

# THE RADIO RECORD

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## New 4YA Wins Popular Approval



THE opening of the new 4YA on Wednesday last marked another step forward in the history of New Zealand broadcasting. In view of the fact that this important step marks the completion of the original contract between the Government and the Broadcasting Company, it will be interesting to look back over the two years of progress made since the inception of the Broadcasting Company.

Early broadcasting in New Zealand has linked with it two names now well known, those of Messrs. Goodfellow and Harris. The interest of Mr. Goodfellow in radio has a very early origin. He quickly perceived the value of an efficient broadcasting service to the rural population. At the head of a large dairy company drawing suppliers from every corner of the South Auckland province, Mr. Goodfellow recognised the desirability of adding to the comfort of its suppliers and to brighten the lives of the 50,000 people thereby connected.

Nearly six years ago, with the view of providing this service, Mr. Goodfellow asked Mr. Harris, now General Manager of the Broadcasting Company, to make full investigation into the cost of installing a moderate-sized plant at Hamilton. By this installation it was hoped that the suppliers of his dairy company could enjoy the new and musical service contemplated to be provided from Hamilton.

The matter was entered deeply into, and a full and comprehensive report compiled. This was submitted to the Government in the form of a request that rights should be granted for the erection of a small plant at Hamilton. The Department advised in reply that it could not see its way to grant provincial rights, as it desired broadcasting rights over the whole of the Dominion should be controlled by one company. The idea was then accordingly dropped and negotiations then begun between the Government and a fresh company.

A great deal of dissatisfaction was now expressed at the delay, and Mr. Goodfellow accordingly then approached the Government for the rights to establish a station in his own area. The Government replied as before, but suggested that Mr. Goodfellow consider providing a service for the whole Dominion. Mr. Good-

### Official Opening shows High Standard of Efficiency

THE opening of the new 4YA denotes two important facts—the firm establishment of radio in New Zealand and the completion of the obligation of the Broadcasting Company in respect of the establishment of broadcasting stations. At its inauguration the company agreed to establish one five-kilowatt and three half-kilowatt stations. Now, with two and a-half years to go before the completion of the contract, the contract has been completed and 4YA has come into line with her sister stations at Christchurch and Auckland.

fellow had already offered to put a satisfactory station at Auckland, and the Government's suggestion was, that if he agreed to put a further station in the South Island, they would be prepared to enter into a contract with him and Mr. Harris.

From that point the negotiations proceeded, and it was ultimately agreed that Messrs. Goodfellow and Harris would personally undertake to offer forthwith two first-class approved half-kilowatt plants for erection at Auckland and Christchurch. Within 30 days the Broadcasting Company was formed.

As soon as the policy in respect to the new stations was decided, and during the course of their consideration, the organisation of the respective stations received attention. A ten-year contract was asked, but a five-year one was finally agreed upon. The Auckland and Christchurch stations were duly erected, and immediately established a new standard in New Zealand broadcasting.

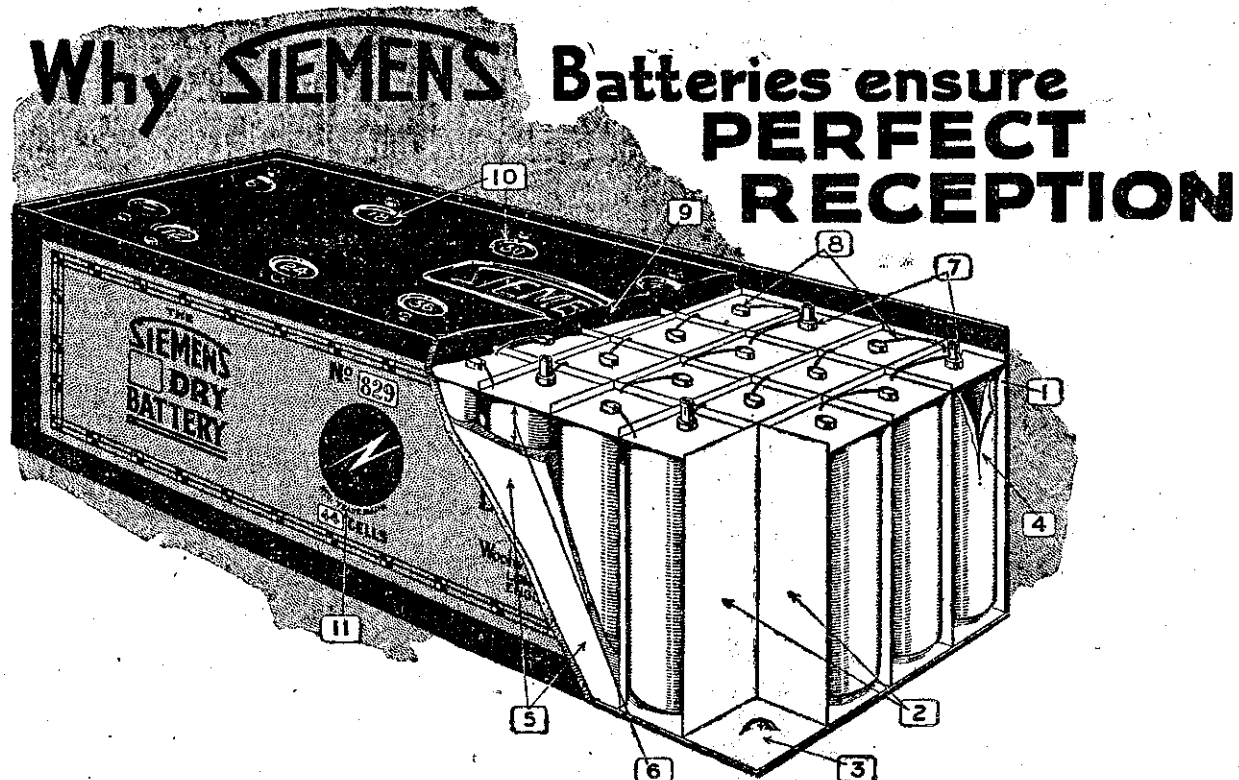
At that stage the company under agreement with the Government could have taken the course of closing both Wellington and Dunedin stations, which had previously been operated by the radio trade. The company, however, did not choose to exercise its rights, but instead continued to give listeners in Wellington

