughes-Johnson (violin) and Horatio Nelson (piano). The vocal portion of the programme will be provided by the popular Lyric Quartet, who will be heard in solos, duets, and quartets. The Salon Orchestra, under the conductorship of Mat Dixon, will supply the incidental music.

4YA Features

A CONCERT, to be given in the Concert Chamber of the Town Hall by the Dunedin Philharmonic Society, under Signor Squarise, will be broadcast. The numbers will include two compositions by Signor Squarise, the march "Les Adieux," and a trio for two violins and piano.

WEDNESDAY

Items from Auckland

THE community singing held at mid-day in the Town Hall will be broadcast.

The evening programme will be devoted to plays, songs, and stories contributed by the Little Play Club under the direction of Zoe Bartley-Baxter.

Radio Tubes Reduced

See Royds-Howard Co.
Advt on Page 15

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There will be two one-act plays—"Hearts to Mind" and "Partners,"—for which excellent casts have been chosen.

Wellington Features

AT 7.40 p.m. Mr. F. M. Bateson, sectional secretary, New Zealand Astronomical Society, will speak on "The Solar System." Featured on the International programme will be Dr. Guy H. Scholefield, who will speak on a topic of international interest.

From Christchurch

MARIAN WOODHOUSE, one of the Christchurch vocal teachers who train their pupils in microphone technique, will present the evening's programme. Some very fine part-singing by her students' Glee Club will be heard, while solos will be sung by Evelyn Lawn and Jean McDonald. Contributing also to the programme will be W. J. Trewern, whose fine tenor voice will be heard in "On With the Motley" and "Come Into the Garden Mand." The instrumental portion of the programme will be provided by the Studio Octet under Harold Beck.

Selections from 4YA

A **STUDIO** concert given by Signor Stella, Madame Reggiardo and party will be broadcast. This will be followed by a half-hour lecture-recital by Signor Martinelli Reggiardo, under the auspices of the Society of Musicians of Otago, on "Italy—Land of Song."

THURSDAY

Use More Wool

THE afternoon home science talk from 1YA, 2YA and 3YA will be entitled "Use More Wool."

JOBS ARE SHAKY TO-DAY.

Those who did not take the trouble to acquire special knowledge through Specialised Training, in their spare time, are the least secure and have the greatest anxiety.

Commence NOW a course of vocational instruction which, as the years go by, will prove one of the wisest investments you ever made. Your job will be more secure. **WRITE TO-DAY.**

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The Home of 12H.

Notes from 1YA

THE Studio concert will be provided by the orchestra of the Auckland Orphans' Club, with vocal numbers by members of the club.

The programmes previously provided by the Orphans have proved highly successful, as the orchestra, consisting of over forty players, conducted by Orphan Harold Baxter, reaches great heights of artistry. Tenor solos will be presented by Orphan Alf. Fogarty, and the well-known Auckland comedian, Orphan Elton Black, will be heard in humorous items. Of particular interest on the programme will be a duet for flute and horn, to be played by Orphans V. Cater and Harry Benn, entitled "Serenade" by Titi.

Items from 2YA

ON the evening programme the Serenaders' Male Quartet will broadcast for the first time. They will be heard in quartets, duets and solos. Clement Howe, who is a member of the quartet and responsible for its organisation, is well known in Wellington as a teacher of pianoforte and as a choirmaster and organist of repute. Also on this programme will be Gwladys Edwardes (soprano) singing four songs with orchestral accompaniment, "The Old Refrain" (by Kreisler), "On a Summer Day" (by Engelhardt), "Wait" (by d'Harlelot), and "Absent" (by Metcalfe). The incidental music will be supplied by the Salon Orchestra.

Notes from 3YA

THE lecturer on 3YA's International programme will be Mr. Geo. Lawn, M.A., who will take as his subject "Russia To-day."

FRIDAY

Auckland Features

THE 1YA Orchestra will play several selections during the evening's concert session, while further instrumental numbers will be rendered by the Waikiki Hawaiian Trio. A vocalist new to 1YA, Geoffrey G. Laird, a fine young bass-baritone, will also be heard. Theina Brian will be heard in several popular songs at the piano, while J. F. Montague will broadcast several humorous numbers.

Selections from 2YA

A **VARIED** programme will be presented from the studio. The Orchestra, under Signor A. P. Truda, will play the overture "If I Were King," the selections "The Blue Kitten" and "Firefly," and "Waltz Ballad." The singers will be Malcolm Miller (bass-baritone) and Mrs. R. D. Potts (mezzo-soprano). Mr. Miller comes to 2YA with a southern reputation and will be heard in "Son of Mine," "Echo," and "King Charles." Mildred Kennedy's Guitar Orchestra will delight



This is Charles Dewhurst, English actor and singer, now of Christchurch. For twelve months prior to the advent of the talkies in England he had been playing the leading role in "Beau Geste." Latterly he joined the Humphrey Bishop Company, settling shortly afterwards in New Zealand. He is a fine baritone singer, and broadcasts from 3YA. Mrs. Dewhurst is a very clever dancer. As Anita Golden she was head girl of the famous Fisher Troupe, which recently gave a command performance before the King.

Listeners in a budget of new and up-to-date melodies.

Christchurch Items

A **TALK** on the work of the Returned Soldiers' Association will be broadcast by the Rev. F. T. Read, president of the association.

The feature of the evening's programme will be the presentation of a war drama, "The Last of the Light Brigade." This has been arranged by Major Lampen, of Dunedin, and will be produced under his direction.

Features at 4YA

THERE will be a variety concert, the vocal portion of which will be given by the Four Aces, singing popular quartet numbers. James Paterson will provide humour of the Scottish type.

SATURDAY

1YA Notes

A **RELAY** of the concert to be given in the Town Hall by the Auckland Municipal Band, under the baton of George Buckley, will be carried out

From Wellington

DR. R. M. CAMPBELL (recently returned to New Zealand after four

years' study and travel abroad) will be heard in a lecturette entitled "Denmark and New Zealand."

The studio programme should prove bright and interesting. Features will be: The Savoy Banjo Trio (newcomers to 2YA) in numbers specially arranged by Mrs. H. G. Reeves, Len Ashton in humorous numbers, Muriel Johns in popular songs at the piano, and Terence O'Brien (Irish tenor).

From 3YA and 4YA

E. A. DOWELL will make a welcome reappearance at the 3YA microphone, singing "Song of the Aviator," by a Christchurch composer, Signor Benzoni. An amusing sketch, "Swamped," will be acted by The Mascots.

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Full Programmes for Next

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Sunday, September 13

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

- 8.0 : Chimes. Selected recordings and relay of portion of Organ Recital from the Auckland Town Hall by the City Organist, Mr. Maughan Barnett.
- 6.0 : Children's song service, conducted by Uncle Leo.
- 7.0 : Relay of evening service from St. David's Presbyterian Church. Preacher, —. Organist and Choirmaster, Mr. E. S. Craston.
- 8.30 (approx.): Studio Concert by the City of Auckland Municipal Band (under Mr. George Buckley).
- March—The Band, "Fidello" (Beethoven); overture, "Si J'Etals Roi." Male choir—Ural Cossacks' Choir, "Ukrainian Folksong" (Poly. 19324). Cornet solo—Mr. J. Davies, "Carnival of Venice" (Arban). Selection—The Band, "Faust" (Gounod). Dramatic recital—John Barrymore, "Hamlet's Soliloquy" (H.M.V.). Xylophone—Mr. Rowland Jackson, "The Meteor" (Greenwood). Poem symphonique—The Band, "Phaeton" (Saint-Saens). (A symphonic poem, depicting a mythological story. Phaeton having secured permission to drive through the heavens the chariot of the Sun, his Father, starts on his career. His unskilled driving, maddening the steeds, brings the fiery chariot too close to the earth, which is menaced with destruction, when Jupiter strikes the imprudent driver with lightning.)
- Male choir—Ural Cossacks' Choir, "The Mother-in-Law" (Poly. 19324). Flute—Mr. Hal C. McLennan, "The Swallows' Flight" (Koehler). Selection—The Band, "By the Waters of Minnetonka" (Lieurance); hymn, "Lead, Kindly Light" (Purday); march, "Holyrood."
- 10.0 : God save the King.

3YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, SEPTEMBER 13.

- 8.0 to 4.30: Afternoon session of selected gramophone recordings.
- 6.0 : Children's song service, conducted by Uncle George, assisted by the children's choir from the Lyall Bay Baptist Church.
- 7.0 : Relay of evening service from the Trinity Methodist Church, Wellington South. Preacher, Rev. T. W. Vealle. Organist, Miss Lillian Thawley, L.A.B. Choirmaster, Mr. W. McLellan.
- 8.15 (approx.): relay of concert by the Wellington Municipal Tramways Band from St. James Theatre (Conductor, Mr. E. Franklin).
God save the King.

5YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, SEPTEMBER 13.

- 3.0 : Gramophone recital.
- 5.30 : Children's song service by children of Baptist Sunday Schools.
- 6.15 : Chimes.
- 6.30 : Relay of evening service from Oxford Terrace Baptist Church. Preacher, Rev. L. A. North. Organist, Mr. Melville Lawry. Choir Conductor, Mr. V. Peters.
- 7.50 (approx.): Selected recordings.
- 8.15 : Overture—Grand Symphony Orchestra, "Masaniello" Overture.
- 8.21 : Soprano—Miss Frances Hamerton, with octet accompaniment, "Bell Song" (from "Lakme") (Delibes).
- 8.26 : Cornet—Mr. R. Ohlson, with octet accompaniment, "The Post in the Forest" (Schaefer).
- 8.30 : Tenor—Mr. Ernest Rogers, with octet accompaniment, "O Lola, Pretty One" (Siciliana) (from "Cavalleria Rusticana") (Mascagni).
- 8.34 : Violin—Miss Gladys Vincent, "Romance" (Svendsen).
- 8.40 : Orchestra—Studio Orchestra (Harold Beck, Conductor), overture, "Coriolanus" (Beethoven).
- 8.48 : Baritone (and orchestra)—Mr. T. D. Williams, with Studio Octet, "O Star of Eve" (from "Tannhauser") (Wagner).
- 8.51 : Cornet, with orchestra—Mr. R. Ohlson, "Non-e-ver" (Matti).
- 8.54 : Soprano—Miss Frances Hamerton, with octet accompaniment, (a) "Sleep Song" (Scott); (b) "Damon" (Landy).
- 9.0 : Instrumental—Studio String Quartet, "Andante" (Tschalkowsky).
- 9.4 : Weather forecast and station notices.
- 9.6 : Tenor—Mr. Ernest Rogers, with orchestral accompaniment, (a) "Come Into the Garden, Maud" (Balle); (b) "My Dreams" (Tosti).
- 9.13 : Violin—Miss Gladys Vincent, two mazurkas, (a) "Obertass" (Wieniawski); (b) "Le Menetrier" (Wieniawski).
- 9.19 : Baritone—Mr. T. D. Williams, with orchestral accompaniment, (a) "If in the Great Bazaars" (Woodforde-Tinden); (b) "The Toreador's Song" (Bizet).
- 9.26 : Orchestra—Studio Octet, "Gavotte" (Rameau).
- 9.30 : Gramophone lecture-recital by Mr. Karl Atkinson, "Stephen Foster, American Song Laureate."
- 10.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, SEPTEMBER 13

- 3.0 : Selected recordings.
- 5.30 : Children's song service, conducted by Big Brother Bill.
- 6.15 : Instrumental recordings.
- 6.30 : Relay of evening service from Hanover Street Baptist Church, Dunedin. Preacher, Rev. E. S. Tuckwell, B.A. Choirmaster, Mr. H. P. Desmoullins.
- 7.45 : Selected recordings.
- 8.15 : Relay of concert programme from 3YA, Christchurch.
- 10.0 : God save the King.

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

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

Monday, September 14

1YA, AUCKLAND (875 KILOCYCLES)—MONDAY, SEPTEMBER 14.

- 8.0 : Chimes. Relay from the Auckland Town Hall of a ringside description of the wrestling contest between Buresh and Pinto, to be preceded by amateur bouts.
God Save the King.

2YA, WELLINGTON (720 KILOCYCLES)—MONDAY, SEPTEMBER 14.

- 10.0 : Chimes. Selected gramophone recordings.
- 11.12 : Lecturette—"Cooking."
- 11.37 : Lecturette—"Health Hints or First Aid."
- 12.0 : Lunch hour music.
- 2.0 : Selected recordings.
- 3.30 and 4.30: Sports results to hand.
- 5.0 : Children's session, conducted by Uncle Jeff.
- 6.0 : Dinner music session (H.M.V.)—
Coldstream Guards Band, "Pique Dame" Overture (C1594).
Marek Weber and His Orchestra, "Faust" Selection (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, "Suite of Serenades" (Herbert); (1) Spanish; (2) Chinese; (3) Cuban; (4) Oriental.
Coldstream Guards Band, "Morning, Noon and Night in Vienna."
Ferdy Kaufmann and His Orchestra, "The Gypsy Baron" Selection.
Symphony Orchestra, (a) "Waltz of the Hours"; (b) "Variations" (from "Coppelia") (Delibes) (C1939).
Organ—Edward O'Henry, "Ouant Sans Paroles" (Tschalkowsky).
Zonophone Salon Orchestra, "Mighty Lak a Rose" (Nevin).
Virtuoso String Quartet, "The Emperor Quartet" (Theme and Variations) (Haydn) (C1470).
- 7.0 : News, market reports and sports results.
- 7.40 : Lecturette—Mr. H. C. South, "Books—Grave and Gay."
- 8.0 : Chimes. Overture, Bournemouth Municipal Orchestra, "Don Giovanni"
- 8.8 : Contralto—Mrs. Wilfred Andrews, with orchestral accompaniment "Hail Caledonia" (Stroud).
Duet—Mrs. Amy Woodward and Mrs. Wilfred Andrews, with orchestral accompaniment. (a) "Love's Dream" arranged from Liszt's "Liebestraume" (Besley).
- 8.16 : "Musical Portrait"—Russian Music—Piano—Mr. Gordon Short, (a) "Waltz"; (b) "Melodie" (Rachmaninoff).
- 8.26 : Tenor—Mr. Herbert F. Wood, (a) "Queen of My Heart" (Celler); (b) "Sylvia" (Speaks); (c) "In Velvet" (Rubens).
- 8.35 : Organ—Quentin Maclean, "The Merchant of Venice" (Rosse); (a) "Prelude"; (b) "Doge's March" (Col. 02797).
- 8.43 : Soprano—Mrs. Amy Woodward, (a) "O Ship of My Delight" (Phillips); (b) "The Laughing Song" (from "Manon Lescaut").
- 8.50 : Selection—2YA Orchestra (Conductor Signor A. P. Truda), "Snegourstchka" (Rimsky-Korsakov).
- 9.0 : Evening weather report and station notices.
- 9.3 : Tone poem—New Queen's Hall Orchestra, "Finlandia" (Sibelius).
- 9.11 : Duet—Mrs. Amy Woodward and Mr. Herbert F. Wood, with orchestral accompaniment, "Miserere" (from "Il Trovatore") (Verdi).
- 9.16 : Cello with orchestra—Mr. Claude Tanner, "Melodie Arabe."
Selection—2YA Orchestra, "In the Silence of the Night."
- 9.24 : Contralto—Mrs. Wilfred Andrews, with orchestral accompaniment, (a) "Not Understood" (Haughton), (b) "Home Song" (Liddle).
- 9.30 : Piano—Miss Lalla Vondersloot, "1st. Movement of Concerto in D Minor" (Rubenstein) (with accompaniment on second piano by Mr. Gordon Short).

Week-all Stations-to Sep. 20

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

- 9.39: Soprano—Mrs. Amy Woodward, with orchestral accompaniment, "My Hero" (from "The Chocolate Soldier") (Strauss).
 9.43: Chorus—Berlin State Opera Chorus, "The Huguenots"—"Benediction of the Poignards" (Meyerbeer) (H.M.V. C1861).
 9.51: Selection—2YA Orchestra, "Petite Rhapsody Russe" (Olsen).
 10.0 : Dance programme (Polydor)—
 Foxtrots—Marimba Original Excelsior de Guatemala, "El Enganado" (Garcia) (21901); Ben Berlin's Dance Orchestra, "There's Only Room For One Love" (May) (23535); Paul Godwin's Dance Orchestra, "I'm Longing For Something" (Hollander) (23536).
 10.9 : Waltz—Ilja Livschakoff's Dance Orchestra, "Mother Needn't Know." Foxtrots—Ben Berlin's Dance Orchestra, "If I's and And's Were Pots and Pans" (Stolz) (23611); Ilja Livschakoff and His Dance Orchestra, "The Brave Little Tailor" (May) (22923).
 10.13: Vocal—Clem Williams, "Old Fashioned Girl" (De Sylva).
 10.21: Tangos—Ilja Livschakoff's Dance Orchestra, "Your Lips Were Mine In My Dreams" (Marbot) (23546); Ben Berlin's Dance Orchestra, "What's The Time?" (May) (23535); Paul Godwin's Dance Orchestra, "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's Dance Orchestra, "I Would I Could Be Your Lover."
 10.39: Vocal—Clem Williams and Des Tooley, "You Are The Melody."
 10.42: Tangos—Ilja Livschakoff's Dance Orchestra, "My Heart Is At Your Feet" (Schmidt) (23546); Paul Godwin's Dance Orchestra, "Don't Leave Me" (Hollander) (23536); "Parting" (Blech) (23653).
 10.51: Foxtrots—Ilja Livschakoff's Dance Orchestra, "Don't Fear The First Kiss" (Stolz) (23701). Paul Godwin's Dance Orchestra, "Dancing

- Puppets" (Rust) (23327); Marimba Original Excelsior de Guatemala, "Aguilas Mexicanas" (Jose Escobar) (21901).
 11.0 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—MONDAY, SEPTEMBER 14.

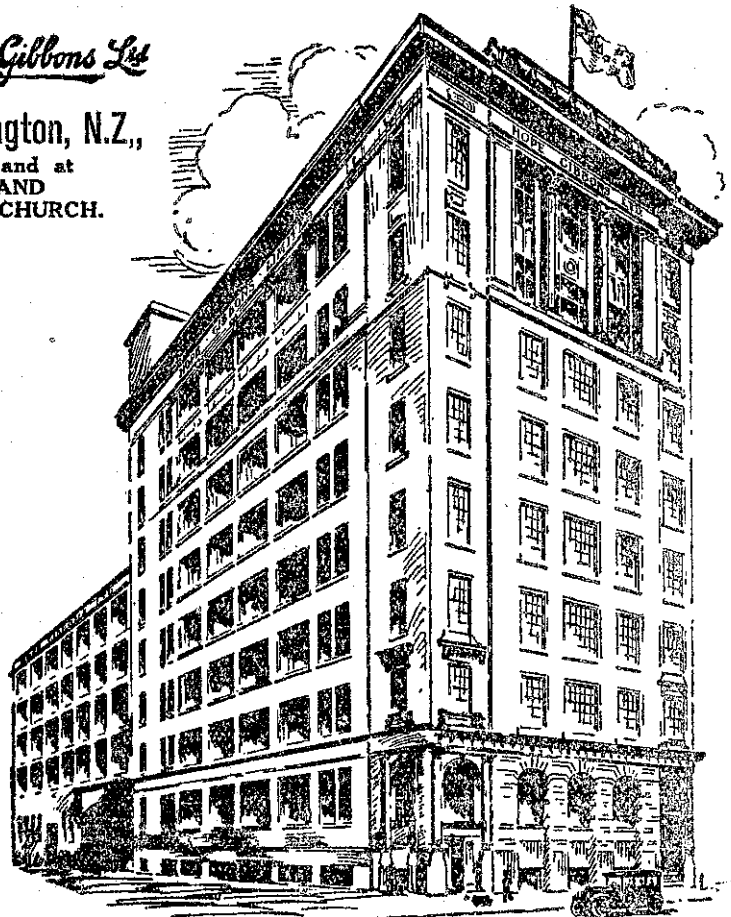
- 3.0 : Gramophone recital.
 4.25: Sports results.
 5.0 : Children's hour.
 6.0 : Dinner music session (Parlophone)—
 Dajos Bela Orchestra, "Faust" Waltz (Gounod) (A4010).
 Major Bowes's Capitol Theatre Trio, "My Isle of Golden Dreams."
 Raie da Costa Ensemble, "Rag Doll" (Brown) (A2677).
 Berlin State Opera House Orchestra, "The Mastersingers" Overture.
 Barnabas von Geczy and His Orchestra, "Pardon, My Lady" Tango.
 Dajos Bela Orchestra, "Vienna Bon Bons" Waltz (Strauss) (A4056).
 Grand Symphony Orchestra, "Polonaise No. 1 in A" (Chopin) (A4089).
 Raie da Costa Ensemble, "Laughing Marionette" (Collins) (A2677).
 Pavilion Lescart Tango Orchestra, "In a Little Cafe" Tango (Neubach).
 Major Bowes's Capitol Theatre Trio, "Pale Moon" (Logan) (A2598).
 Dajos Bela Orchestra, "The Swallows" Waltz (Strauss) (A4010).
 Grand Symphony Orchestra, "Hungarian Dances Nos. 5 and 6" (A4089).
 Frank Westfield's Orchestra, "The New Sullivan Selection" (A2679).
 Dajos Bela Orchestra, "Roses of the South" Waltz (Strauss) (A4056).
 7.0 : News session.
 7.30: Talk—Mr. E. J. Bell, Public Librarian, "Books of Travel and Biographies."
 8.0 : Chimes. Band programme by the Woolston Band (Conductor R. J. Estall) and 3YA artists.
 March—Band, "Punchinello" (Rimmer); overture, "Tierrabras."
 8.14 Baritone—Mr. J. K. Burt, (a) "At Grendon Fair" (Paul Marie), (b) "Spanish Gold" (Fisher).
 8.20: Trios—Christchurch Broadcasting Trio, (a) "La Lisonjera" (Chamlaade), (b) "Fairy Frolic" (Quilter).
 8.28: Soprano—Miss H. Hodder, (a) "Dear Love, Remember Me" (Marshall), (b) "Shadows" (Hill).
 8.33: Cornet—Bandsman Simpson, "Zelda" (Code).
 8.40: Humour—Phil Baker, "At the Theatre" (H.M.V. B2670).
 8.46: Air Varie—Band, "The Harmonious Blacksmith" (Handel).
 8.52: Baritone—Mr. Clive Hindle, with trio accompaniment, "The Wheel-tapper's Song" (Charles).
 8.56: Xylophone—Franz Kruger, (a) "Hungarian Airs" (Kruger), (b) "American Patrol" (Meacham) (Poly. 21385).
 9.2 : Evening weather forecast and station notices.
 9.4 : Overture—Band, "La Benediction des Poignards" (Meyerbeer).
 9.13: Baritone—Mr. J. K. Burt, "Take Off Your Coat" (Longstaffe).
 9.17: Chorus—Zonophone Light Opera Company, "The Geisha" Vocal Gems.
 9.25: Trios—Christchurch Broadcasting Trio, (a) "Tarantella" (Hiller), (b) "Valse" (Gounod).
 9.33: Soprano—Miss H. Hodder, (a) "The Little Old Garden" (Hewitt), (b) "Every Time I See You" (Adams).
 9.38: Humorous duets—Flotsam and Jetsam, (a) "The Business Man's Love Song," (b) "Optimist and Pessimist" (Hilliam) (Col. 0995).
 9.44: Barcarolle—Band, "A Lagoon Lullaby" (Sellars).
 9.48: Baritone—Mr. Clive Hindle, with trio accompaniment, (a) "Thora" (Adams), (b) "Song of the Bow" (Aylward).
 9.55: March—Band, "Torchlight" (Mays).
 10.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—MONDAY, SEPTEMBER 14.

- 3.0 : Selected recordings.
 5.0 : Children's hour, conducted by Uncle Jack and Uncle Pete.
 6.0 : Dinner music session (Polydor)—
 Paul Godwin's Orchestra, "The Czarewitsch" (Lehar) (19678); "Liliputian's Wedding" (Translature) (19660).
 Paul Godwin's Orchestra, with Organ, "Adoration" (Filipucci).
 Great Symphony Orchestra, "The Gipsy Princess" (Kalman) (27172).
 Paul Godwin's Orchestra, with organ—"Invocation" (Ganne) (19978).
 Paul Godwin's Quintet, "Vision" (Drdla) (19533).
 Opera Orchestra Berlin-Charlottenburg, "Si J'Etats Roi" (Adam).
 Paul Godwin's Dance Orchestra, "Little Butterflies" (Steinke).
 Paul Godwin's Quintet, "Chant d'Amour" (Drdla) (19533).
 Paul Godwin's Jazz Symphonians, "Lots of Fun" (Morena) (19761).
 7.0 : News session.
 7.40: Talk—Mr. L. Malcolm (of Dunedin Stock Exchange) "The Stock Exchange."
 8.0 : Chimes.—Specially Recorded International Programme.
 Vitaphone Orchestra.
 The Radio Sweethearts.
 Forget-Me-Not.

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Weather report.
International Talk—Mr. John Ash, "Latin America—The International Outlook."
The Irresistible Imps.
Whispers.
God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—MONDAY, SEPT. 14.

8.0 to 10.0 p.m.: Concert programme.

Tuesday, September 15

1YA, AUCKLAND (875 KILOCYCLES)—TUESDAY, SEPTEMBER 15.

8.0 : Selected recordings.
5.0 : Children's session, conducted by Uncle Dave.
6.0 : Dinner music session (Polydor)—
Berlin State Opera House Orchestra, "Cosi Fan Tutte" Overture.
Efim Schachmeister's Dance Orchestra, "Second Waltz Medley" (27013).
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).
8.0 : News and market reports.
7.40 : Talk—"Sparwood" of the "New Zealand Referee," "Dogs."
8.0 : Chimes. Specially recorded international programme.
Vitaphone Orchestra.
The Radio Sweethearts.
Forget-me-not.
Weather report.
International talk—Professor H. Belshaw, "International Economic Co-operation as a Factor in World Prosperity."
The Irresistible Imps.
Whispers.
10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—TUESDAY, SEPTEMBER 15.

10.0 : Chimes. Selected gramophone recordings.
11.12 : Lecturette—"Fabrics and Fashions."
12.0 : Lunch hour music.
2.0 : Educational session.
3.0 : Selected recordings.
3.30 and 4.30 : Sporting results to hand.
5.0 : Children's session, conducted by Jumbo.
6.0 : Dinner music session (Columbia)—
J. H. Squire's Celeste Octet, "Operatica" (arr. Squire) (DOX62).
Band—The Bombardiers, "Hungarian Dance No. 5" (Brahms).
Orchestre Symphonique de Paris, "L'Arlesienne Suite—Adagio." Regal Orchestra, "Pagliacci" Selection (Leoncavallo) (Reg. G30007).
J. H. Squire's Celeste Octet, "Song of the Waterfall" (Squire) (DO149).
Orchestre Symphonique de Paris, "L'Arlesienne Suite—Entr'acte, Le Carillon" (Bizet) (01327).
London Theatre Orchestra, "A Country Girl" Selection (Monckton).
Band—The Bombardiers, "Hungarian Dance No. 6" (Brahms).
Orchestre Symphonique de Paris, "L'Arlesienne Suite—Intermezzo." Regal Cinema Orchestra, "Show of Shows" Selection (05086).
J. H. Squire's Celeste Octet, (a) "Scent of the Jasmine" (Squire); (b) "Two Eyes of Grey" (McGeoch) (01213).
Orchestre Symphonique de Paris, "L'Arlesienne Suite—Entr'acte La Cuisine de Castelet" (Bizet) (01326).
7.0 : News, market reports and sports results.
7.40 : Lecturette by a representative of the Agricultural Department, "For the Man on the Land."
8.0 : Chimes. Selection—London Theatre Orchestra, "The Merry Widow."
8.8 : Tenor—Mr. Chas. Williams, with orchestral accompaniment, "My Desert Queen" (Jones).
8.12 : Instrumental—2YA Salon Orchestra (Conductor, Mr. M. T. Dixon), "Crown Diamonds" (Auber).
8.21 : Humour—William McCulloch, "The Presentation of Prizes" (MacLennan) (Col. 02793).
8.29 : Piano—Mr. Horatio Nelson, (a) "The Reverie" (Catoire); (b) "Etude"
8.34 : Quartets—The Lyric, (a) "Evening" (Abt.); (b) "Talk About Jerusalem Morning" (O'Hara).
8.40 : Instrumental—2YA Salon Orchestra, (a) "Canzonetta" (Nicode); (b) "Poupee Charmante" (Savins).
8.51 : Bass, with chorus and orchestra—Mr. W. Binet Brown and Lyric Quartet, "Drake's Drum" (Stanford).
8.55 : Violin and piano—Miss Dorothy Hughes-Johnson and Mr. Horatio Nelson, "Sonata Op. 82" (1st. Movt. Allegro) (Elgar).
9.2 : Evening weather report and station notices.
9.4 : Chorus—The Sieber Choir, "The Blue Danube" (Strauss).
9.12 : Tenor—Mr. W. Roy Hill, two old English folk songs, (a) "The Frog and the Mouse," (b) "Strawberry Fair" (arr. Sharpe).
9.18 : Spanish scene—2YA Salon Orchestra, "Mariposa" (Wright); "Gems from South America" (arr. Schmid).

9.26 : Three old-time rounds—Lyric Quartet, (a) "O, My Love," (b) "London's Burning," (c) "Row Your Boat" (Trdtl.).
9.34 : Violin—Miss Dorothy Hughes-Johnson, "On Wings of Song."
Piano—Mr. Horatio Nelson, "Handelian Rhapsody" (Cyril Scott).
9.46 : Baritone—Mr. Will Goudie, (a) "Easter Flowers" (Sanderson); (b) "Little Irish Girl" (Lohr).
9.52 : Pastorale—2YA Salon Orchestra, "The Nodding Tulips" (Trinkaus); "Coquettish Mood" (Barrett).
10.2 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, SEPT. 15.

SILENT DAY.

4YA, DUNEDIN (650 KILOCYCLES)—TUESDAY, SEPTEMBER 15.

8.0 : Selected recordings.
8.0 : Children's hour, conducted by Aunt Leonore.
6.0 : Dinner music session (H.M.V.)—
New Mayfair Orchestra, "Lilac Time" (Schubert—arr. Clutsam).
San Francisco Symphony Orchestra, (a) "Serenade" (Moszkowski); (b) "Aubade" (Auber) (ED6).
Creator's Band, "Semiramide" Overture (Rossini) (C1420).
New Light Symphony Orchestra, "Spanish Serenade" (Bizet) (B2584); "Narcissus" (Nevin) (Zono. EE111).
Trio—De Groot-Pacey-Gibilaro, "O Sole Mio" (Di Capua) (B2588).
San Francisco Symphony Orchestra, "Liebeslied" (Kreisler) (ED6); "Valse de Concert" (Glazounov) (D1492).
New Light Symphony Orchestra, "Spring Song" (Mendelssohn).
National Symphony Orchestra, "William Tell" Overture (Rossini).
New Light Symphony Orchestra, "Spanish Dance No. 1" (B2584).
7.0 : News session.
7.40 : Talk, under the auspices of the W.E.A.—Mr. N. S. Woods, "Recruitment and Unemployment."
8.0 : Chimes. Relay from Concert Chamber of Dunedin Town Hall of Concert by Dunedin Philharmonic Society (Conductor, Signor Squarise) March—"Les Adieux" (Squarise); overture, "Stradella" (Plotow).
Selection—"Nocturne No. 3—Liebestraum" (Liszt); march, "Marche Slav" (Tschalkowsky).
Fantasia—"La Boheme" (Puccini).
Trio (two violins, piano)—"Instrumental Trio" (Squarise).
Overture—"Au Bois Joli" (Mouton).
God save the King.

Wednesday, September 16

1YA, AUCKLAND (875 KILOCYCLES)—WEDNESDAY, SEPTEMBER 16.

12.30 : Relay of community singing from the Town Hall.
8.0 : Selected recordings.
8.15 : Literary selection.
5.0 : Children's session, conducted by Uncle Reg.
6.0 : Dinner music session (H.M.V.)—
London Palladium Orchestra, "Nautical Moments" (arr. Winter).
Organ—Sandy Macpherson, "L'Heure Bleu" (Spolianski) (B3300).
Vienna Philharmonic Orchestra, "Hungarian Dance No. 1" (Brahms).
Berlin State Opera Orchestra, "Oberon" Overture (Weber) (D1316).
Jack Hylton and His Orchestra, "Steppin' Out" (Vauchant) (B5727).
National Military Band, "Ben Hur" (Byng) (Zono. A365).
New Mayfair Orchestra, "Follow Through" Selection (C1769).
De Groot and His Orchestra, "I Love You" (Grieg) (B3184).
Marek Weber and His Orchestra, "Lahariana" (Gelger) (C1679).
De Groot and His Orchestra, "Romance" (Rubinstein) (B3184).
Vienna Philharmonic Orchestra, "Hungarian Dance No. 3" (Brahms).
Jack Hylton and His Orchestra, "Lonesome Little Doll" (Boutelje).
Organ—Sandy Macpherson, "In An Old-World Garden" (Pepper).
7.0 : News and market reports.
7.40 : Talk—Miss G. Driver, "Book Review."
8.0 : Chimes. An Evening of Play, Story, and Song by the Little Play Club, under the direction of Zoe Bartley-Baxter.
Overture—Halle Orchestra, "Rosamunde" Overture (Schubert) (Col.).
8.9 : One-act play—The Company, "Hearts to Mend," a fanciful one-act comedy with incidental music (Overstreet). Cast—Pierrot, Edward Churchouse; Pierrette, Zoe Bartley-Baxter; The Traveller, Alan McElwain.
8.34 : Violin—Mr. Roy Maxwell, "Viennese Folk Song" (Kreisler).
8.38 : Baritone—Mr. Edward Churchouse, (a) "Don Juan's Serenade" (Tschalkowsky); (b) "Fleurlette" (McGeoch).
8.44 : Trio—Grinning Schrammel Trio, "High Up in the Forest" (Poly.)
8.51 : Humour—Mr. Alan McElwain, "On Strike" (arr. McElwain).
8.57 : Don Cossacks' Choir, "The Red Sarafan" (Col. DOX 153).
9.1 : Evening weather forecast and announcements.
9.3 : Songs at piano—Mrs. Zoe Bartley-Baxter, (a) "Little Tan Shoes" (Garstin); (b) "Let Us Waltz Round Together" (Penso).
9.8 : Piano—Miss Phyllis Purchase, (a) "Valse Op. 64" (Chopin); (b) "Danse Negre" (Scott).
9.12 : Baritone—Mr. Edward Churchouse, (a) "Bitterness of Love" (Dunn); (b) "Unmindful of the Roses" (Coleridge-Taylor).
9.18 : Violin—Mr. Roy Maxwell, "Reverie" (Moszkowski).