and Dunedin areas the fullest service possible within the capacity of the plants available.

Before the Christchurch and Auckland stations were finished, the position at Wellington was considered. The Department expressed its desire that a 5-kilowatt station, the greatest in the Southern Hemisphere should be erected. This was one ten times the size of that called for under the original proposition. This new station involved the company in an additional expenditure of £20,000. Agreements were then completed whereby within five years there should be erected three half-kilowatt stations and the five-kilowatt central station at Wellington.

Very many listeners will remember the triumphant opening of 2YA in June, 1927. This was an epoch-making event for 2YA, and was the Empire's strongest overseas station. Reception was good throughout the Dominion, the Pacific, and Western America. This was certainly a great step forward in New Zealand's broadcasting.

(Continued on page 9.)



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# Radio Exhibition in Auckland

## 'Huge Success' Imminent



THE future of radio exhibitions seems assured. As a means of bringing the public and the radio trader together there can be no better medium than this. Radio has changed and is changing very rapidly, and even though the prospective listener may search radio establishments for the receiver he wishes to instal, he will have great difficulty. No doubt he will be perplexed by the very large number of outfits confronting him. But with a radio exhibition the case is different. He sees all in a very short space; he can hear and compare by taking a few steps.

For this reason radio exhibitions almost invariably prove a success. The first movements towards extensive exhibitions were taken in England and America. Less than twelve months ago we were able to report in detail the very successful exhibition held at Olympia, London. This has been followed by the Great Radio Show in Chicago and elsewhere in America. New Zealand and Australia were not long in coming into line. An exhibition was held in Sydney in the middle of this year, and it became apparent that a radio exhibition, or radio exhibitions, were what was required by the New Zealand public.

Almost simultaneously Wellington and Dunedin came forth with this new to New Zealand venture. Both were outstanding successes, and it was quite apparent that to fully popularise radio these would have to be held regularly in each of the four main centres. Auckland is the next to come into line. For detailed arrangements are now being made for an exhibition which, it is claimed, will surpass in its success those held in both Wellington and Dunedin.

This is not the first exhibition of this nature held in Auckland. Some years ago, when radio was a novelty, a radio show was held in a small building in Auckland. It was the first of its kind, and although the idea of these more elaborate exhibitions did not spring from this source, it must still take its place as the first.

### Organisation of the Exhibition.

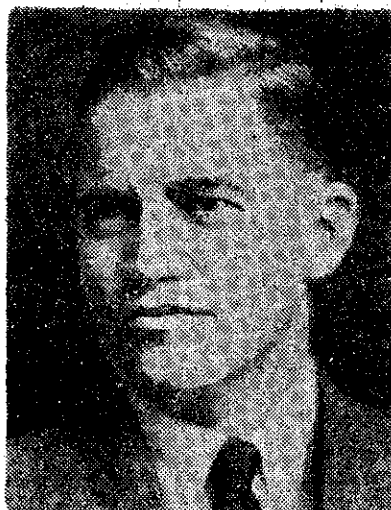
THE exhibition in Wellington was organised by the "Radio Record" and a committee representing the radio traders. That in Dunedin was under the guidance of the Amateur Radio Association. In Auckland a committee

has been selected from the radio trade, and each member has been given a definite part to perform. In this manner the organisation can be well-nigh perfectly carried out. There will be no overlapping, and the fullest co-operation is possible. Each member of the executive has his department well in hand, and the exhibition, they assure us, will open on October 30, at 7.30 p.m., and from its inception will be an outstanding success.

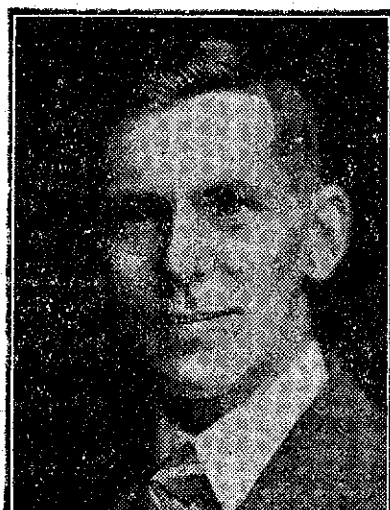
For this occasion the main Town Hall has been engaged, and twenty-one stands have been provided. Fifteen of these are arranged around the walls, while the remaining six are in the centre, two deep. All these stands have

Amateur Radio Transmitters' Association, the "N.Z. Radio," and the "Radio Record."