- 9.22: Humour—Mr. Alan McElwain, "The Rich Man Rides Past."
 9.28: Chicago Symphony Orchestra, "Russian and Ludmilla" Overture.
 9.32: One-act comedy—The Company, "Partners" (arr. Bartley-Baxter).
 Cast—Archie, Jack Hudson; Angela, Muriel Fisher; Mrs. Ainsworth, Zoe Bartley-Baxter; Mr. Ainsworth, Reeves Pilkington; Harry Reading, Ronald Bowie; Clarence Reading, Jack Parsons; George Reading, Hugh Woods; Theo Reading, Stanley Evans; James Ainsworth, Ian Stewart. Scene—Living-room at Mr. Ainsworth's residence. Time—Present day.
 9.57: Band—Massed Military Bands, "Wellington" (March (Zehle) (Parlo).
 10.0: God save the King.

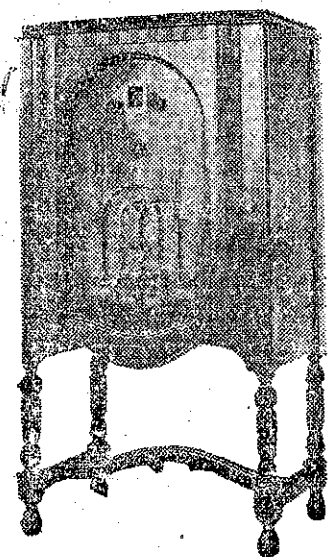
2YA, WELLINGTON (720 KILOCYCLES)—WEDNESDAY, SEPT. 16.

- 10.0: Chimes. Selected gramophone recordings.
 11.37: Lecturette—"Hollywood Affairs."
 12.0: Lunch-hour music.
 2.0: Selected recordings.
 3.15: Lecturette—Miss Ruth Hay, "Our Daily Food."
 3.30 and 4.30: Sporting results to hand.
 5.0: Children's session, conducted by Aunt Daisy.
 6.0: Dinner music session (Polydor)—
 Berlin Philharmonic Orchestra, "Torch Dance, B Flat Major" (27033).
 Ilja Livschakoff and His Orchestra, "Aubade" (Livschakoff) (23048).
 Paul Godwin's Orchestra, "Evening Chimes" (Marzian) (23163).
 Vienna Schrammel Quartet, "Some Day" (from "Marletta"—Strauss).
 Edm Schachmeister's Dance Orchestra, "Casanova, I Love You" Tango.
 Ilja Livschakoff and His Orchestra, "Little Serenata" (Grunfeld) (23048); "Who Has Filled Our Heart With Love" (Lehar) (22855).
 Paul Godwin's Orchestra, "The Mask-Seller" (Wolff) (22893).
 Vienna Schrammel Quartet, "Spin, Spin" (Lochmann) (21915).
 Symphony Orchestra, "Il Guarany" Introduction (Gomes) (P60006).
 Paul Godwin's Orchestra, "Song of the Desert" (Delhaes) (22893); "Tonerna" (Sjoberg) (23168).
 Edm Schachmeister's Dance Orchestra, "At the Fireside" (21181).
 Paul Godwin's Jazz Symphonians, "Butterfly, Sweet Little Lady."
 Ilja Livschakoff and His Orchestra, "All My Heart Belongs to You."
 7.0: News, market reports and sports results.
 7.40: Lecturette—Mr. F. M. Bateson, Sectional Secretary, New Zealand Astronomical Society, "The Solar System."
 8.0: Chimes. Vitaphone Orchestra, The Mirth Quakers, Weather Report. International Talk, Dr. Gny H. Scholefield, O.B.E.; The Flying Song Squadron, The Old Whittier, Whispers.
 God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—WEDNESDAY, SEP. 16.

- 3.0: Gramophone recital.
 4.25: Sports results.
 5.0: Children's hour, conducted by Uncle John.
 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."
 The London Palladium Orchestra, "Sunset" (Matt) (C1898).
 Vienna Philharmonic Orchestra, "Die Fledermaus" Waltz (Strauss).
 International Concert Orchestra, "My Treasure" (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.
 8.0: Chimes. Vocal programme presented by Miss Marian Woodhouse's Students' Glee Club and assisted by Mr. W. J. Trewern and Studio Octet.
 Overture—Grand Symphony Orchestra, "Merry Wives of Windsor."
 8.8: Three part song—Miss Marian Woodhouse's Students' Glee Club, "Flying Singing Bird" (Elgar).
 Soprano—Miss Evelyn Lawn, "The Wind's in the South."
 8.17: March—Studio Octet (Harold Beck Conductor), (a) March from "The Nutcracker Suite" (Tschalkowsky), (b) Overture, "Men of Prometheus" (Beethoven).
 8.25: Tenor—Mr. W. J. Trewern with Octet accompaniment, "On With The Motley" (from "Pagliacci") (Leoncavallo).
 8.30: Suite—Studio Octet, "Suite From The Dramatic Music of Henry Purcell" (arr. Albert Coates).
 8.38: Mezzo-contralto—Miss Jean A. B. McDonald, (a) "The Merchants Are Riding" (Outhbert Harris); (b) "A Feast of Lanterns."
 8.41: Selection—Studio Octet, "Madame Butterfly" (Puccini).
 8.49: Three-part song—Glee Club, "Echo" (Wood).
 8.53: Soprano—Miss Evelyn Lawn, with Octet accompaniment, (a) "A Robin's Song" (White), (b) "Waltz Song" (from "Tom Jones").
 8.57: Instrumental Quintet—The Studio Players, "Meditation."
 9.2: Three-part song—Glee Club, "Night Hymn at Sea" (Thompson).
 9.6: Weather forecast and station notices.
 9.8: Prelude—National Symphony Orchestra, "La Traviata" (Verdi).
 9.12: Part songs—Glee Club, Two-part song, (a) "Summer Breezes" (Chopin); (b) Three-part song, "Derry Vale" (arr. McNaught).
 Tenor—Mr. W. J. Trewern with trio accompaniment, "Bedouin Love Song" (Pinsuti).
 9.18: Orchestral—Studio Octet, (a) "Polka" (Bantock); (b) "Prize Song" (Wagner); (c) "Dance Orientale" (Lubomirsky).
 9.30: Dance music (Brunswick)—
 Foxtrots—Ben Bernie and His Orchestra, "To Whom It May Concern" (Mitchell) (6008); Ozzie Nelson and His Orchestra, "Fall In Love With Me" (Tobias) (6018); Ben Bernie and His Orchestra, "Crying Myself To Sleep" (Klenner) (6008).
 9.39: Waltz—Pavilion Lescaut Orchestra, "Listening To The Violin."
 Foxtrots—Jacques Renard and His Orchestra, "Under The Spell of Your Kiss" (Jasmyrn) (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?"
 9.51: Foxtrots—Loring "Red" Nichols and His Orchestra, "Blue Again" (Fields) (6014); Jacques Renard and His Orchestra, "We're Friends Again" (Turk) (4994); 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."
 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" (Leslie) (4990).
 10.24: Two-steps—Juan Llossas Orchestra, "My Spain" (Marquina) (Poly. 22834); Marimba Original Excelsior de Guatemala, "Joselillo" (Marin) (Poly. 21904); Juan Llossas Orchestra, "Andalusian National Character" (22834).
 10.33: Vocal—Chester Gaylord, "Cheerful Little Earful" (Gershwin).
 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" (Seymour) (4995).
 10.45: Tangos—Juan Llossas' Orchestra, "Pretty Gigolo" (Casucci) (Poly. 22884); 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" (Karl M. May) (Parlo. A3074); Stellar Dance Band, "Strolling Thro' the Tulips" (O'Hagan).
 11.0: God save the King.

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4YA, DUNEDIN (650 KILOCYCLES)—WEDNESDAY, SEPTEMBER 16.

8.0 : Selected recordings.

8.15: Talk—"Good Meal Planning on an Average Income, Part 3" by the Home Science Extension Department of Otago University.

5.0 : Children's hour, conducted by Big Brother Bill.

6.0 : Dinner music session (Parlophone)—

The Parlophone Salon Orchestra, "A Lover in Damascus.

Berlin State Opera House Orchestra, "Slavonic Dances Nos. 1 and 2."

Edith Lorand's Orchestra, "Whispering of the Flowers" (Von Blon).

H.M. Irish Guards Band, "The Desert Song" (Romberg) (A2433).

Edith Lorand's Orchestra, "Hedgeroses" (Lehar) (A4206); "Johann Strauss Fantasia" (Strauss) (A4044).

Barnabas von Geczy and His Orchestra, "The Student Prince" Fantasia.

Edith Lorand's Orchestra, "Winter Storms" Waltz (Fucik) (A4143);

"O Maiden, My Maiden" (Lehar) (A4206).

Grand Symphony Orchestra, "Dance of the Waves" (Catalani).

7.0 : News session.

7.15: Talk—Mr. J. E. Davies under auspices 4YA Primary Productions Committee, "Agricultural Clubs—Forthcoming Season's Work."

8.0: Chimes. Overture—Light Opera Orchestra, "The Mikado" (Sullivan).

8.9 : Soprano—Miss Clare Dillon, with orchestral accompaniment, (a) "Ave Maria" (Gounod), (b) "Killarney" (Balfe).

8.15: Instrumental—The Orchestra, (under direction Madame Reggiardo), (a) "Liebestraum" (Von Blon), (b) "Thousand and One Nights."

8.27: Tenor—Signor Giovanni Stella, (a) "Ideale" (Tosti), (b) "Ay, Ay, Ay" (Freire).

8.33: Piano, flute and violin—Madame Reggiardo, Miss Anna Briasco, and Mr. W. Stewart, "Song of the Night" (Behr).

8.40: Soprano—Signorina Graziella Rossi, "Mother, You Know the Story."

8.45: Selections—The Orchestra, (a) "Spring Song" (Mendelssohn), (b) "Nocturne" (Chopin), (c) "Berceuse" (Jocelin).

8.54: Mezzo-soprano—Miss Vanda Duncan, "Farewell To My Home."

9.0 : Weather report and station notices.

9.2 : Lecture-Recital, under the auspices of the Society of Musicians of Otago, by Signora Martinelli-Reggiardo: "Italy—Land of Song."

9.30: Dance session (Brunswick)—

Foxtrots—Anglo-Persians, "Dancing Butterfly" (Pascal) (4792); Abe Lyman and His California Orchestra, "Worryin' Over You" (Tobias) (4774); Al Goodman and His Flying High Orchestra, "Thank Your Father."

Waltz—Regent Club Orchestra, "I Love You So" (Kahn) (4744).

9.42: Foxtrots—Tom Clines and His Music, "Until Love Comes Along" (Clare); Lloyd Huntley and His Isle O' Blues Orchestra, "Promises" (Sherman) (4784); Ben Bernie and His Orchestra, "Telling It To The Daisies" (Young) (4771); Lloyd Huntley and His Isle O' Blues Orchestra, "On a Blue and Moonless Night" (O'Flynn).

9.54: Vocal trio—Earl Burnett's Biltmore Trio, "If I'm Dreaming."

Foxtrots—Ben Bernie and His Orchestra, "Keepin' Myself For You" (Clare); Colonial Club Orchestra, "Caribbean Love Song" (Berton) (4738); Ben Bernie and His Orchestra, "You Brought a New Kind of Love To Me" (Fain) (4767); Tom Clines and His Music, "Any Time's The Time to Fall in Love" (Janis) (4772).

10.9 : Waltz—Ben Bernie and His Hotel Roosevelt Orchestra, "Coquette."

Foxtrots—Dan Russo and His Oriole Orchestra, "Sweetheart" (Lewis) (4708); Roger Wolfe Kahn and His Orchestra, "Exactly Like You" (Fields) (4742); Ben Bernie and His Orchestra, "Reminiscing."

10.21: Vocal—Vaughn de Leath, "Sometimes I'm Happy" (Caesar) (4770).

10.24: Foxtrots—Abe Lyman and His California Orchestra, "You Will Come Back To Me" (Fields) (4774); Ben Bernie and His Orchestra, "Livin' in the Sunlight, Lovin' in the Moonlight" (Sherman) (4767); Colonial Club Orchestra, "Watching My Dreams Go By."

10.33: Waltz—Regent Club Orchestra, "Lazy Louisiana Moon" (Donaldson).

Foxtrots—Colonial Club Orchestra, "Wherever You Are" (Kalmar) (4777); "Sweepin' the Clouds Away" (Coslow) (4738).

10.42: Vocal trio—Earl Burnett's Biltmore Trio, "A Year From To-day."

10.45: Foxtrots—Roger Wolfe Kahn and His Orchestra, "On the Sunny Side of the Street" (Fields) (4742); The Jungle Band, "Sweet Mama" Waltz—Regent Club Orchestra, "My Dear" (Kahn) (4370).

Foxtrots—Anglo-Persians, "The Toy-Town Admiral" (Godfrey) (4792); Colonial Club Orchestra, "All Alone Monday" (Kalmar).

11.0 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—WEDNESDAY, SEPT 16.

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

7.30 to 8 p.m.: Sports talks.

Thursday, September 17**1YA, AUCKLAND (875 KILOCYCLES)—THURSDAY, SEPTEMBER 17.**

8.0 : Chimes. Selected recordings.

8.15: Talk—"Use More Wool." Prepared by the Home Science Extension Service of Otago University.

5.0 : Children's session, conducted by Skipper.

6.0 : Dinner music session (Columbia)—

Symphony Orchestra, "Poet and Peasant" Overture (Suppe) (05044).

Garde Republicaine Band, "The Two Pigeons" (Messenger) (02924).

Johann Strauss and Symphony Orchestra, "Morgen Blatter" (Strauss).

B.B.C. Wireless Symphony Orchestra, "La Boutique Fantastique" Selection (Respighi—arr. Coward) (Reg. G30018).

Plaza Theatre Orchestra, "Pearl o' Mine" (Fletcher) (01638).

Ketelbey's Concert Orchestra, "In a Fairy Realm" Suite (Ketelbey):

(a) The Moonlit Glade, (b) The Queen Fairy Dances, (c) The Gnomes' March (02694/5).

Garde Republicaine Band, "The Two Pigeons" (Messenger) (02925).

Johann Strauss and Symphony Orchestra, "Blue Danube Waltz" (9218).

Ketelbey's Concert Orchestra, "Bells Across the Meadow" (Ketelbey).

Plaza Theatre Orchestra, "Bal Masque" Valse Caprice (Fletcher).

7.0 : News and market reports.

7.40: Talk, under the auspices of the New Zealand Manufacturers' Association, "The Clay Products Industry."

8.0 : Chimes. Studio Concert by the Auckland Orphans' Club Orchestra, conducted by Orphan Harold Baxter.

March—The Orchestra, "Sons of the Brave" (Bidgood); overture, "Light Cavalry" (Suppe).

8.13: Tenor—Orphan A. G. Fogarty, (a) "I Hear a Thrush at Eve" (Cadman); (b) "An Evening Song" (Blumenthal).

8.20: Suite—The Orchestra, "Ballet Russe, Nos. 1, 3 and 5" (Luigini).

Flute and horn—Orphans V. Cater and H. Benn, "Serenade" (Titl).

Selection—The Orchestra, "Slavonic Rhapsody" (Friedmann).

8.43: Humour—Orphan Elton Black, "Some Humour."

8.50: Suite—The Orchestra, "Africana" (Thurban).

9.0 : Evening weather forecast and announcements.

9.2 : Waltz—The Orchestra, "Eros" (Mohr).

Characteristic—"Swanee River" (Myddleton).

9.14: Humour—Orphan Elton Black, "More Humour."

9.19: Selection—The Orchestra, "Belle of New York" (Kerker); march, "The Old Brigade" (Myddleton).