In connection with this event, competitions have been arranged for the amateur constructor, the essayist, and the general public. The constructors' competitions include both crystal and valve receivers, while that arranged for the non-constructing public is both novel and interesting. The competition consists of the arranging of a typical programme to be broadcast. The entrant has for his guidance the programmes of the R.B.C., and those specimens of overseas programmes which have appeared in this and in other journals.



EMINENT PERSONALITIES CONNECTED WITH 4YA.  
Mr. A. R. Harris, General Manager.



Mr. T. Bingham, Chief Engineer.

been allocated to the various firms in Auckland. The only stand not coming from the Auckland district is that to be occupied by the "Radio Record."

The stands will be approximately 14ft. x 10ft., and in this space each trader will display radio apparatus that will be of the greatest interest to all sections of the radio community. There will be complete expensive combination radio gramophones, smaller Console models, elaborate and simple table models, and small sets, all operated by A.C. In addition the battery set will be represented, and those who have not A.C. power available will be able to see the very latest conceptions in battery models. The constructor has been well provided for, as several firms are specialising in this direction. There will be, in addition to these trade exhibits, interesting displays by the

It was anticipated that prominent radio authorities would be able to speak to the Auckland children on radio, but as we go to press we learn that this project cannot be carried on. In very many ways it is a pity, for the young of to-day are truly interested in radio, and addresses from prominent technicians would be of uttermost value.

Besides catering for the public interested in radio as a science and as an entertainment for the home, arrangements have been made for the musically inclined. The best talent in Auckland has been engaged for the period. A temporary studio will be fitted up in the Town Hall, and during the evening the broadcasts will take place intermittently from here. In order to allow demonstrations dur-

ing the evening, broadcasts from the regular studio in France Street will alternate with those from the temporary studio. The bands engaged for the exhibition will appeal to the visitors considerably.

The idea of broadcasting from the exhibition has been taken up in both Wellington and Dunedin with great interest by both organisers and Broadcasting Company. The thousands that visited these exhibitions were highly interested in seeing the aunts, the uncles, the artists and the announcers appearing before them. No doubt this will apply in Auckland.

Until such time as exhibitions can be arranged, the broadcasters must be viewed in a very uncertain light. In some ways they are very close friends. The voice of the announcer becomes very well known, and very many listeners have remarked that he is as one of the family, yet very few have seen him. Being able to meet these personalities at the exhibition draws them nearer and completes a link which has been long felt wanting.

ON the entertainment side of the exhibition the Broadcasting Company is actively co-operating. For each evening the exhibition is open 1YA has arranged special programmes to be broadcast from a model studio in the Town Hall, in full view of all visitors. Each programme will be divided into sections, or "concertettes," as they may be called, intervals of ten minutes intervening, during which time visitors to the exhibition will be able to move around and inspect the many receiving sets which will be on view. During these intervals items will be broadcast from 1YA Studio.

The presentation of the items from the model studio at the exhibition will be carried through precisely in the same manner as are the evening concerts produced at 1YA. The announcer will announce in full view of his audience, and the model studio will be complete with the full necessary equipment.

In addition to the presentation of the concert programme the children's session will also take place.

As will be seen from the programmes the artists who are to contribute to the entertainments represent the finest talent in Auckland. Every class of item will be presented. Visitors will see how songs are sung before the microphone, instrumental solos, band, and orchestra numbers played, recitations given, and sketches acted. The con-

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Town Hall

Oct. 30 to Nov. 2  
(Inclusive)

TO be opened at 7.30 p.m. on October 30th by the Postmaster-General, Hon. J. B. Donald, who will perform the ceremony by radio from Wellington.

23 stands carrying the largest and most comprehensive display of radio receiving and transmitting apparatus ever seen in New Zealand.

During the Exhibition period evening programmes of Station IYA will be broadcast from the Town Hall, providing visitors with a delightful concert, and enabling you to see how broadcasting is carried out.

Don't on any account miss this splendid Exhibition. Keep at least one night free and see what wonders there are in modern Radio and its equipment

## ADMISSION:

Adults . . . 1/-  
Children . . . 6d.

## HOURS OF ADMISSION:

After the first day the Exhibition will be open from 10.30 a.m. to 10.30 p.m. each day.

certs will be the best that can be arranged in Auckland.

### The Opening Night.

AT 7.30 on Wednesday evening the exhibition will be opened in the Town Hall, the speakers including Hon. J. B. Donald (Postmaster-General), Mr. W. J. Holdsworth (chairman of the Auckland Electric Power Board), Mr. Geo. Baildon (Mayor of Auckland), and Mr. W. J. Smeeton (chairman of the Auckland Radio Dealers' Association). The concert session will be given at 8 o'clock. This programme will be provided by the Auckland Artillery Band under Mr. Wynne Smith, the IYA Broadcasting Choir, Madame Mary Towsey, Mr. John Bree, Mr. A. Ripley, Mr. Frank Sutherland, Mr. T. T. Garland, and Mr. Cyril Towsey. This aggregation of talent will provide much varied entertainment not only to visitors to the exhibition, but to listeners in general. The band items will comprise "Simplicity March," "Pique Dame" overture, "Three Blind Mice," and "BB and OF March." Madame Mary Towsey, dramatic soprano, will be the only lady appearing this evening. Her songs will be "A Castilian Lament," "Three Fishers," and "The Golden Song" (from "Lilac Time").

Mr. John Bree, a baritone of the finest class, and Mr. A. Ripley, one of New Zealand's leading tenors, will be singing. Mr. Frank Sutherland, the well known bass-baritone, will sing "Come to the Fair" and "Keep on Keeping On." The popular Auckland humorist, Mr. T. T. Garland, will provide many mirthful moments.

The accompanist for the evening will be Mr. Cyril Towsey, who will also play pianoforte solos. Also appearing prominently on the programme will be the IYA Broadcasting Choir under Mr. Len Barnes. Three numbers will be sung, "Awake," "The Dance," and "The Pedlar."

### Thursday Evening.

THURSDAY evening's programme will be of a type very different from that of the previous evening. The new IYA Orchestral Octet under Mr. Eric Waters will be introduced to the public. This will be a brilliant instrumental combination. There will also be a vocal octet, the Olympian and Clarion Quartets having combined for the occasion. Other artists engaged are Mr. Owen Pritchard (the popular entertainer), Miss Margot Toner (a brilliant pianiste), Mr. J. F. Montague (elocutionist), and the Bohemian Duo (novelty vocalists). Three fine concerted numbers will be sung by the Octet: "The Angelus" (from "Maritana"), "When Evening's Twilight," and "In the Woods." Duets and numerous solos will also be sung.

### Friday's Programme.

THERE will be something unique for the children on Friday, for a party is to take place, commencing at 4.30 p.m. Nearly every boy and girl in Auckland will be there.

The evening will again be a great change from those which have been presented on the two previous evenings. There will again be some of Auckland's star vocalists performing—Miss Phyllis Hazell, Miss Millicent O'Grady, Mrs. Laetitia Parry, and Mr. Reg. Richards, with Mr. Tom Harris, the elocutionist, the Studio Trio, Mr. Eric Waters, pianist, the IYA Orchestral Octet under the conductorship of Mr. Waters, and a troupe of minstrels known as "The Ringers."

### The Final Concert.

FOR the grand finale on Saturday evening another series of exceptional little concerts will be presented. For the first twenty minutes the stage will be occupied by Ingall's Hawaiian Orchestra, Miss Lola Solomon (soprano), and Mr. A. McElwain (humorist). They will give place to the Asquiths, who will present one of their drawing-room entertainments, such as they broadcast from IYA. In the next session Mr. Eric Bell, a clever pianist, will contribute two solos, which will be followed by a one act play. The cast of characters will be Mrs. Culford Bell and Messrs. Jack Gordon and Noel Year. Then once more Ingall's Hawaiians will take the stage again, also Mr. A. McElwain and the Basham-Briggs Duo.

### Colour Scheme.

THE colour scheme will be one of exceptional merit. This has been given the careful consideration of a member of the committee. Three or four combinations will be used, so that the stand-holder, while given a limited choice to suit his individuality, will yet be in harmony with the general scheme of the whole building. The lettering will be uniform, likewise the shape and aspect of the stands.

From all sides the Auckland Exhibition is promising to be a very great success. Some optimistic Aucklanders state that they are expecting 12,000 to pass through during this time. While this is a very big number, we must remark that, if this large concourse avails itself of the excellent opportunities placed before it, the organisers of this venture will have good cause to congratulate themselves. Certainly the visitors will have every occasion to remember with pleasure their visit to the Auckland Radio Exhibition.

## Radio and Rugby

### No Detrimental Effect on Attendances

AN emphatic opinion that he considered the broadcasting of Rugby matches in the best interests of the game was expressed by the chairman of the Auckland Rugby Union Management Committee, Mr. H. Frost, at its meeting last evening, states "The Sun." A letter was received from the Radio Broadcasting Company thanking the union for co-operation during the season in the reporting of matches which had been greatly appreciated by those prevented from attending the games by disability or their distance from the ground.

Mr. Frost, who has recently been confined to his home through indisposition, said that he had listened in to radio descriptions of games played at Eden Park, and was very agreeably impressed. There was no doubt that the announcer, Mr. W. Meredith, was an extremely capable man. Mr. Frost considered that an old Rugby man would find it impossible to listen to the descriptions without feeling a strong desire to witness the game. Listeners who were not familiar with Rugby would be impelled to travel to the park and see a game, to the advantage of the sport.

## Primary Productions Advisory Committee

### Inaugural Meeting at Dunedin

A VERY important meeting was held at the studio of 4YA, Dunedin, on Thursday afternoon, October 17, at which a Primary Productions Advisory Committee was successfully constituted. The chair was occupied by Mr. A. R. Harris, general manager of the Radio Broadcasting Company, and there were present: Professor A. G. Strong (Dean of Home Science Faculty), Mr. R. B. Tennent (representing Department of Agriculture), Mr. W. B. Steel (representing the Otago Expansion League), Mr. L. W. McCaskill (representing the Training College), Mr. G. J. Errington (president Otago Expansion League), Mr. George Howes (representing the Portobello Fish Hatcheries), Mr. H. Chapman (representing the University of Otago), Mr. W. K. Dallas (orchard instructor, Department of Agriculture), Dr. Charles Chilton (late Rector of Canterbury College and organiser of the Primary Productions Advisory Committees of the Radio Broadcasting Company), and Messrs. John Ball and C. S. Booth (executive officers of the Radio Broadcasting Company), and Mr. J. MacKenzie (station director, 4YA).