9.35: Dance music—

Foxtrots—Tom Rock and His Orchestra, "Truly I Love You" (Hirsch)

(A3144). Sam Lanin and His Famous Players, "It's a Lonesome

Old Town" (Tobias) (A3146). Ray Seeley and His Orchestra,

"There's Something Missing in Your Eyes" (Gilbert) (A3144).

Ed Loyd and His Orchestra, "Walkin' My Baby Back Home."

9.47: Waltz—Hotel Pennsylvania Orchestra, "The Kiss Waltz" (Dubin).

9.50: Foxtrots—Sam Lanin and His Famous Players, "Oh, Why?" (Stothart)

(A3117). Ray Seeley and His Orchestra, "You're the One I Care

For" (Gray) (A3154). Ed Loyd and His Orchestra, "I am the

Words—You are the Melody" (De Sylva) (A3117).

9.59: Vocal—John Warren, "I Miss a Little Miss" (Coots) (A3125).

10.2 : Foxtrots—Sam Lanin and His Famous Players, "The Old Man Band"

(Baxter) (A3160). Ed Loyd and His Orchestra, "Sing Song Girl"

(Hanley) (A3154). The New York Syncopators, "The King's

Horses."

10.11: Waltzes—Pavilion Lescant Orchestra, "Drink, Brother, Drink" (Bendix)

(A3150). The Orquesta Tipica Francisco Canaro, "Bells of

Hawaii" (Heagney) (A3177).

10.17: Foxtrots—Ed Loyd and His Orchestra, "Hullabaloo" (Dolen) (A3115).

Hotel Pennsylvania Orchestra, "Sing Something Simple" (Hup-

field) (A3127). Ray Seeley and His Orchestra, "Hurt" (Solomon)

(A3126). Hotel Pennsylvania Orchestra, "A Peach of a Pair."

10.29: Vocal—Belyville Gideon, "Lady, Play Your Mandolin" (Caesar) (A3186).

10.32: Foxtrots—Sam Lanin and His Famous Players, "To-morrow is Another

Day" (Green) (A3129). The New York Syncopators, "I'm so

Afraid of You" (Kalmar) (A3145). "The Little Things in Life."

10.41: Tango—Pavilion Lescant Orchestra, "Oh! Miss Greta" (Flossas).

10.44: Vocal—John Warren, "Heavenly Night" (Brown) (A3125).

10.47: Foxtrots—Russ Morgan and His Orchestra, "Little Sunshine" (Mit-

chell) (A3129). Ed Loyd and His Orchestra, "Hello! Beautiful!"

10.53: Waltz—Sam Lanin and His Famous Players, "Tears" (Capano).

10.56: Foxtrots—Sam Lanin and His Orchestra, "Crying Myself to Sleep"

(Wendling) (A3147); "When You Were the Blossom of Buttercup

Lane" (Dubin) (A3153).

Waltz—Fred Rich and His Orchestra, "When Your Hair has Turned

to Silver" (Tobias) (A3159).

11.5 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—THURSDAY, SEPTEMBER 17.

10.0 : Chimes. Selected gramophone recordings.

10.45: Lecture—"Cooking."

11.37: Lecture—"Growth of Children—Their Physical Development"; under the auspices of the Health Department.

12.0 : Lunch hour music.

2.0 : Selected recordings.

3.15: Lecture—"Miss I. F. Meadows, "Use More Wool." 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 (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 Khovantchina" (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 Dniپر" (57005).
A. and P. Gypsies Orchestra, "My Memories" (4903).
Minneapolis Symphony Orchestra, "Dernier Sommeil de la Vierge."
7.0 : News, market reports and sports results.
7.40 : Lecturette—Miss Flora Cormack, "How an Idea Becomes a Talking Picture."
8.0 : Chimes. Selection—London Theatre Orchestra, "Maid of the Mountains" (Fraser-Simson) (Col. DOX37).
8.8 : Male quartet—The Serenaders, "Thuringian Volkslied" (Abt).
8.12 : Selection—2YA Salon Orchestra (Conductor, Mr. M. T. Dixon), "Selection of Sanderson's Songs" (arr. Baynes).
8.22 : Soprano—Miss Gwladys Edwardes, with orchestral accompaniment, (a) "The Old Refrain" (Kreisler); (b) "On a Summer Day."
8.28 : Piano—Una Bourne, (a) "Polish Dance, Op. 3, No. 1" (Scharwenka); (b) "Rondo Alla Turca" (Mozart) (H.M.V. B2492).
8.34 : Baritone—Mr. H. F. Gardiner, (a) "The Sapphire" (Carse); (b) "The Opal" (Carse); (c) "Cloze Props" (Walseley Charles).
8.41 : Instrumental—2YA Salon Orchestra, "Three Dream Dances."
8.51 : Duet—Messrs. E. L. Howe and K. H. B. Strong, "April is a Lady."
8.54 : Band—H.M. Horse Guards Band, (a) "Knights of the King" (Grand Processional) (Ketelbey); (b) "Gallantry" (Ketelbey).
9.2 : Weather report and station notices.
9.4 : Russian folk song—2YA Salon Orchestra, "Black Eyes" (Hortlick).
Violin with orchestra—Mr. W. Haydock, "Chanson Meditation."
9.13 : Male quartet—The Serenaders, (a) "I Love a Lass" (Dyson); (b) "They Kissed" (Haw. y).
9.19 : Chorus—Light Opera Company, "Songs of England" (H.M.V. C2040).
9.23 : Soprano—Miss Gwladys Edwardes, with orchestral accompaniment, (a) "Wait" (D'Hardelot); (b) "Absent" (Metcalfe).
9.29 : Selection—2YA Salon Orchestra, "Bric a Brac" (Monckton).
9.39 : Bass—Mr. K. H. B. Strong, (a) "The Yeomen of England" (German); (b) "Harlequin" (Sanderson).
9.46 : Accordion—Jean Vaissade, (a) "The Secret of a Night" (Vaissade); (b) "Conscious" (Latoire) (Poly. 23616).
9.52 : Caprice—2YA Salon Orchestra, "Mariska" (Rapee); Latest Dance Novelties.
10.2 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—THURSDAY, SEPT. 17.

- 8.0 : Gramophone recital.
9.15 : Lecturette—"Use More Wool," prepared by the Home Science Extension Service, Otago University.
4.25 : Sports results.
5.0 : Children's hour, conducted by Ladybird and Uncle Frank.
6.0 : Dinner music session (Polydor)—
Dajos Bela Orchestra, "Fantasie Orientale" (Lange) (Parlo. A4003).
Ilja Livschakoff's Orchestra, "Somewhere a Voice is Calling" (23648).
Paul Godwin's String Quartet, "A Fragile Spring Has Blossomed Forth" (23374).
Paul Godwin's Orchestra, "Pritzel Dolls" (Rauls) (21712).
Bereny's Hungarian Gipsy Symphony Orchestra, "Tales from the Vienna Woods" (Strauss) (23691).
Great Symphony Orchestra, "Edmund Eysler's Operettas" Selection.
Ilja Livschakoff's Orchestra, "Volga—Russian Medley" (Livschakoff).
The Pozniak Trio, "Three Miniatures" Elegie (Juon) (62549).
Ilja Livschakoff's Orchestra, "The Rosary" (Nevin) (23648).
The Paul Godwin's Dance Orchestra, "Little Birds' Evening Song."
Edith Lorand's Orchestra, "After the Ball" Waltz (Harris) (Parlo.).
Bereny's Hungarian Gipsy Symphony Orchestra, "Original Hungarian Dance" (arr. Bereny) (23691).
Paul Godwin's Trio, "Largo" (Handel) (23374).
Ilja Livschakoff's Orchestra, "Troika—Russian Medley" (23373).
Balalaika Orchestra, "Auf Dem Wege Nach Petersburg" (R40090).
7.0 : News session.
7.30 : Talk—Mr. J. Deans, under the auspices of the New Zealand Forestry League, "Forestry."
8.0 : Chimes. Specially-recorded International Programme:
Dr. Eugene Ormandy and His Salon Orchestra.
International Singers.
Abroad with the Lockharts.
Weather forecast and station notices.
Talk—Mr. George Lawn, M.A., "Russia To-day."
Ambassadors of Melodyland.
Hywide and Handsome.
Nat Brusiloff and His Lido Venice Orchestra.
God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, SEPTEMBER 17. SILENT DAY.

Friday, September 18

1YA, AUCKLAND (875 KILOCYCLES)—FRIDAY, SEPTEMBER 18.

- 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)—
Philharmonic Orchestra, Berlin, "Les Huguenots" Overture (19898).
Paul Godwin's Quartet, "Beautiful Garden of Roses" (Schmid) (19532).
State Opera Orchestra, Berlin, "German Dances" (Schubert) (66458).
Polydor Symphonic Orchestra, "Hear You Again" Medley (19874).
Association des Concerts Lamoureux, Paris, "Petite Suite" (Debussy):
(1) En Bateau, (2) Cortege, (3) Menuet, (4) Ballet (66958-9).
Paul Godwin's Quartet, "Le Reve" (D'Ambrosio) (19532).
Philharmonic Orchestra, Berlin, "Emperor" Waltz (Joh. Strauss).
7.0 : News and market reports.
7.40 : Sports talk.
8.0 : Chimes. Overture—Berlin State Opera House Orchestra, "The Beautiful Galatea" Overture (Suppe) (Parlo. A4199).
8.9 : Bass-baritone—Mr. Geoffrey C. Laird, "The Fishermen of England," from "The Rebel Maid" (Phillips).
8.13 : March—Salon Orchestra (under direction of Harold Baxter), "Poupees Parisienne" (Mezzacapo); waltz, "Poupee Valsante" (Poldini).
8.20 : Humour—Mr. J. F. Montague, "A Pack of Cards" (arr. Montague).
8.30 : Hawaiian instrumental—Waikiki Hawaiian Trio, (a) "Bright Moon" (Roberts), (b) "Hiawatha Melody" (arr. Ingall), (c) "Hilo March" (Lillioalani).
8.40 : Songs at piano—Mrs. Thelma Brian, (a) "Suzanna's Squeaking Shoes" (Little), (b) "Play that Song of India Again" (arr. Whiteman).
8.46 : Organ—Leo Stin, "La Serenata" (Hitz) (Poly. 23166).
8.49 : Suite—Salon Orchestra, "Children's Suite" (Ansell): (a) "Doll Dance," (b) "In My Party Frock," (c) "A Bedtime Story," (d) "The Wicked Robbers," (e) "Shem, Ham, Japhet."
9.1 : Evening weather forecast and announcements.
9.3 : Selection—B.B.C. Wireless Symphony Orchestra, "H.M.S. Pinafore" Selection (Sullivan) (Reg. G30023).
9.11 : Bass-baritone—Mr. Geoffrey C. Laird, (a) "Roadways" (Lohr), (b) "Red Devon by the Sea" (Clark).
9.17 : Selection—Salon Orchestra, "Une Larme" (Moussorgsky): "Andelouse Jacquita" (Saenger); intermezzo, "Desir" (Fortoni); "Sweet Lavender" (Eliott).
9.30 : Humour—Mr. J. F. Montague, (a) "A Trifle," (b) "The Present Outlook" (Rutherford).
9.37 : Hawaiian instrumental—Waikiki Hawaiian Trio, (a) "Fua Carnation" (Awai), (b) "Aloha Sunset Land" (Kaweno), (c) "Three O'Clock in the Morning" (Robledo).
9.47 : Songs at the piano—Mrs. Thelma Brian, (a) "Rollin' Down the River" (Waller), (b) "Here in My Arms" (Rodgers).
9.53 : Morceau—Salon Orchestra, "Songe d'Enfant" (Marie); waltz, "Marsovia" (Belcher).
10.2 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—FRIDAY, SEPTEMBER 18.

- 10.0 : Chimes. Selected gramophone recordings.
11.12 : Lecturette—"Fashions."
12.0 : Lunch-hour music.
2.0 : Selected recordings.
3.30 and 4.30 : Sporting results to hand.
5.0 : Children's session, conducted by Uncle Jim.
6.0 : Dinner music session (Parlophone)—
Berlin State Opera House Orchestra, "Academic Festival" Overture (Brahms) (A4210); "From Foreign Parts": (1) Italy, (2) Germany (Moszkowski) (A4277).
Frank Westfield's Orchestra, "Lilac Time" Selection (Schubert-Berte).
Berlin State Opera House Orchestra, "Schwanda the Bagpipe Player."
Dajos Bela Orchestra, "Schatz Waltz" (Strauss) (A4110); "Mosaic—Potpourri" (Zimmer) (A4278).
Grand Symphony Orchestra, "The Land of Smiles" Selection (Lehar).
Berlin State Opera House Orchestra, "From Foreign Parts": (3) Spain, (4) Hungary (Moszkowski) (A3137).
Dajos Bela Orchestra, "Moonlight on the Alster" (Tetras) (A4110).
7.0 : News, market reports and sports results.
8.0 : Chimes. Overture—2YA Orchestra (Conductor, Signor A. P. Truda), "If I Were King" (Adams).
8.10 : Bass-baritone—Mr. Malcolm Miller, with orchestral accompaniment, (a) "Son o' Mine" (Wallace), (b) "Echo" (Somerset).
8.17 : Guitar orchestra—Mrs. Mildred Kenny's Guitar Orchestra, (a) "The West, a Nest, and You" (Toell and Hill), (b) "Wanganui Moon."
8.25 : Mezzo-soprano—Mrs. R. D. Potts, (a) "Three Green Bonnets" (D'Hardelot), (b) "My Tears and Thine" (Jensen).
8.31 : Selection—2YA Orchestra, "The Blue Kitten" (Friml).
8.40 : Entertainers—Dorrie and Laurie, (a) "The Bold Bad Lad from Bagdad" (Blight), (b) "Yaddie Kaddie Kiddie Kaddie Koo" (Mayer).
8.47 : Bass-baritone—Mr. Malcolm Miller, with orchestral accompaniment, "King Charles" (M. V. White).
8.51 : Guitar orchestra—Mrs. Mildred Kenny's Guitar Orchestra, (a) "When Your Hair has Turned to Silver" (Tobias and De Rose), (b) "The Voice of the Bells" (Thurhan).
9.0 : Evening weather report and station notices.
9.2 : Selection—2YA Orchestra, "Firefly" (Friml).
9.10 : Mezzo-soprano—Mrs. R. D. Potts, with orchestral accompaniment, (a) "Nightfall at Sea" (Phillips), (b) "Mifanwy" (Forster).
9.16 : Entertainers—Dorrie and Laurie, (a) "I Wonder Will She Love Me When I'm Old" (Carthy), (b) "There Ought to be a Law Against That" (Friend).
9.23 : Valse—2YA Orchestra, "Waltz Ballad" (Granien).

- 9.30: Dance music programme (Columbia)—**
 Foxtrots—Ben Selvin and His Orchestra, "Around the Corner" (Kassel) (DO175); Gil Dech and His Syncopators, "You Can't Be Unhappy If You Sing" (Barry) (DO186); Paul Specht and His Orchestra, "Santiago" (Stothart) (DO155); Stellar Dance Band, "Minnie's Yoo-Hoo!" (W. Stalling) (G20746).
- 9.42: Waltz—The Four Bright Sparks, "Eleanor" (McCarthy) (DO139).**
 Foxtrots—Van Phillips and His Band, "Just Like in a Story-Book" (McCarthy) (DO138); 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) (DO 89); Columbia Photo Players, "Leave It That Way" (Fisher) (DO 127); Ipana Troubadours, "Kickin' a Hole in the Sky" (Greer) (DO 89); Columbia Photo Players, "The Whole Darned Thing's for You" (Ahlert) (DO 127).**
- 10.8: Waltz—Frank Ferera's Hawaiian Trio, "Lazy Lou'siana Moon" (Reg.).**
 Foxtrots—Paul Specht and His Orchestra, "Into My Heart" (Ahlert) (DO155); The Four Bright Sparks, "High Society Blues."
- 10.15: Vocal—Cavan O'Connor, "The Sunshine of Marselles" (Gilbert) (Reg.).**
- 10.18: Foxtrots—The Columbia Photo Players, "The Free and Easy" (Ahlert) (DO80); Frank Ferera's Hawaiian Trio, "Pale Blue Waters" (Van Smith) (Reg. G20742); Stellar Dance Band, "The Toy Farmyard" (Weston) (Reg. G20746); Paul Whiteman and His Orchestra, "Livin' in the Sunlight" (Sherman) (07039).**
- 10.20: Waltz—Stellar Dance Band, "I Feel You Near Me" (McCarthy) (Reg. G20773).**
 Foxtrots—The Columbia Photo Players, "It Must Be You" (Turk) (DO80); Ben Selvin and His Orchestra, "With My Guitar and You" (Snyder) (DO175); 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) (G20773).
- 10.45: Vocal duet—Sweet and Low Duettists, "Just an Old Refrain" (Wynn).**
- 10.48: Foxtrots—Van Phillips and His Band, "I'm in the Market for You" (McCarthy) (DO138); 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" (O'Hagan) (DO84).**
- 11.0 God save the King.**

3YA, CHRISTCHURCH (980 KILOCYCLES)—FRIDAY, SEPTEMBER 12.

- 8.0: Gramophone recital.**
- 4.25: Sports results.**
- 5.0: Children's hour, conducted by Aunt Pat and Chuckie.**
- 6.0: Dinner music session (Columbia)—**
 Columbia Symphony Orchestra, "March of the Toys" (Herbert).
 Court Symphony Orchestra, "Destiny" Waltz (Baynes) (564).
 New Queen's Hall Light Orchestra, "Petite Suite de Concert": (a) "Un Sonnet d'Amour," (b) "La Tarantelle Fretillante" (02559).
 Columbia Symphony Orchestra, "The Flatterer" (Chaminade) (01371).
 Halle Orchestra, "Rosamunde Ballet Music" (Schubert): (a) Andantino, (b) Allegro Moderato and Andante (04200).
 J. H. Squire's Celeste Octet, "Memories of Mendelssohn" (02838).
 Berlin State Orchestra, "Wiener Blut" (Strauss) (04337).
 New Queen's Hall Light Orchestra, "Petite Suite de Concert" (Coleridge-Taylor): (a) "La Caprice de Nanette," (b) "Demande et Reponse" (02588).
 H.M. Grenadier Guards Band, "Martial Moments" (arr. Winter) (9065).
- 7.0: News session.**
- 7.30: Talk—Rev. F. T. Read (President of Returned Soldiers' Association), "The Work of the R.S.A."**
- 8.0: Chimes. Special programme produced by Major F. H. Lampen.**
 March—Royal Albert Hall Orchestra, "Pomp and Circumstance—March in D" (Elgar) (H.M.V. D1102).
 Chorus—Debroy Somers Band, "Old Contemptibles, Part 2" (Reg.).
- 8.12: Selection—National Symphony Orchestra, "Light Cavalry" (Suppe).**
- 8.22: Humour—Stanley Holloway, "Old Sam—Pick Up Tha' Musket" (Col.).**
- 8.26: Band—Black Diamonds Band, "Boys of the Old Brigade" (Zono. 5708).**
- 8.30: A short resume by the announcer of events leading up to the Battle of Waterloo on June 18, 1815.**
 Overture—Royal Opera Orchestra, "1812" Overture (Tchaikowsky).
- 8.38: "The Last of the Light Brigade" (arr. Lampen). Act 1: Mess of the non-commissioned officers of the Scots Guards. A company concert is in progress. The programme is of an impromptu nature and has been arranged in commemoration of the Battle of Waterloo.**
- 9.0: Evening weather report.**
 Act 2: Scene—A front room in a small house at Woolwich, London. Time—June of Year 1881.
 Act 3: Mess of non-commissioned officers of the Scots Guards. The impromptu Waterloo Commemoration programme is still in progress. The scene discovers the company of men singing in chorus, "For He's a Jolly Good Fellow."
- 10.0: Last Post and Reveille.**
 God save the King.

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

- 3.0 Selected recordings.**
- 5.0: Children's hour, conducted by Aunt Sheila.**

- 6.0: Dinner music session (Columbia)—**
 Bohemian Orchestra, "Love and Life in Vienna" (Komzac—arr. Renard).
 Organ—G. T. Pattman, "Alice, Where Art Thou?" (Trdtl.) (DO146).
 Berlin Philharmonic Orchestra, "Roses of the South" (Strauss).
 Band of H.M. Grenadier Guards, "Ivanhoe" Selection.
 Bohemian Orchestra, "Destiny Waltz" (Baynes) (Reg. 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) (DOX84).
 Plaza Theatre Orchestra, "Minuet" (Finck) (01439).
 Organ—G. T. Pattman, "Cinderella Waltz" (Pattman) (DO146).
 J. H. Squire's Celeste Octet, "Serenade" (Titl) (9116).
- 7.0: News session.**
- 8.0: Chimes. Overture—Albert Ketelbey's Concert Orchestra, "Chal Romano—Gypsy Overture" (Ketelbey) (Col. 02693).**
- 8.9: Male quartets—"Four Aces," "Opening Chorus" (Pettitt); "Honolulu Moon."**
- 8.16: Xylophone Mr. W. J. Sinton, (a) "Morning, Noon and Night" (Suppe); (b) "Aloha-oe" (trdtl.).**
- 8.23: Humour—Mr. James A. Paterson, (a) "Aye Idle" (McFarlane); (b) "In the Morning" (McLeod).**
- 8.30: Piano duet—Fairchild and Ranger, (a) "To Spring" (Grieg); (b) "Twinkletoes" (Potter) (Bruns. 3976).**
- 8.36: Violin—Ethel Wallace, "Bolero" (Bohm).**
- 8.40: Bass—Ace of Clubs, "Drinking" (trdtl.).**
 Male quartet—"Four Aces," "I Passed by Your Window" (Brahe).
- 8.47: Accordion—Mr. J. Dalbianco, "Popular Selection" (arr. Dalbianco).**
- 8.52: Tenor—Ace of Hearts, "Berwick Market" (Drummond).**
- 8.55: Cornet—Mr. G. Christie, "Concertante" (Hock).**
- 9.0: Weather report and station notices.**
- 9.2: Selection—New Mayfair Orchestra, "Sons o' Guns" (H.M.V. C1982).**
- 9.10: Male quartets—"Four Aces," (a) "Smilin' Thru" (Penn); (b) "We Laid Our Little One to Rest."**
- 9.15: Xylophone—W. J. Sinton, "Poet and Peasant" (Suppe).**
- 9.21: Baritone—Ace of Clubs, "The King's Courier" (Verne).**
- 9.24: Violin—Miss Ethel Wallace, "Hejre Kati" (Hubay).**
- 9.30: Male quartets—"Four Aces," (a) "Simple Simon"; (b) "Humpty Dumpty" (trdtl.).**
- 9.36: Cornet—Mr. G. Christie, (a) "Till the Sands of the Desert Grow Cold" (Ball); (b) "White Moon" (Matti).**
- 9.40: Humour—Mr. James A. Paterson, "I Love Bonnie Duncoon" (McLeod).**
- 9.43: Episode—Super-Cinema Orchestra, "Hush" (Douglas) (H.M.V. C1844).**
- 9.47: Accordion—Mr. J. Dalbianco, "Popular Selection" (arr. Dalbianco).**
- 9.52: Male quartets—"Four Aces," (a) "The Song is Ended" (arr. Pettitt); (b) "Closing Ode" (Kirk-Burnnand).**
- 9.57: Marches—Walter B. Rogers and His Band, (a) "Manhattan Beach," (b) "High School Cadets" (Souza) (Bruns. 20054).**
- 10.1: God save the King.**

Saturday, September 19

- 1YA, AUCKLAND (875 KILOCYCLES)—SATURDAY, SEPTEMBER 19.**
- 8.0: Relay from Eden Park of running description of Representative Rugby Match, "Wellington v. Auckland."**
- 5.0: Children's session, conducted by Cinderella.**
- 6.0: Dinner music session (H.M.V.)—**
 H.M. Coldstream Guards Band, "Wedding of the Rose" (Jessel).
 Vienna Philharmonic Orchestra, "Dorfschwalben Waltz" (Strauss).
 Instrumental trio—Fritz and Hugo Kreisler and M. Rauchsien, "Syn-copation" (Kreisler) (DA961).
 Organ solo—Jesse Crawford, "Serenade" (Friml) (EA638).
 International Novelty Orchestra, "Four Little Farms" (Zono. BE182).
 Coldstream Guards Band, "Suite Francaise" (Foulds) (B2751/2).
 De Groot and His Orchestra, "Samson and Delilah" Selection (1879).
 Marek Weber and His Orchestra, "Cavalleria Rusticana" Selection.
 Organ solo—Jesse Crawford, "Indian Love Call" (Friml) (EA638).
 Instrumental trio—Fritz and Hugo Kreisler and M. Rauchsien, "Marche Miniature Viennois" (Kreisler) (DA961).
 De Groot and His Orchestra, "Louise" Selection (Charpentier).
 International Novelty Orchestra, "To Die Dreaming" (Zono. BE182).
- 7.0: News and market reports.**
- 7.40: Talk, under the auspices of the Auckland Horticultural Society, in conjunction with the N.Z. Institute of Horticulture—Mr. George Mills, "Vegetables."**
- 8.0: Relay from the Auckland Town Hall of Concert by the City of Auckland Municipal Band, under the conductorship of Mr. George Buckley.**
 March medley—The Band, "Martial Moments" (first performance) (Winter); overture, "Nabuccodonosor" (Verdi).
 Tenor—Mr. Tim Moffitt, "Angels Guard Thee" (Godard).
 Flute and cornet—Messrs. Hal C. McLennan and Fred Bowes, "Susser Sehenan" (Menzel).
 Incidental music—The Band, "Monsieur Beaucaire" (Rosse); (1) The Intermezzo, (2) Leit Motif, (3) Gavotte, (4) Chant des Voyages, (5) Music of the Love Scene, Act 3, (6) The March Theme.
 Soprano—Miss Adele Taylor, "Orpheus With His Lute" (Sullivan).
 Symphony—The Band, (a) "Andante Cantabile," (b) "Valse Allegro Moderato" (Tchaikowsky).

Tenor—Mr. Tom Moffitt, "Sometime in Summer" (Sterndale Bennett).
 Xylophone—Mr. Rowland Jackson, "Silver Stars" (Barsotti).
 Caprice—The Band, "The Squirrel Dance" (Smith).
 Flute—Mr. Hal C. McLennan, "Carnival of Venice" (Garaboldi).
 Soprano—Miss Adele Taylor, (a) "Robin Adair" (trdth.); (b) "Fairly Pipers" (Boosey).
 Romance—The Band, "Romance of the Prairie Lilies" (Coleridge Taylor); march, "Dunedin" (Alford).

10.0 : Dance music (Columbia)—

Foxtrots—Jack Payne and His B.B.C. Dance Orchestra, "Beware of Love" (Kernell) (DO228). Van Phillips and His Band, "Always in All Ways" (Robin) (DO259); "Why am I so Romantic?" (Kalmar) (DO271); "Beyond the Blue Horizon" (Robin) (DO259).

10.12 : Waltz—Will Osborne and His Orchestra, "Down the River of Golden Dreams" (Klennner) (DO158).

Foxtrots—Jan Garber and His Orchestra, "When a Woman Loves a Man" (Rainger) (DO88). Denza Dance Band, "Loving You" (Yellen) (Reg. G20918). Fred Rich and His Orchestra, "If I'd Only Listened to You" (Wendling) (DO272).

10.24 : Vocal duet—Layton and Johnstone, "Dancing with Tears in My Eyes."

10.27 : Foxtrots—Rhythmic Troubadours, "You're the Sweetest Girl" (Lombardo) (G20757). Guy Lombardo and His Royal Canadians, "Where the Golden Daffodils Grow" (Archer) (DO128).

Waltz—The Cavaliers, "The Kiss Waltz" (Burke) (DO272).

10.36 : Foxtrot—Johnny Walker and His Rollickers, "Betty Co-ed" (Fogarty).

10.39 : Vocal duet—Layton and Johnstone, "Watching My Dreams Go By."

10.42 : Foxtrots—Will Osborne and His Orchestra, "The Song Without a Name" (Russell) (DO158). Guy Lombardo and His Royal Canadians, "Under a Texas Moon" (Perkins) (DO88); "Good Evenin'" (DO271).

10.51 : Waltz—The Cavaliers, "All Through the Night" (Yorke) (DO271).

Foxtrots—Guy Lombardo and His Royal Canadians, "Be Careful With Those Eyes" (Woods) (DO228). Chester Leighton and His Sophomores, "Sweetheart of My Student Days" (Kahn) (Reg. G20918).

11.0 : Summary of the day's sports events.

11.10 : God save the King.

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

3.0 : Relay of Rugby football match from Athletic Park.

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

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 Barbirolli's Chamber Orchestra, "A Little Night Music" Senerade

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

Marek Weber and His Orchestra, "La Tosca" Potpourri (Puccini).

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, market reports and sports results.

7.40 : Lecture—Dr. R. M. Campbell (recently returned to New Zealand after four years' study and travel abroad), "Denmark and New Zealand."

8.0 : Chimes. Selection—Finck's Orchestra, "Gaiety Echoes."

8.8 : Baritone—Mr. W. E. Crewes, with orchestral accompaniment, (a) "What The Red Haired Bosun Said"; (b) "Topsail Halyards."

8.14 : Banjo trio—Savoy Banjo Trio, (a) March—"Beat As You Go"; (b) Medley, "A Swanee Sing Song" (Grimshaw).

8.20 : Humour—Mr. Len Ashton, "The Musical Motorist" (Newman).

8.25 : Suite—2YA Salon Orchestra, (Conductor Mr. M. T. Dixon) "Suite Vive La Danse" (Finck).

8.35 : Songs at the piano—Miss Muriel Johns, (a) "Here In My Arms"; (b) "Say Hello To The Folks Back Home" (Lombardo).

8.41 : Humour—John Henry and Gladys Horridge, "Over The Garden Wall."

8.47 : Tenor—Mr. Terence O'Brien, with orchestral accompaniment, (a) "Little Town in the Old County Down" (Monte Carlo and Sanders), (b) "The Rose of Tralee" (Glover).

8.53 : Violin with orchestra—Mr. W. Haydock, "Scene De La Czardas."

Novelty—2YA Salon Orchestra, "Marionettes" (Felix).

9.2 : Evening weather report and station notices.

9.4 : Bird whistling—Margaret McKee, "The Bird at the Waterfall."

9.7 : Humour—Mr. Len Ashton, "(Hic) 'Stornary" (Burnaby).

9.12 : Banjo trio—Savoy Banjo Trio, (a) March—"Happy Go Lucky"; (b) Medley, "Snatches of Song" (Grimshaw).

9.20 : Baritone—Mr. W. E. Crewes, with orchestral accompaniment, (a) "The Fortune Hunter" (Willeby), (b) "The Yeoman's Wedding Song."

9.26 : Selection—2YA Salon Orchestra, "Maytime" (Romberg).

9.36 : Song at the piano—Miss Muriel Johns, "Rollin' Down the River."

9.40 : Accordion—Rene Leroux and His Bal Musette Orchestra, (a) "The Bride"; (b) "Philadelphia" (Engel) (Polydor 23753).

9.46 : Tenor—Mr. Terence O'Brien, (a) "Molly Brannigan" (Villiers Stanford); (b) "I Hear You Calling Me" (Marshall).

9.52 : Descriptive—2YA Salon Orchestra, "Ripples" (Lowitz); Latest Dance Novelties.

10.1 : Dance programme (Brunswick)—

Foxtrots—Jacques Renard and His Orchestra, "He's My Secret Passion" (Valentine) (X4978); Ben Bernie and His Orchestra, "One Little Raindrop" (Richman) (6062X); Hal Kemp and His Orchestra, "Would You Like To Take a Walk?" (Dixon) (6048X).

10.9 : Waltz—Regent Club Orchestra, "Broken Hearted" (Kenny) (6062X). Foxtrots—Tom Gerun and His Orchestra, "Cheerful Little Earful" (Gershwin) (4971X); Emil Coleman and His Orchestra, "Isabel" (Caesar) (41286); "Overnight" (Rose) (4971X).

10.21 : Vocal—Bing Crosby, "Out of Nowhere" (Heyman) (6089).

10.24 : Foxtrots—Ozzie Nelson and His Orchestra, "Do I Really Deserve It From You?" (Clare) (6060); Emil Coleman and His Orchestra, "Oh Donna Clara" (Caesar) (41286); Ozzie Nelson and His Orchestra, "Dream a Little Dream of Me" (Kahn) (6060).

10.33 : Waltzes—Jacques Renard and His Orchestra, "Reaching For The Moon" (Berlin) (6021X); Emil Coleman and His Orchestra, "Heavenly Night" (Eliscu) (6037).

10.39 : Foxtrots—Loring "Red" Nichols and His Orchestra, "Were You Sincere" (Meskill) (6079); Noble Sissle and His Orchestra, "Got the Bench—Got The Park" (Lewis) (6077); Loring "Red" Nichols and His Orchestra, "Teardrops and Kisses" (Kenny) (6070).

10.48 : Vocal—Bing Crosby, "If You Should Ever Need Me" (Dubin) (6090).

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

11.0 : Sporting summary.

11.10 : God save the King.

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

3.0 : Relay of football match.

4.25 : Sports results.

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

6.0 : Dinner music session (Polydor)—

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

Paul Godwin's Orchestra, "The Roses' Bridal Procession" (Leon Jes-

sel) (19651); "Oh This Beautiful Springtime" (Lincke) (19661).

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

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

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

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

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

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

7.0 : News session.

7.30 : Sports results.

8.0 : Chimes. Fantasia—Paul Godwin's Orchestra, "Marietta" (Strauss).