Apologies for unavoidable absence were received from Mr. A. H. Allen (president Chamber of Commerce), the president and secretary of the A. and P. Association of Otago (Messrs. H. C. Campbell and E. F. Duthie), the president Southland Progress League, the president Southland A. and P. Association, Mr. D. Tannock (superintendent city reserves), Mr. James Begg (president Sheepowners' Association), Mrs. Jasper Clark (president Women's Division of New Zealand Farmers' Union), Mrs. S. P. Cameron (honorary secretary Women's Division of New Zealand Farmers' Union), Mr. E. S. Green (Education Board), Mr. O. O. Mackley (Department of Agriculture), Mr. W. D. Snowball (Live Stock Department).

In each instance the writer expressed his warm appreciation of the company's objective and his willingness to co-operate in the work of the Primary Productions Committee.

Mr. Harris welcomed the delegates on behalf of the directors of the Radio Broadcasting Company and briefly stated the purpose for which they had been called together. They believed, he said, that the broadcasting-service offered an effective and economic medium whereby it could materially assist in the development of the primary industries of the country. It was not every farmer who could attend lectures, but undoubtedly a good number of them would listen, particularly so now that the development of radio receivers had made it possible for them to hear easily the instruction and information that was put over the air.

With a standard of perfection reached by the modern receiving set it was now possible for all listeners to hear. The object of the company's public relations scheme was to increase the public utility of the broadcast service, and he would ask Mr. Ball to outline its purpose, operations and achievements, after which Dr. Chilton would give them more specific details as to what it was believed could be achieved with the co-operation of a committee composed of qualified experts, such as were the gentlemen present. The broadcasting service was not intended to compete with existing institutions, but to offer facilities for the wider dissemination of the information and instruction which those institutions existed to impart.

seminal of the information and instruction which those institutions existed to impart.

DR. CHILTON, after expressing his pleasure at finding himself back in Dunedin, and especially so in connection with radio, went on to say that he regarded this new and wonderful agency as affording unexampled means of education, and generally of promoting a wider interest in arts, science and culture. He said that when the directors of the company had asked him if he would help them to organise their scheme for the constitution of committees whose specific objective should be the promotion of the best interests of the Dominion's primary industry, he was very pleased to avail himself of the opportunity.

He said that by the term "Primary Production," they included not only all those engaged in primary productions on land, but also those who were developing the primary industries of the sea.

Dr. Chilton went on to explain what was done in this connection with the formation of a similar committee in Christchurch, for Station 3YA, and gave particulars of the strongly representative personnel of the excellent conference which was held in connection therewith. Continuing, he said that as the result of the deliberations of the committee then constituted, a very comprehensive programme of lectures had already been arranged. It was now desired to extend the benefit of this system to Otago and Southland, so that the lectures broadcast from 4YA might be adapted to the special farming characteristics of this part of the Dominion.

He was quite aware that this was not altogether a new thing in Otago, which in a sense was the home of wireless in New Zealand, owing to the investigations made years ago by Professor Jack. Taking advantage of this method, Professor Strong, Dean of the Faculty of Home Science, and Mr. Tennent, of the Department of Agriculture, had done valuable service in broadcasting to the farmers and to the farmers' wives lectures dealing specially with their work.

Dr. Chilton said that they looked with confidence to the co-operation of the Department of Agriculture, the University, the A. and P. Association, and other bodies connected with agricultural questions for assistance and advice, and he felt sure that with their assistance this scheme would be successfully launched to the benefit of the district.

MR. R. B. TENNENT said he had been greatly interested when the Primary Productions Committee was set up in Christchurch and had read with great interest the history of radio instruction that had been previously given in this Dominion.

Nobody realised more than he did how valuable that instruction could be. However, he had been somewhat disappointed on reading that history to

find that no mention had been made of what had been done at the Dunedin station in this connection as far back as three years ago. At that time Professor Strong and himself had given regular lectures to farmers and to farmers' wives, one night a week, for a period of six months. He knew that these lectures had been appreciated, but he mentioned the fact now, not for any personal reason, but in order to emphasise the fact that the Dunedin Station was the first station in New Zealand to give farmers the benefit of these lectures.

He expressed himself in full sympathy with the proposals of the Broadcasting Company, in the furtherance of which he would be pleased to do all he could to help.

MR. HARRIS said he could assure Mr. Tennent that there never had been the slightest doubt in the minds of the directors of the company that

the Dunedin lectures on farming matters had been widely appreciated. As in evidence of this, he mentioned that a gentleman resident in Wanganui had mentioned to him that he had never missed any of the lectures broadcast from Dunedin at that time.

Professor Strong, and Messrs. G. J. Errington, H. Chapman, W. K. Dallas and C. S. Booth indicated their sympathy with the movement; and after an interesting discussion of various matters incidental to the service it was proposed to render to the farming community, it was resolved:—

That this conference approves of the extensions of the Public Relations scheme of the general manager of the Radio Broadcasting Company to include Primary Productions Committees; further, That for the purpose of co-operation with the Radio Broadcasting Company in extending its services to primary producers a 4YA Primary Productions Committee be constituted consisting of representatives of those organisations invited to this conference.