8.8 : Baritone—Mr. Eddie A. Dowell, "Song of the Aviator" (Benzoni).

8.12 : Hawaiian Steel Guitars and Ukulele—Hilo Harmony Four, (a) "That Old Love Song" (Franklin), (b) "Hawaiian Memories" (Costello and Heagney), (c) "Aloha-Oe" (Berger).

8.21 : Male quartet—Gresham Singers, "Sweet Kilty Clover" (Hewitt).

8.24 : Waltz—Christchurch Salon Orchestra, (a) "Magic of Love" (Vanis); (b) "Three Fours" (Col-Taylor).

8.34 : Contralto—Mrs. D. W. Stallard with orchestral accompaniment, "Happy Song" (Del Riego).

8.38 : Selection—Frank Westfield's Orchestra, "Our Miss Gibbs."

8.44 : Conjuring—Mr. L. T. J. Ryan, "Tricks and Teases" (arr. Ryan).

8.49 : Saxophone—Feith and Kleinath, "Souvenir" (Zakrgevsy).

9.3 : Evening weather forecast and station notices.

9.5 : Selections—Christchurch Salon Orchestra, (a) "Pale Moon" (Logan), (b) "Nola" (Arndt).

9.10 : Baritone—Mr. Eddie A. Dowell with orchestral accompaniment, "A Gipsy Love Song" (from "The Fortune Teller") (Herbert).

9.14 : Hawaiian steel guitars and ukulele—Hilo Harmony Four, (a) "Moonlight on the Colorado" (Moll and King), (b) "You'll Never Know Sweetheart" (Kirkeby and Coby).

9.20 : Contralto—Mrs. D. W. Stallard with orchestral accompaniment, "Wa-ta Maori" (Hill).

9.24 : Piano—Patricia Rossborough, "You Wouldn't" (Rossborough).

9.28 : Sketch—The Mascots, "Swamped" (Carleton and Manley).

9.48 : Saxophone—Rene Dumont, "Saxophobia" (Wiedoeft) (Poly. 21944).

9.51 : Novelty orchestra—Christchurch Salon Orchestra, "Novelty Descriptive Orientale Fantasia—Yishma El" (Jalowicz).

10.0 : Dance music (Polydor)—

Foxtrots—Ilja Livschakoff's Dance Orchestra, "And Swiftly the Days Pass By" (arr. Benedict) (23482); "The Gipsy Princess" (Kalmar) (23610); "Munich Kiddy" (Stolz) (23401).

10.9 : Waltz—Ilja Livschakoff's Dance Orchestra, "My Love Song Must Be a Waltz" (Stolz) (23649).

Foxtrots—Paul Godwin's Dance Orchestra, "Say That You Love Me" (Uher) (23650); Ilja Livschakoff's Dance Orchestra, "The Whole World is Sky Blue" (Stolz) (23649).

10.18 : Vocal (Spanish)—Juan Llossas with His South American Orchestra, "La Cigarra" (Paredes) (P40488).

10.21 : Tangos—Ilja Livschakoff's Dance Orchestra, "Don't Leave Me!" (arr. Benedict) (23482); "To-night I've Dreamt of You" (Kalmar) (23610); "You Are My Morning And Night Prayer" (Krauss).

10.30 : Waltz—Paul Godwin's Dance Orchestra, "Under the Roofs of Paris."

Foxtrots—Paul Godwin's Dance Orchestra, "Fair Little Daisy" (Willi Kollo) (23651); Ilja Livschakoff's Dance Orchestra, "Love and Wine Never Alone" (Krauss) (23569); "The Barrel Organ."

10.42 : Vocal (Spanish)—Juan Llossas with his South American Orchestra, "Sonare Abandonado" (Paredes-Tarfe) (P40488).

10.45 : Tangos—Ilja Livschakoff's Dance Orchestra, "A Love Letter" (arr. Michaeloff) (23481); "Just a Bit of Love" (Rosen) (23547); "And Once You Too Will Deceive Me" (Stolz) (23578).

- 10.54: Foxtrots—Ilja Livschakoff's Dance Orchestra, "You Are My Greta Garbo" (Stolz) (23401); Paul Godwin's Dance Orchestra, "Mariner's Song" (Uher) (23650).
 11.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, SEPTEMBER 19.

- 3.0 : Relay of Association Football Match from Logan Park, Dunedin.
 5.0 : Children's hour, conducted by Aunt Anita.
 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) Entree Mazurka, (2) Pizzicati, (3) Valse Lente, (4) Largo, (5) Final Galop (19485-6); "Avant de Mourir" (Boulanger) (21407).
 The Eastbourne Municipal Orchestra, "Tarantelle" (Saint-Saens).
 Paul Godwin's Orchestra, "Coppelia Ballet Fantasy" (Delibes) (19505).
 State Opera Orchestra, Berlin, "Othello Ballet" (Verdi) (66454);
 Paul Godwin's Quintet, (a) "Popular Song," (b) "Tale" (Komzak).
 7.0 : News and sporting results.
 8.0 : Chimes. Relay of vaudeville programme from 3YA, Christchurch.
 10.0 : Dance music programme (Brunswick)—
 Foxtrots—Colonial Club Orchestra, "Out of Breath" (Mercer) (4848);
 Andy Kirk and His Twelve Clouds of Joy, "Sweet and Hot" (Freeman) (4878); Colonial Club Orchestra, "I Am Only Human After All" (Gershwin) (4848); Tom Clines and His Music, "Bye Bye Blues" (Bennett) (4864).
 10.12: Waltz—Castlewood Marimba Band, "Waiting for You" (Green).
 Foxtrots—Colonial Club Orchestra, "Hittin' the Bottle" (Koehler) (4858); Ben Bernie and His Orchestra, "Highway to Heaven."
 10.21: Vocal—Allen McQuhae, "At the End of a Cobblestone Road" (Sanders).
 10.24: Foxtrots—Anglo-Persians, "In Memory of You" (Dubin) (4866); Ben Bernie and His Orchestra, "Love Comes in the Moonlight" (Dubin) (4850); Colonial Club Orchestra, "How Are You To-night in Hawaii?" (Leslie) (4866).
 10.33: Waltz—Ray Miller and His Orchestra, "Beneath Montana Skies."
 Foxtrots—Isham Jones's Orchestra, "Miss Hannah" (Redman) (4868); Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "Here Comes the Sun" (Freed) (4861).
 10.42: Vocal—Allen McQuhae, "The Dawn Brought Me Love and You" (4711).
 10.45: Foxtrots—Abe Lyman and His California Orchestra, "If You're Not Kissing Me" (Freed) (4891); Tom Gerun and His Orchestra, "Sittin' on a Rainbow" (Yellen) (4865); Castlewood Marimba Band, "Lo Lo" (Feist) (4842).
 10.54: Foxtrots—Colonial Club Orchestra, "Out of a Clear Blue Sky" (Koehler) (4858); Tom Clines and His Music, "I'm Needin' You."
 11.0 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SATURDAY, SEPT. 19.

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

Sunday, September 20

1YA, AUCKLAND (875 KILOCYCLES)—SUNDAY, SEPTEMBER 20.

- 3.0 : Chimes. Selected recordings and relay of portion of Organ Recital given by the City Organist, Mr. Maughan Barnett, in the Town Hall.
 6.0 : Children's song service, conducted by Uncle Leo.
 7.0 : Relay of evening service from the Church of Christ, West Street. Preacher, Pastor W. Campbell.
 8.30 (approx.): Overture—National Symphony Orchestra, "Die Fledermaus" (The Bat) (Strauss) (Zono. EF 25).
 Tenor—Mr. Arthur Ripley, with orchestral accompaniment, (a) "There is a Flower that Bloometh" (from "Maritana"—Wallace), (b) "Beyond the Night" (Neade).
 Selection—Salon Orchestra, under direction of Harold Baxter, "Hungarian Dance No. 4" (Brahms); Ballet, "Dance of the Hours."
 Soprano—Miss Bessie Faulkner, "Vain is Beauty" (Arne).
 Evening weather forecast and announcements.
 Suite—Salon Orchestra, "Peer Gynt Suite No. 2" (Grieg): (a) "Ingrid's Lament," (b) "Arabian Dance," (c) "Stormy Evening," (d) "Solveig's Song."
 Tenor—Mr. Arthur Ripley, "Adelaide" (Beethoven).
 Violin—Fritz Kreisler, (a) "Schon Rosmarin" (Kreisler), (b) "Rondino" (Beethoven-Kreisler) (H.M.V. DA 1044).
 Selection—Salon Orchestra, "Frühling Serenade" (Drdla); waltz, "Dornroschen" (Tschaiowsky).
 Organ—Quentin Maclean, "Merchant of Venice" Incidental Music (Rosse): (a) "Prelude No. 1," (b) "Intermezzo—Portia," (c) "Oriental March" (Col. 02796).
 Soprano—Miss Bessie Faulkner, (a) "Cuckoo Song" (Quilter), (b) "An Old-Word Serenade" (with violin obbligato) (Meyer-Helmund).
 Dance—Salon Orchestra, "Tanz Humoreske" (Palmgren); selection, "Echoes from the Volga" (Seredy).
 10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, SEPTEMBER 20.

- 2.45: Relay from Town Hall of Y.M.C.A. Youth Rally.
 6.0 : Children's song service, conducted by Uncle George, and assisted by the children's choir from the Kent Terrace Presbyterian Church.
 7.0 : Relay of evening service from St. John's Presbyterian Church. Preacher, Rev. J. R. Blanchard; Organist and Choirmaster, Mr. C. W. Kerry.
 8.15 (approx.): Relay from the Grand Opera House of concert by the Port Nicholson Silver Band (Conductor, Mr. J. J. Drew).
 God save the King.

3YA, CHRISTCHURCH (930 KILOCYCLES)—SUNDAY, SEPTEMBER 20.

- 3.0 : Gramophone recital.
 5.30: Children's song service by children of Anglican Sunday Schools.
 6.15: Chimes from studio.
 6.30: Selected recordings.
 7.0 : Relay of evening service from Christchurch Cathedral. Preacher, Very Rev. Dean Julius. Organist and Musical Director, Dr. J. C. Bradshaw.
 8.20 (approx.): Relay of programme from 4YA, Dunedin.
 10.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, SEPTEMBER 20.

- 3.0 : Afternoon session.
 5.30: Children's song service, conducted by Big Brother Bill.
 6.15: Selected recordings.
 6.45: Relay of evening service from Salvation Army Citadel, Dowling Street, Dunedin. Preacher, Adjutant Tong.
 8.15: Programme by the St. Kilda Band (under Mr. James Dixon) and 4YA artists.
 March—The Band, "The Challenge" (Calvert); waltz, "Sylvan Echoes."
 8.27: Coloratura soprano—Madame Margherita Zeland, (a) "Just for Today" (Seven); (b) "Im Quelle Trine Morbide" (Puccini).
 8.34: Violin—Maitland McCutcheon, (a) "Loure" (Bach); (b) "Ave Maria."
 8.42: Bass—Mr. Wilfred Kershaw, "The Crown of the Year" (Martin).
 8.46: Symphonic poem—The Band, "Coriolanus" (Cyril Jenkins).
 8.57: Contralto—Mrs. B. C. Roberts, "Feast of Lanterns" (G. Bantock).
 9.0 : Evening weather report and station notices.
 9.2 : Male choir—London Male Voice Octet, "The Keys of Heaven."
 9.6 : Tenor—Mr. G. Crawford, (a) "The English Rose" (German); (b) "March of the Cameron Men" (trdli).
 9.12: Tenor horn polka with band accompaniment—Mr. W. Smith, "Iona."
 9.17: Coloratura soprano—Margherita Zeland, (a) "Song of the Open" (La Forge); (b) "Oh Quante Volte" (Bellini).
 9.24: Overture—The Band, "Semiramide" (Rossini).
 9.33: Bass—Mr. Wilfred J. Kershaw, (a) "Bonnie Dundee" (Scottish Air); (b) "Drink to Me Only with Thine Eyes" (Quilter).
 9.40: Violin—Maitland McCutcheon, (a) "Rigaudon" (Moussigney); (b) "Liebsfreud" (Kreisler).
 9.45: Contralto—Mrs. B. C. Roberts, (a) "Adrift" (Granville Bantock); (b) "Lullaby" (Brahms).
 9.50: Brass quartet—Members of the Band, "Comrades in Arms."
 9.56: Tenor—Mr. G. Crawford, "Open the Gates of the Temple" (Knapp).
 9.59: Male choir—London Male Voice Octet, "Studies in Imitation."
 10.3 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, SEPTEMBER 20.

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

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Telegraph: "Fear."

"Interlude"

(Continued from page 3.)

God, we have the sense to grasp our happiness instead of doing the usual thing and—(scornfully)—"sacrificing our love rather than our honour," and all



Listeners will be interested to learn that, under the auspices of the Society of Professional Musicians of Otago, Signora Martinelli-Reggiardo will present, on Wednesday, September 16, a novel and delightful lecture-recital from 4YA. This programme will be entitled: "Italy. Land of Song," and music lovers are assured of an interesting entertainment. In collaboration with Signor Giovanni-Stella—a distinguished exponent of the Italian vocal style—Signora Martinelli-Reggiardo has explored the rich field of popular melodies with which Italy abounds, and has arranged a programme of story and song which will transport listeners to that land of music and romance.

the other eyewash that cloaks a coward's heroics!

Mrs. C.: You are talking like an adolescent schoolgirl, Zetta—the same cant and blatant creed of freedom and self-expression which is simply another word for selfishness. [Rises, puts glass on table, and walks up and down in front of windows.] "You love Peter too much to give him up! Bah! You make me sick! You mean you love yourself too much to forgo this little drama of which you have made yourself the poor misjudged long-suffering heroine. [As Mrs. B. starts to interrupt angrily.] Oh, I know how nice it feels to be the wronged woman condemned by all but her lover, hugging to herself the smug satisfaction of her own righteousness and breadth of vision—makes you feel infinitely superior to their snubs and mud-slinging, doesn't it? Well, listen to me. If you go away with Peter you are not going wrapped in the comfortable glow of your own opinion of yourself; you're going to take away with you somebody else's picture of you, and it's not one you'll like, either. You love Peter! You have no conception of the first thing

about love. Not once have you given Peter a thought in your sweeping statements—"My love!" "Our love!" Have you ever heard of a word called sacrifice? What sort of a companion and lover do you think you'll make for Peter twenty years hence when he's in his prime and you are an old woman? Oh, but that doesn't matter, does it?—(very sarcastically)—"Live for to-day," or "Our love will tide us over that." (Ceases walking up and down.) Well, it won't, and if you think I'm going to sit down and watch my boy's happiness stolen from him by a woman who can't and won't see what a crime she is committing, you're a bigger fool than I thought you were!

Mrs. B.: That's enough, Mary! You are wasting your breath. If you think all that you have said is a revelation to me, you are making a big mistake. I am not a fool! Do you suppose I haven't thought and thought till my head ached? I knew when I made up my mind to go ahead with this that people would say and think as you are saying. But I must confess I had hoped you would rise above such platitudes. Your fears for Peter are only natural, but they are entirely unnecessary. Our love is based upon the soundest and most ideal conception of love. We have everything in common—a love of art, music and nature, and our opinions on vital subjects do not clash; therefore our companionship is assured. Peter's love is of the romantic kind, and is less likely to be bruised by me than by some blundering girl of his own age. He is sensitive, and needs someone on whom he can lean. My love for him is largely material. It will protect and cherish him where a younger love would possibly destroy so much that is rare and delicate in his nature. You speak of love as if it can only be manifested by suicide on its own altar. I believe that love and sacrifice can work together. If your conception of love is the immediate renunciation of itself if it just happened to place you in an awkward predicament, then you have never known love! Your fanatical raving is simply the outpouring of a jealousy which seeks to deprive me of that which you have never known, that is the love of a friend, a lover, and a son, in the love of one man.

Mrs. C. (walking away from window and approaching Mrs. B. centre stage—her voice quivers with anger, but both women are striving hard to keep control of themselves): You blind fool! What right have you to delude yourself into believing that you are the only woman

who has been faced with a similar situation, just because we do not all adopt the same melodramatic solution as you? You force me to tell you things, which for your sake I never meant to say. For Peter's sake I must do all I can, even to laying bare such memories as you will scoff at. Five years before you came to India, when I had been married eight years, I met a man who meant everything to me—all that you claim Peter means to you. I was only 25 then. I had married when I was only 17 and had never known more than affection and gratitude toward my husband. This new power, which we both fought at first, swept me right off my feet, and I hovered, blinded by the glory of such happiness as I had never known existed. If we had so chosen, we could have done as you propose doing to-day. We could have taken our happiness—counted the world well lost—we were self-sufficient to each other. Together we could have sought and conquered new worlds—and the price would have been paid by others suffering—not ours—a career ruined. What did that mean then? My husband's life broken, my babies left motherless, brothers, sisters, parents, friends—the circle of those who would have suffered for us was never ending. But don't you think I could have shut my eyes to all that just as you are doing? And I at least was giving my man the youth he had the right to expect. But something—how, or why I stopped God knows. I was no saint; in fact, many would condemn my action and praise yours. Something made me realise what it would all mean. (Softly): It seemed to me like throwing a stone into a still pool of water—the circles spread out wider and wider till that one small splash disturbs the whole pool. So it seemed to me that we could not mould our lives as we wished without affecting the lives of so many others, and so—(pauses, then slowing, as though relinquishing a sad memory)—I let him go.