On the motion of Dr. Charles Chilton, the following were appointed an executive: Professor A. G. Strong, and Messrs. R. B. Tennent, James Begg, S. P. Cameron, R. W. McCaskill, and a duly accredited representative of the Broadcasting Company.

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# The New Zealand Radio Record

(Incorporating the "Canterbury Radio Journal.")

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P.O. Box 1032, WELLINGTON.

WELLINGTON, FRIDAY, OCTOBER 25, 1929.

## OPENING OF 4YA.

ELSEWHERE in this issue a full account is given of the opening of 4YA, Dunedin, which took place on the evening of October 16. This station is conveniently situated on an upper floor of a modern newspaper building in Dunedin, and, by reason of its arrangements, takes rank as the most efficient and compact unit of the four stations now operating in the Dominion. Advantage has been taken of experience gained in the other stations, and elsewhere in the world, to arrange all details of studio and transmission apparatus on the best lines, and it is felt that a creditably high standard in lay-out and resulting performance has been attained. Listeners in the northern part of New Zealand who enjoyed the opening night's concert report that transmission from the new-comer is admirable; that strength is more than up to expectations, and that in the Wellington area, at any rate, the volume as received was greater than that from 3YA, Christchurch. The quality of transmission on the opening night was excellent, and static alone prevented the evening's reception taking rank as practical perfection.

THE speeches delivered were worthy of the occasion. It was impossible for the Postmaster-General, the Hon. J. B. Donald, to visit Dunedin, but, speaking from his office in Wellington, he delivered his address. His voice was transmitted over the wires of the Post and Telegraph Department to Dunedin, and there rebroadcast by 4YA. From that rebroadcast they were relayed back again to Christchurch, and there again transmitted by 3YA. Advantage was taken of this method of transmission to explain to listeners the procedure of conveying the Postmaster-General's voice from Wellington to Dunedin, and over the air to listeners. This phase of the speech was interesting from its indication of the technical skill involved in the transmission of voice by wire over such distances.

DEALING specifically with radio, the Postmaster-General took the opportunity to point out the short period in which radio had been in effective operation. Although markedly a new-comer to modern civilisation, radio has leapt into the forefront as a requisite of every-

day life, and within a decade from its practical commercialisation takes rank as an essential. New Zealand, he pointed out, has not lagged behind the rest of the world in this field, and with the rapid approach of licenses to the 50,000-mark, pride may be felt in the standard attained. It was pointed out that co-operation between the Radio Broadcasting Company and the Post and Telegraph Department over recent months has resulted in a number of concerts of definite merit being given from provincial centres to listeners. These performances have been made possible by the increased technical efficiency of the Post and Telegraph Department's apparatus. This field is being expanded, and the Postmaster-General indicated that it is hoped other centres will speedily be linked by improved land-lines to such a degree as to permit of the field being widened still further.

ON this point it is timely to refer to the scheme advanced by the Radio Broadcasting Company some time back for the provision of relay stations in selected provincial centres. That scheme was the result of careful thought and calculation, and showed that the Broadcasting Company was prepared, with the necessary business revision of financial arrangements, to find the capital required for the provision of these extra stations, and to expand its services in the direction of establishing a more complete network of stations throughout the Dominion to serve a wide circle of listeners. Owing to the peculiar geographical configuration of New Zealand and of the area served by the existing radio stations, much of the area covered is unprofitable, as the sound is disseminated over water barren of population. To reach those large provincial areas, which offer the best undeveloped market for radio, the provision of land-lines and local relay stations is necessary. It would appear that the Post and Telegraph Department is steadily equipping itself to provide the necessary network of efficient land-lines capable of serving a broadcasting chain. This is necessarily a work of considerable magnitude, and time must be given for its completion. On the assurance of the Postmaster-General, it can be taken that due progress is being made in this direction, and that revives the hope, that, when the time is ripe, the mature scheme placed on record earlier by the Broadcasting Company will be adapted and developed to meet the needs of the situation as it may then exist. That scheme would have the effect of placing in a number of provincial areas the means of enjoying the programmes of the main centres. Further, it would permit of their local talent being developed and made available to city audiences, thus at one sweep widening the reservoir of talent available for broadcasting purposes.

COMPLETION of the Dunedin station fulfills the original obligations entered into by the Broadcasting Company with the Government. That scheme has attained a high degree of efficiency; but, in view of the expanding desire of the public for the benefits of radio, it is necessary to envisage further developments. In view of the political and financial condition of the country, the time may not be opportune for prosecution of this further effort. It is, however, due to listeners and the Company to place on record the fact that a scheme has been submitted for consideration on a basis which, given the necessary adjustments, the Company is prepared to follow to finality.

THE hope was expressed by the Postmaster-General in his remarks that, with the attainment of 50,000 licensed listeners, it might be possible to adjust the license fee in a downward direction. It is questionable in our mind whether, having regard to the need of expanding the service by providing provincial stations, this would be desirable. It might be preferable to maintain the license fee on its existing level, and devote the revenue so derived to expanding the service in the direction indicated. Cheapness to a point is certainly desirable as conducing to the popularity of radio; but we do not imagine that the few shillings that would be saved to listeners by an adjusted fee would popularise the service to a greater degree than would the provision of increased facilities and an extended service. We are inclined to think that listeners would prefer to continue paying 30s. and secure longer hours of operation and more provincial relay stations, rather than have the few shillings that might be saved by a reduction. This is essentially a matter for close computation; but our present view is that the radio listener is not so hard pushed as to make the saving of so small a sum desirable. He would, we think, prefer to see the money put into better national equipment in the shape of more relay stations, longer hours of operation, and the importation, when practicable, of outstanding artistic talent.

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M.I.R.E., A.M.I.E.E. (Lon.)  
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## HE KNOWS!

"He that knows, and knows that he knows, is a wise man; follow ye him!" Mr. Sidney Hall, dentist, Levin, knows that Sydal is good for keeping the hands soft and free from cracks, chaps and roughness. "I find it most beneficial and have used it for 25 years," he writes. Good example to follow.

**Temuka Competitions****Broadcast of Concert**

THE demonstration concert to be held in connection with the Temuka competitions on Friday, November 1, is to be broadcast by 3YA. The concert will be the grand finale to the week's competitions. The prize winners will all take part and will enjoy the privilege of having their items broadcast. Record entries have been received for the competitions.

The adjudicators are:—  
Elocutionary, vocal, and instrumental: Mr. Arthur Lilly, A.R.C.O., of Christchurch.

Dancing: Miss Gladys Bushell, of Ashburton.

Piping: Mr. W. Cargo, Seadown.

Literary classes: Mr. D. Ferguson, M.A.

**Whangarei Relay****Alteration in Date**

OWING to unavoidable circumstances the Salvation Army Congress Band will not be able to broadcast from Whangarei on Sunday evening next, October 27.

In place of the entertainment which was to be given by the Salvation Army Band there will be a concert from 1YA Studio. The contributing artists will be Miss Nellie Lingard (contralto), Miss Maisie Carte Lloyd (elocutionist), and Mr. Eric Paton (baritone). Mr. Paton will make his initial radio appearance.

The next relay from Whangarei will take place on Sunday, November 3, the concert being supplied by the Whangarei Band.

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**The Wellington Symphony  
Orchestra****Another Broadcast from Wellington**

ON the evening of Thursday, October 31, the last concert of the Wellington Symphony Orchestra's first season will be given in the Town Hall, Wellington.

This performance will be broadcast, but it is a broadcast that is not intended for able-bodied folk who live in Wellington. The radio transmission of this eagerly-awaited pleasure is for the benefit of those who live outside the capital city, and for those Wellingtonians who lie sick and for those who minister to them. It is expected that all music lovers who are in sound health and within half an hour's travel of the Wellington Town Hall will avail themselves of the double pleasure of both hearing great music and of enjoying the rare atmosphere of great music played before one's eyes.

Wonderful as radio reproduction is, it is necessary to be present to sense the electric atmosphere and the tense expectancy of a performance of dramatic music. Even the luxury of an easy chair at home is nothing to the vivid experience of seeing as well as hearing the violins fling themselves down the scale in a frenzy of agitation; the long roll of the drums and the breathless silences in moments of stress; the triumphant fanfares from the brass; and finally the satisfaction of having helped merely by one's presence to make great music live again in a thousand listening souls.

The Wellington Symphony Orchestra is, of course, an incorporated society, and as such its promoters are precluded from participating in any profits. The orchestra, so far, has paid its way—no mean feat for its first year of existence. This does not mean that it is getting all the support it needs or deserves. Far from it. There must be hundreds of folk in Wellington who would be sufficiently interested to subscribe a guinea and receive subscriber's privileges if they only knew the wonderful work that this organisation is doing for the orchestral department of music both in the Capital City and everywhere within range of station 2YA. An orchestra costs a great amount of money to maintain. The production of an orchestral concert is an undertaking fraught with considerable financial risk. A rainy evening, to mention but one factor, may result in considerable loss.

This year has seen a season of which the conductor, Mr. Leon de Mauny, and those associated with him may well be proud. It behoves present subscribers to remain loyal to the organisation and support it next year at all costs, not only with their own guineas, but also with the guineas that they can persuade their friends to subscribe.

This last concert of the season on the 31st will devote the first half of the programme to Schubert: "The Unfinished Symphony," "The Erl King" (sung by Mr. Harrison Cook with orchestral accompaniment), and "The Rosamund Overture." The second half will include the overture to "Tannhauser," the first movement of the Schumann Pianoforte Concerto (Madame Evelyn de Mauny, soloist), the "Faust" ballet music, and one of Elgar's "Pomp and Circumstance" marches.

Both their Excellencies, Sir Charles and Lady Alice Fergusson, will be present. It will perhaps be their last public appearance in New Zealand at a local musical performance.

**Port Nicholson Silver  
Band****Acknowledging Donations**

THE following letter reaches us from Mr. E. Ormond, secretary Port Nicholson Silver Band:—

On the occasion of the last Sunday evening recital of the above band, an appeal was made to the audience for a retiring collection to assist the band in the purchase of a new set of uniforms.

An invitation was also extended to listeners-in to assist in this matter, and we are pleased to state that the response from both sources has been very pleasing indeed.

In reference to the listeners-in who have forwarded donations, they have been thanked by letter in every instance where it has been possible, but several donors have preferred to remain anonymous, and it is for the purpose of reaching these people that we solicit the assistance of your much-read journal.