Mrs. B. (sitting down in wicker chair again and crossing her legs, with condensation): A very sad little incident, Mary! I never imagined you had this little life tragedy up your sleeve. What a pity you don't write a book about it. Think of the moral it would point out for those hovering on the brink of the same mistake. "And Mary went back to her husband and they lived happily ever after"! Have you lived happily ever after, Mary? But, of course, how silly of me—sacrifice not happiness is our goal! (Laughing forcedly): Oh no, my dear, You cannot put me off by appealing to my sentiment. Frankly, I consider you acted like a weak fool. It is not my idea of courage to shirk the issues and return to your husband with nothing but a washed-out memory and thoughts of what might have been. But we are wasting time.

Mrs. C.: You are quite right. I see only too well I have wasted time by appealing to you. Very well, you shall hear

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WELLINGTON

Day and Night Service



all of it. You think I shirked the issues—returned home with nothing but regrets and faded memories. (Very abruptly): Have you ever thought why I named my son Peter?

Mrs. B.: What do you mean?

Mrs. C. (walks over to sideboard, takes cigarette, toys with it in hand and walks slowly back towards Mrs. B.): Have you ever stopped to think why Peter's youth and his eagerness—sensitiveness, all the traits which draw you to him—appeal to you so very strongly? You say your love for him is largely material. That, perhaps, is quite natural seeing that he is, in a sense, your step-son.

Mrs. B. (laughing hysterically): Really, Mary, you must be losing your reason!

Mrs. C. (slowly and with emphasis): The only sentiment I allowed myself, once that episode in my life was closed, was in calling my son Peter—"Simon called Peter."

Mrs. B.: Simon! Peter! You mean Simon, my husband. It's a lie—a dirty lie to kick me into giving him up! (Rises.)

Mrs. C.: I have told you that which I vowed to myself should be dead and forgotten for ever. Now do you understand how impossible it all is?

Mrs. B.: Does Simon know?—or Peter?

Mrs. C.: No. That was the price I had to pay, and I did not choose to share my suffering even with him.

Mrs. B.: And do you mean to say you have the impertinence to stand there and criticise my morals, hold yourself up as an example of what I should do, when you yourself had not the courage to do one thing or the other. You hadn't the guts to stick by either of them, and now you try to preach your gospel of selfishness to me. Oh, I know I'm speaking like a Billingsgate fish-wife: I don't care. You needn't look so horrified just because I'm telling you the truth. We're not

discussing any drawing-room topic. I'm telling you as plainly as I can that I despise you, and your smug hypocrisy, and I'm ashamed to have ever had you for my friend!

Mrs. C.: You need not bother to explain any more. I'm sorry if that is how you see it. I thought you would have a little more tolerance. You see, Zetta, you and I judge things from a very different standpoint. You condemn me for not daring to break the shackles of convention, but you, after all, are far more conventional (if we must judge conventionality a sin!). You are just doing what every cheap publicity-sodden film star and loose-brained seeker after fresh sensations has done for the past century, and you think it's something fine, and noble, and courageous... (wearily)—Well, I've done all I can—you must do as you wish, but for God's sake try to get a sense of true values. Fidelity for the mere sake of fidelity is of no more value than being honest because you are afraid of the policeman round the corner. It is only of value if it is prompted by a desire springing up deep within you to be faithful or to be honest. I never once sinned against those inner feelings, and I can conceive no higher law than that set by our conscience. I gave Simon up, not because I felt it a sin to break my marriage vows, but because I felt I was committing a crime of extreme selfishness in sacrificing those who loved and depended upon me, for the sake of our happiness. You say I betrayed my husband. How could I betray him by giving away that which he had never had? We cannot parcel out our love and hate as suits us, and all I could do was to give freely when love came to me, and yet respect the claims of those who needed me. I caused none but myself any suffering through what I gave, and once my mind was made up I devoted my life to my children and my husband, and he never knew, and no one ever guessed that Simon had ever meant anything to me.—(Sighs.)—God knows I suffered. Through force of circumstances we had to meet frequently as friends, and when you brought him to me as your fiancée I thought surely this must be the last cruel twist of fate, and I prayed I might be guided to do the best for us all and never let you suffer for what had passed. But it seems forces over which we have no control tear asunder our plans and play havoc with our dreams. There is no end to the misery we weave for ourselves. You must take the only thing that held some meaning for that past for me—you, of all women, must rob me of Peter!

Mrs. B.: Of all the hypocritical statements! I suppose you're hinting I robbed you of Simon? Well, it's thanks to you I ever met him, and as for your grief at my marrying him, why you were the one to shower blessings on us and get us married as soon as you could! Pretty scene! My wedding taking place at the home of my husband's former mistress! I suppose you thought it would be more convenient to have him married to your best friend. Gave you an excellent excuse to see plenty of him!—(raising her voice hysterically)—I've listened to enough of your abuse—I'm going! (Starts walking determinedly to exit.) By the way—(mockingly)—when our divorce is through, you're welcome to Simon, but see you don't let him go this time!

(Mrs. C. shrugs her shoulders hopelessly. As she turns telephone bell rings sharply. Mrs. C. moves to answer it, but Mrs. B. swings round from archway and snatches the phone before Mrs. C. gets there.)

Mrs. B. (breathlessly): That will be for me! I told Peter I should be here between four and five if he wanted to send a message.

(She listens. Mrs. C. moves to mantlepiece and remains standing.)

Mrs. B.: Yes, yes, this is Kurali 31. Yes, Mrs. Brodie speaking. All right, I'll hang on! (Waits a few seconds. Voice

changes.) Hello! Is that, you darling? What? I can't hear— You think what? Booked for where? America? But we're going home. Booked a passage for one! I don't understand—what? You've thought it over and realise what? Yes, yes. I know all that—(slowly, with amazement)—too big a sacrifice for me! Can't hurt Mary and Simon! (Puts on receiver, laughing hysterically.) Oh, my God, that's funny! (Turning, stunned, to Mrs. C.) D'you hear that, Mary? Can't hurt you and Simon! Too big a sacrifice for me! You and your Peter! Oh, how funny. (Grope her way out blindly, laughing hysterically and muttering "Peter, too!" "Not fair to Mary and Simon!")

Mrs. C., tired and dazed, walks from centre stage across to sofa. As she passes she picks up goliwog. She sits on sofa and gazes at photo as in a trance. She clasps the goliwog to her breast and rocks it as a mother does her child—slowly sobs come. A little time passes. Off-stage a motor-horn and sounds of activity are heard. Slowly with a sigh of relief she puts the goliwog down. As she rises the effort of getting hold of herself is apparent.

Mrs. C. (sternly, loudly): Boy! Pull that damned punkah!

(The punkah swings to life once more, and Mrs. C. is seen to walk toward doorway as the curtain falls.)

Radio "Stars"

Huge Salaries

PROGRAMME sponsors in the United States seem to be as lavish as film companies once were in the salaries they pay to star artists. As there exists no basis of estimating actual monetary worth, entertainers of fame are reaping a rich harvest. Salaries have been pushed up to record heights and, as a consequence, broadcast advertising is costing far too much.

To combat this situation, thirty prominent advertisers met recently in New York. Among other things, they objected to the fact that commercial sponsors have to pay a 15 per cent. commission on talent to advertising agencies. They wish to deal directly with the broadcasting organisation or the artists, and save this expense. One artist, who sings for fifteen minutes a day from a New York station to advertise a brand of cigarettes, is paid 6000 dollars (about £1200) per week for this service, and, in addition, receives the same sum for theatrical engagements over the next three months. Another popular entertainer receives a huge weekly salary, but perhaps the highest-paid radio artists in the world are "Amos'n' Andy." They have extolled the merits of a tooth paste twice nightly for months by means of sketches of negro life.

But these popular entertainers are the exception. There is a dearth of high-class talent "on the air," so that programme sponsors have found that a national "drawing card," original enough to hold thousands of listeners, is worth his weight in gold. The broadcasting companies are using every means to find and develop new "stars."

KNOW the time all over the world with a
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P224	16	0	P247	0	17 6
P245	12	0	P551	1	0 0
P280	12	0			

POWER PACKS.

K111B—Output 60 milliamperes.....	£6	10	0
K112B—Output 90 milliamperes.....	8	0	0

(Rectifying Valve P280, 12/- extra)

TRANSFORMERS.

443 32 Henry Choke Coil for 250 Valves.....	£3	10	0
444 Filter Condenser Block for 250 Valves.....	6	0	0
445 Power Transformer for 250 Valves.....	6	0	0
388C Filament Lighting Transformer for 171A Valves.....	1	17	6
389C "B" Power Transformer for 171A Valves....	1	17	6
429 Push-Pull Transformer for 250 Valves.....	2	10	0
430 Push-Pull Output Transformer for 250 Valves.....	4	0	0
412 Small Audio Transformer, 2-1 ratio.....	0	15	0
413 Small Audio Transformer, 3½-1 ratio.....	0	15	0
414 30 Henry Filter Choke, 45 mils. cap.....	0	15	0
415 30 Henry Output Choke.....	0	15	0
418 Audio Output Transformer.....	0	16	6
422 Large Audio Transformer, 2-1 ratio.....	1	2	6
423 Large Audio Transformer, 3½-1 ratio.....	1	2	6
426 Large Push-Pull Input Transformer, 2-1 ratio.....	1	12	6
427 Large Push-Pull Output Transformer.....	1	12	6

CONDENSERS.

The new vaultype .000365

Single Vaultype Condensers No. 3021.....	0	15	0
Double Vaultype Condensers, No. 3042.....	1	10	0
Triple Vaultype Condensers, No. 3063.....	2	7	6
Quadruple Vaultype Condensers, No. 3084.....	3	2	6
Special Double Spaced Vaultype for Short-Wave Transmitters, No. 3022.....	1	15	0

DIALS.

1273 Midget Drum Dial—1st grade.....	0	13	6
1285L Single Illuminated Drum Dial.....	0	18	0

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148 LICHFIELD ST. (P.O. Box 700), CHRISTCHURCH.

Short-wave Notes

ON August 19 a station was heard testing on approx. 40 metres with a call-sign CKXX. First heard 5.30 p.m., N.Z. time. Modulation was spoilt by a Morse station, but signal strength was sufficient at times to hear the announcement that the station was located at Alberta, Canada.

A station has been heard on 26 metres quite a number of times, but I have never heard the call-sign given. On July 17 this station was relaying the proceedings of the opening of a new American broadcast station, call WIBA. It was first heard at 4.15 p.m. N.Z. time, when the Governor of the State was speaking to listeners. This was followed by a speech by a Dr. Frank Glenn, who spoke of the advance in radio. This relay was probably through KIO, Kahauku, Oahu, Hawaii, on 25.685 metres, although no mention was made of the station. Did any DX'er hear WIBA on the broadcast band this night?

Evidently station T14NRH changes his schedule, because Mr. Sellens reports his new schedule for Sundays as between 1.30 p.m. and 2.30 p.m. On Sunday 23rd, NRH was on the air until 3.15 p.m. our time. The latter portion of his programme was a relay of another station. It is quite probable this was a test transmission. Strength here was R5, but modulation was spoilt by distortion due to another station working near by. In a letter received from NRH recently he mentions that W9XAA is still on the air on the 49-metre band. It has been reported that this station had closed down on the above wavelength, and was now working only on 25.65 metres. Recently I heard him on the 49 metre band broadcasting a programme by the International Shortwave Club members. The above club is the most reliable in America to-day. Its founder is Mr. Arthur J. Green, and a monthly booklet is printed with some very interesting data on all shortwave stations in operation. His address is P.O. Box 713, Klondyke, Ohio, U.S.A.

The station reported as BAO, Madrid, has been heard a number of times, both in musical programmes and in communication with a telephony station located in Buenos Aires. American ham phone stations between 84 and 85 metres are beginning to come in strongly again now. I noticed in a recent issue that a correspondent was inquiring for the best time to listen for these stations. I find any time after 5 p.m. N.Z. time is O.K., and on some nights they can be heard until very late. Conditions are improving on the amateur band of 80 metres, and we can look forward to some good DX-ing. There are still some very fine New Zealand amateurs on phone on 80 metres, and the modulation from many is very good. Station ZL2AW, the official station of the New Zealand Shortwave Club, every Tuesday night puts over the latest data concerning this club, and should reach out very well because he comes in here locally at great volume. Station ZL2AX, Palmerston, at approx. 5 p.m. every Sunday puts over the latest data concerning the N.Z.A.R.T. He also is received well



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.

at all parts of New Zealand. ZL2BE, Hastings, is still a good phone station both for music and speech. Volume is surprising. I believe he is now crystal controlled and tunes very sharply. The pick of the 1st district hams is ZL1BQ, Auckland.

At 10 a.m. on August 27 the Californian s.w. station KBL came on the air

p.m. he was relaying music from a dance hall. All announcements were made in Spanish and the call letters XEW announced very faintly. The station signed off as "XEW, broadcasting from Mexico City, Mexico." He gave his time as 1.34 Mexican standard time (7.10 p.m. New Zealand time). At 7.30 p.m. Sunday, 30th, VE9CL, Manitoba, Canada, was on the air with a test programme, but was not received too well.—6X (Wellington).

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.

making a test with recordings (wavelength 43.7 metres), and at times could be heard calling Hawaiian Islands. Strength was R5 to 6, but static was bad. A station working above Russia, of which I reported some time ago, and which has also been reported by the secretary of the N.Z. Shortwave Club, has been heard often lately, but it is very difficult to get his call. Saturday, August 29, was the best I have heard him. His programme consisted of musical recordings. One played at 2 a.m. Sunday, 30th, was "Dancing With Tears in My Eyes," which seems to be a favourite item from many stations. Announcements were made after each item, as PK1AA, Wetzreden, Java. The station is listed as working on 75 metres, but he comes in on 73 metres.

The station reported by Mr. O. J. Stevens, NZ76W, XEW, Mexico City, Mexico, was certainly coming in strongly on Sunday, 30th. As reported by Mr. Stevens, wavelength is just below W9XF, Chicago. I find he is hard to separate from both W9XF and W8XAL. At 6.50

Short-Wave Club

The Secretary Writes

I AM pleased to be able to announce that we are very close to our second century—not bad considering the times and the fact that short-wave has yet to become known. A member remarks that he had seen only one short-wave set beside his own, and in many localities this seems to be a common experience.

Several members report good results from the "Kestrel Three." I have not tried out this set, but as one member is a well-known transmitter he should know.

The station engineer of W8XAL in a letter received last week expresses his thanks at publicity given to their special 24-hour broadcast. He stated that they appreciate reports very much and asks if all short-wavers will continue to report. Their tests will be heard here from 5 a.m. on the first to the same hour on the second day of each month; they are conducted specially to ascertain the most suitable times and conditions for each country, and from the reports much valuable information should be obtained.

By reports is practically the only way that stations can tell where and how their signals are going, and all short-wavers can help in this direction. It is in this way that short-wavers can derive greatest pleasure from listening, and furthermore they give more inducement to stations to broadcast. In this respect the Short-wave Club is endeavouring to carry out its aims and objects by bettering conditions for the listener and working for the advancement of radio generally.

I have to thank the many listeners who have sent letters of appreciation and encouragement. We are always open for suggestions and information, and, if need be, criticism, for nothing is more detrimental to a society than stagnation.

Listeners in New Zealand and abroad may obtain any information by writing me. A. B. McDonagh, secretary N.Z. Short-wave Club, 274 Cuba Street, Wellington.

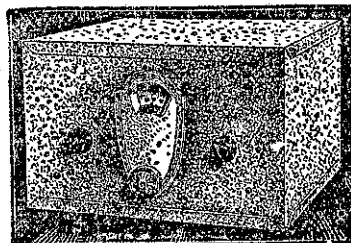
XEW, Mexico.

I NOTICE in last week's issue among Mr. Sellens's notes a query regarding an unidentified station on 49.8 metres. I heard this station on August 30 from 5.45 p.m. until 7.5 p.m. on this wavelength and heard the call "Radio Station XEW, Mexico City," announced by an American, about every quarter of an hour during the broadcast.

The programme, which consisted mainly of vocal items with guitar accompaniment, together with dance music, was received at good strength, R7-QSA4, but QRN and morse interfered toward the end. They signed off at 7.5 p.m., N.Z.T., or 1.35 a.m. C.S.T.—J. V. McMinn, NZ16W (Wellington).

Your MAJESTIC

Radio Receiver can now be used for
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The Restaurant Habit.

IT is a solemn assembly. The air is rather warm, and there is a murmur of voices—a vibrant, persistent murmur that rises and falls and rises again with strangely soporific effect, unbroken by the clatter of stout china on stout marble-topped tables. There is an odour as of many foods, and a curious suggestion of preoccupation with other than purely material rites. Man, by nature a gregarious animal, offers proof to the contrary in any tea-shop. Observe him, wrapped in mysterious reverie over contemplation of an infinite variety of steaming dishes. So close he is to his neighbour, yet how unconscious in that false intimacy, of his neighbour's presence! Lost in the intricacies of the menu, or in perusal of book or newspaper, he is for the moment denizen of a world apart. Vast spaces may, indeed, be spanned between the brief offer and acceptance of the salt and pepper, the sugar and the mustard. No great philosopher has as yet sought to develop the tea-shop theme; that so rich a mine of inspiration has gone untapped is a melancholy thought.

For the Journalist.

THE study-bedroom combined is much in evidence in the great blocks of modern flats now being built in Paris, and is an easier room to furnish than one would imagine, particularly when there is adequate cupboard accommodation for hats, gowns and shoes.

A typical example has cupboards, painted exactly the same peach tint as the walls, so that they disappear into the background, lining one side of the room. Against another is placed a divan, with a square of silk velvet thrown over it and innumerable cushions. At the head and foot are two modernist bookcases in dark walnut, closing in the divan so that it looks less like a bed and more like a piece of furniture. On the bookcases stand a few charming trifles—a jar of flowers, a lamp, the telephone, cigarettes, and ash-tray.

On the opposite side of the room is a desk with modernist bookshelves hung on the wall above it and maps over the chairs beside it. A chest of drawers, low and modern and severe, with a triple mirror on it, and a little make-up table (a thing typically Parisian) completes the furniture, except for a soft, low lounge chair upholstered in a modernist silk damask.

The room is small, it does not suggest overcrowding, and yet it serves three purposes in a satisfactory fashion—study, lounge and bedroom.

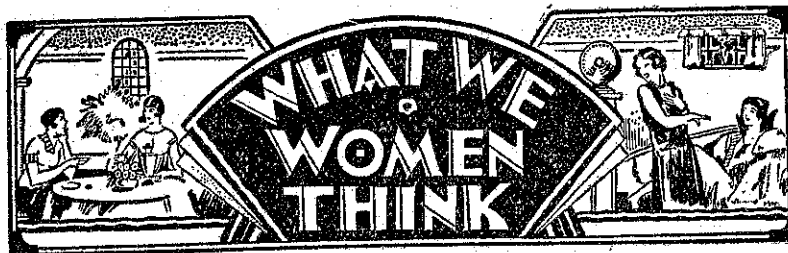
The Grace of the Grecians.

LEADING hostesses are determined not to be outdone in social accomplishments by their daughters. Finding that the Greek dancing which is the craze of the moment is giving their girls exceptional poise and grace for their years, they are now taking it up themselves.

Well-known women are using the lawns at their country homes for classes for themselves and their friends, who motor as far as twenty miles to attend them.

Some of them dance barefooted in white Grecian tunics similar to those donned by their daughters, while others are stockingless, but wear shoes and sleeveless tennis frocks.

Taking bows similar to those carried by the Greeks, these titled women



PHILOSOPHY

Death is a port whereby we pass to joy,
Life is a lake that drowneth all in pain,
Death is so dear it ceaseth all annoy,
Life is so lewd that all it yields is pain.
And as by life to bondage man is brought,
Even so likewise by death was freedom wrought.

—Spenser.

practise all the archery movements. They also do the javelin movements and the dances which the Grecian potters recorded on their wonderful vases and which have been "translated" by modern exponents of Grecian dancing.

Cross Your Palm, Pretty Gentleman!

IN Scientific Palmistry Mr. Dale Phillips arouses the reader's interest by analysing the hands of a number of famous men.

The hand of Mr. Tom Webster, the "Daily Mail" cartoonist, indicates "a whimsical mind; a mind that sees things from unusual angles . . . we have a hand which, had serious art been attempted, should have raised Mr. Webster to eminence in that field."

Mr. Augustus John: "The fourth finger is an essay in itself, denoting intense individuality. In the wide

spread at the base we mark tremendous freedom of thought. There is also the curve of Genius."

Mr. Douglas Fairbanks: "This is the type of hand which takes everything in its stride, but which would love to have all the details of work artistically correct."

Mr. Bernard Shaw: "Mr. Shaw's hand is above the average in size, and the palm is larger than the fingers. These two features denote intense physical energy. . . . The smallness of the little finger denotes a mind that moves rapidly from point to point, while the splendid index finger shows a mind quick to grasp its problem and master its intricacies."

Mr. Edgar Wallace's hand indicates "intense emotion, romance, and imagination," and if he is careful at 64 he ought to live to be 82.

Our Cookery Corner

Sponge Cakes.

For these cakes use 6 eggs, their weight in sugar, and half their weight in flour. Beating the yolks and whites separately till very light, then beat the sugar in and lightly mix in the sifted flour. Bake in a moderate oven till pale brown.

For a quickly-made trifle, split a sponge cake, spread with raspberry jam, and moisten slightly with raisin wine. Heat a pint of milk, beat an egg with a tablespoonful sugar and pinch salt; stir into the milk and add $\frac{1}{2}$ teaspoonful rennet. Pour this at once over the sponge cake and leave a few minutes till set. Decorate with whipped cream, cherries, and almonds.

Lemon Curd.

Method: Lemon curd makes a tasty filling for plain cakes as well as for tarts. Grate the rind of two lemons and mix with $\frac{1}{2}$ lb. castor sugar until of a uniform yellow. Put this in a lined pan with 3oz. butter, 2 table-spoonful white cake crumbs and the whites of 3 and yolks of 2 eggs, lightly beaten. Stir over a gentle heat until thick, like honey. Put into jars, and when cold cover.

Pineapple Mousse.

Ingredients: Four to six oz. pineapple cubes (chopped finely), $1\frac{1}{2}$ gill double cream, 2oz. castor sugar, $1\frac{1}{2}$ gill wine jelly, $\frac{1}{2}$ oz. gelatine, $\frac{1}{2}$ gill Maraschino liqueur (this may be omitted) and a few glacé cherries.

Method: Mask a jelly mould with a thin layer of jelly and decorate the bottom and sides tastefully with glacé cherries and keep the mould on the ice till wanted. Pound the pineapple in a mortar till smooth, then rub through a hair sieve and put the puree in a basin. Heat up the remainder of jelly until liquid, then whisk it over the ice until it becomes frothy or of a sponge-like appearance. Whip the cream and add both the whisked jelly and cream to the fruit puree, dissolve the gelatine in a small quantity (about $\frac{1}{2}$ gill) of fruit syrup, add the sugar and let cool a little; then strain into the prepared cream, add the liqueur at the last, pour it into the decorated mould and put it on the ice till firm. To serve, dip the mould into warm water for a second or two, wipe it quickly and turn out into a cold dish. A little chopped wine jelly may, if liked, be put round the base of the dish.

That Coiffure.

FASHIONS in hairdressing change far more slowly and subtly than fashions in clothes. So says a famous London hairdresser.

"Short hair came into fashion in 1915," he said, "but it was 1923 before the mode was at its height. The reason is, quite briefly, one's clients. I cannot force a new fashion upon them. Each woman says, 'Very nice—but then, I'm different. My own way suits me best.'"

One of those subtle changes is, however, taking place now. Rows of "sausage" curls have been tried and found to be a nuisance; the film star behind-the-ears coiffure, long and untidy at the back, has been tried and found to be—trying, if you are not so young. Now we are settling down to a becoming and easy-to-wear compromise.

A sweep of the hair from front to back is the characteristic of the latest coiffures. This is particularly becoming when one wears a hat that exposes one side of the head. The moot question of showing the ear is thus left open. Owners of pretty ears—and how rare they are!—can brush the hair back to show this charming feature. Other women can have the hair-swept over their ears in a slightly backward direction.

The Old Blue Plates.

FOR a century and a half "Willow Pattern" has been a household word. Longfellow wrote of "the willow pattern that we knew in childhood, with its bridge of blue leading to unknown thoroughfares," and "the fantastic trees and wild perspective of the view." Dickens, spending an evening at an inn in one of the pottery towns, with nothing to study but a blue and white china plate upon the table, let the plate recount to him the story of its manufacture which he had watched that afternoon, while he gazed once again upon "that astounding blue willow with . . . foliage of blue ostrich feathers . . . that blue bridge which spans nothing . . . together with the rest of that amazing blue landscape."

But for all its Chinese details and associations the willow pattern had its origin in the midlands, for it made its first appearance at Caughley in Shropshire in 1780. The first porcelain used in England was brought from China in the vessels of the East India Company, and it was much sought after by those who could afford to buy it as a substitute for the coarser earthenware hitherto in use. English potters strove to imitate it, and by the middle of the eighteenth century some of them succeeded.

Utilitarian Tips.

WHATEVER is done to discourage flies sooner or later their marks appear on windows, mirrors, and picture glasses. An easy way to remove these is to rub them with an ordinary cork used quite dry. This will leave no smears, and the trouble of having to wash the whole of the glass is avoided.

Taps in the bathroom or kitchen sometimes develop an irritating habit of leaking where the turning part of the tap fits into the stationary part. This is due in most instances to the washer wearing or shrinking. A little oil poured between the two parts will cause the washer to swell, and the leakage will generally cease.

... With ... BOOK and VERSE

By "John O'Dreams"

Jottings

IN a letter to the editor of this page, W.H. speaks of it in appreciative terms. Coming from a musician and writer, his tribute is most welcome. During the past six months he has been a prize-winner in this section of the paper, and mentions that, though over 70 years of age, until last year he had written no poetry. While playing his violin one day, however, inspiration came to him for a sonnet on Tartini, the discoverer of the third note in music. The result was an ably-written and exceedingly delightful sonnet, which we have been privileged to peruse. This, with several others, he offered to a noted English journal, the fine literary character of which has long been established, and three out of four were accepted. In conclusion the writer says: "I think your fortnightly competition an excellent institution, and admire the ingenuity of your criticisms and the kindly spirit which actuates them." He adds the interesting comment that, had he been a subscriber to the "Record" at the time of forwarding his poems to England, he would have preferred submitting to this paper one of them with a typically New Zealand theme, as he would have liked better for it to appear in a New Zealand journal, even though receiving for it less remuneration. We appreciate the compliment and applaud the patriotism.

IN "Troublous Times" Captain Brun, of the Danish R.F.A., describes his personal experiences in Russia during and after the Revolution. He was in Petrograd when the Kerensky Government was overthrown by the Bolsheviks. Representing the Danish Government, he went to Turkestan to watch the interests of Austrian and Hungarian prisoners. There he was in continual peril of his life, was arrested, and thrust into gaol, and got out of the country with difficulty eighteen months later. His letters to his wife, now printed, give a vivid account of the early period of the Revolution when life was cheapest and law mostly disregarded.

TWO years ago "Colette," published "La Seconde," and this delicate trifle now appears in an English dress, very faithfully copied from the original by Miss Viola Garvin. "Fanny and Jane" has all the charm and all the unexpectedness of the best of its predecessors. You think you will never quite understand the few people who stroll through it, and at the end it is as though you had lived with them all your life. There is Faron, a successful dramatist, his wife Fanny—and Jane, his secretary, and later his mistress. This is a wise and witty book, and short enough to be read through at a sitting.

Our Fortnightly Book Review

DOWN THE SKY

By E. V. Lucas

THOSE who read "Windfall's Eve," and rejoiced in its wit, humour and tenderness, will like to renew acquaintance with the chivalrous Richard, his innamorata the attractive Jenny, Posy Crystal and her errant fiancé. These appear again and their doings are chronicled with freshness and charm in "Down the Sky," the apt and arresting title of Mr. E. V. Lucas's latest contribution to belles lettres. By no means attaining the stature of a novel, and not altogether in essay form, but something of both, the slim volume is rather a running commentary of life in England and the Continent, with many fascinating digressions in the true Lucasian manner.

My own acquaintance with Mr. Lucas in lighter vein began—how many years ago?—with "Listener's Lure," which an elderly friend presented as suitable for budding intellectual curiosity. And very delightful I found its agreeable wit, sure touch, and gay acceptance of life's little ironies, coupled with that vein of romance which this author is an adept at suggesting rather than describing. Since then allegiance has not wavered, though suffering occasional diminution by reason of worship of diverse literary idols pursued with youth's fanatical enthusiasm. And now it is certain that those going "down the sky," surveying sunset rather than morning radiance on life's highway, will find renewed delight in Mr. Lucas's wise humour, nonchalant savoir faire, and subtle, effective handling of blagueur and poseur in the social cosmos.

From the beginning, when the winner of the Windfall sweep discourages desire of the casual and provocative Mrs. Candover to start a restaurant, our interest is intrigued. "It is extremely improbable," I said to Jenny, "that you will ever be mixed up with an absurd shop called 'The Chicken Pie.' Personally I would prefer another kind of place—a cosy little affair, to be christened 'The Old Flames,' where friends of mature years could loiter, with screens round all the tables. Not in the least a place for the young; no music; no dancing; a total absence of the Little Brothers of the Ritz and their precocious girl friends wreathed in smoke." Later we have the comments of the sporting spinster who really did start a luncheon room: "If you want to retain any respect for your fellow-creatures, don't run a restaurant. There are a few nice people who behave themselves and get on with it, but others are holy terrors. Eating four sandwiches, and only paying for three, has become a new industry. And there was a woman who insisted I should open an oyster bar. 'If you'd do that,' said she, 'I'd buy half a dozen every second Thursday on my way to Bridge!'"

Concerning the joys of motoring in England, which he knows and loves so well, the author tells delightful tales of Kent and Sussex and Surrey, with descriptions of those old inns the charms of which have had their loving scribes from Hazlitt onward. Of mine host at one of these happy havens we are told: "He was a retired music-hall singer, and his steady tipple was gin and water. His opinion was there never had been, never would be anyone like Dan Leno. 'Lots of us could be funny, but he was fun himself. Poor Dan, he had to pay for it, as they tell me genius always must.' And by way of contrast there is an encounter with an old clergyman, very desolate and lonely because of the recent death of his wife, but able to smile over a letter of condolence received from a young man, formerly a member of his flock: "I was grieved to hear of the death of your wife. I can hardly be said to know her as well as you did, as I only met her twice, but I have recently lost my own great-grandmother and thus can enter into your feelings."

On matrimony Mr. Lucas, by his protagonist the delightful Richard, remarks: "The divorce laws are so busy worrying about infidelity that they take no account of the real snags in the stream of matrimony. Infidelity, before it is discovered, can run concurrently with assiduous attention and solicitude, but other impediments to sympathy and good fellowship obtrude themselves and are ceaselessly exasperating. Two friends of mine parted because of the opening or shutting of windows. Too many women have a deplorable passion for fresh air, and this one's desire amounted to mania. The husband has now returned to his air-tight London flat, and the wife to a house in the country where such visitors as have the hardihood to

SEVENTEENTH-CENTURY Virginia is a good background for romance, and in "Gideon's Lady," by G. Kent Oliver, the author has missed none of his opportunities. Gideon Hawkins, who left the plough in Devon to make his fortune in the New World, was a very rough diamond, and Anne Wilding, the exquisite daughter of a strolling player, was a very unsuitable wife for a pioneer planter. Gideon marries her, not for her pretty ways, but for the 50 acres of land that were her portion. The winning of Gideon and the wooing of Anne, the troubles that beset her and the devotion of the gentlemanly "felon" are features of this excellent story. A first novel, one imagines, and one of definite achievement.

"To That First Naked Glory," by Mr. Lawrence David, is what may be termed a rattling good yarn, full of unusual excitements. Young Pierre Vande succeeds to the island of Manora, and, like a true blue republican, believes in the divine right of kings. He is a born leader of men, and is familiar with the private history of Louis XIV, and makes a most successful attempt to emulate it. In this he is aided by his cockney valet, and by the stupid behaviour of those formerly in power. He is a magnificent modern, almost too good to be true, but most attractively limned. This is a picturesque and highly-entertaining romance.

MISS HELEN WADDELL has translated "Manon Lescaut" from the original French text (1731) of l'Abbe Prevost. Miss Waddell has done her work well in her version of one of the marvels of literature, which is, as Mr. George Saintsbury says in his introduction, "a thing that is completely complete and perfectly perfect." There is nothing to be added to all that has already been said and written about this sad and beautifully told love story, but there is much to be told about the interesting and unfortunate personality of its author, and both Mr. Saintsbury and Miss Waddell shed a great deal of light on the many facets of character of this intriguing litterateur.

stay with her sit all day in their top-coats."

We find the same lightness of touch, felicity of expression and acuteness of observation whether the author discourses on a visit to a poultry farm in England or a tea plantation in the East; a passing contact with a stranger in a train, or an interlude with a tipsy cousin in Colombo, who insists on regarding him as a "drummer" in the rubber trade. A versatile and vivacious chronicler.

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