We would be grateful, therefore, if those listeners-in who forwarded donations under the above conditions would please accept the band's sincere thanks and appreciation for their kindness, both in respect to the donation and for the many kind remarks and good wishes expressed.

Have you secured your copy of

"N.Z. Radio Listener's Guide?"

Dealers and Booksellers 2/6; Post Free 2/9—P.O. Box 1032, Wellington. Now Available.

**"Tom Jones"****To be Broadcast by 3YA**

NEXT Wednesday evening, October 30, at 3YA, the light opera "Tom Jones" (by Sir Edward German) will be presented. All the principal numbers will be sung. The cast will be supplied by the members of the Salon Quartet: Soprano, Sophia, Miss Corrie Aslin; contralto, Honour, Miss Dulcie Mitchell; tenor, Squire Western, Mr. H. Blakeley; baritone, Tom Jones, Mr. Graham Young.

Sir Edward German, the composer, was once a member of a theatre orchestra, then musical director at the Globe. To-day he stands high as a great English composer, and gained a well-deserved recognition in the last Honours List. When Richard Mansfield produced "Richard III" at the Globe, German wrote the overture and incidental music. It was quickly realised that in this one-time student of the R.A.M., England had found a new composer. The "Richard III" music was soon played at the big music festivals. In 1890 German had his Symphony in E Minor (which we seldom hear in these days) given at the Crystal Palace. In 1892 his "Henry VIII Dances," composed for Irving's production of the play at the Lyceum Theatre, placed him irremovably in the front rank. After this he wrote a good deal of charming light orchestral music and several light operas—among them "Tom Jones," "A Princess of Kensington," and "Merrie England."

**WANTED AND FOR SALE.**

For column of casual advertisements see page 32.

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A Testator appointing the Public Trustee his Executor may also desire to have his family solicitor, a public accountant, an intimate friend, or some other person in whose judgment he has confidence, associated with the Public Trustee in the administration of his estate.

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**ADVISORY TRUSTEES**

Further information relating to advisory trustees is contained in a folder just issued by the Public Trust Office.

You can get a copy from any Office or Agent of the Public Trustee, or free by post from the Public Trustee, Wellington.

## A Night Among the "Savages"

### An Outstanding Concert

A UNIQUE and very pleasant evening's entertainment was afforded 2YA listeners on the evening of October 17. A special programme by the Wellington Savage Club's Orchestra and concert party was broadcast, and proved a great success. The programme was well arranged, and the items were varied and well performed.

The concert opened with an overture by the Savage Orchestra, this item and many other orchestral numbers given during the evening being excellently rendered. The singing by various Savages throughout the evening was very good, and entertainment of a lighter nature was provided by several really humorous songs. One humorous item worthy of special mention was "The Disorderly Room"; this was rendered by the concert party. This sketch was based on the arrest and trial (by the sergeant-major) of Private May, whose propensities for appropriating other people's property were over-developed.

Private Jones was the chief victim, and an enumeration of his losses, ranging from rum-jars to his only sock, were very humorous. The arrest, trial, and sentence were sung to the tunes of various old songs; the sergeant-major passing the sentence to the tune of "Till the Sands of the Desert Grow Cold."

An interesting lecturette on "Maori Music" was given by Savage Johannes Anderson. Varied forms of Maori musical instruments were discussed, ranging from a "Pahu," made from a hollow totara log suspended by cords and struck with a matai mallet, to a "Putatara," a war-trumpet used by the Maoris to hurl insults at their enemies. Mr. Anderson gave two demonstrations

## 1YA Orchestral Octet

### Brilliant Instrumental Combination

THE General Manager of the Broadcasting Company announces the engagement of an orchestral combination at 1YA. An octet composed of leading musicians has been formed by Mr. Eric Waters, who will be the conductor. As will be seen from the personnel, all the members are brilliant instrumentalists. Their first radio performance will also be a public appearance, for they will play one evening on the stage of the model studio at the Auckland Radio Exhibition.

The members of the octet are:

Miss Ina Bosworth .....	1st Violin.
Miss Lois Walls .....	2nd Violin
Miss Mollie Wright .....	'Celliste
Mr. T. Fitchett .....	Bass
Mr. Gordon Eady .....	Clarinet
Mr. W. Shepley .....	Trumpet
Mr. R. A. Jury .....	Drums
Mr. Eric Waters .....	Pianist—Conductor.

### Speaking for Dumb Madame Winnie Fraser Friends

IN connection with the Animal Welfare Week, to be held by the Society for the Prevention of Cruelty to Animals, a talk is to be broadcast on Thursday evening, November 1, at 7.40. Throughout the week, too, during the children's sessions, juvenile listeners will be appealed to to be kind to dumb animals.

of Maori music, as produced by wind-instruments on the principle of a flute.

A march, played by the orchestra, concluded a first-class entertainment, and it is to be hoped that another concert organised by these talented Savages will be broadcast in the near future.

## Community Singing

### Very Successful in Auckland

"S. S. AWAHOU," 19/9/29. Here-with please find postal note for 5s. to help the cause, and to show how we appreciate the singing which we listen in to on Wednesdays from 12.45 onwards. It is our dinner music, and we usually hear you when we are out in the Bay of Plenty about 20 miles off White Island.—The Cook and the Steward."

This is an extract from one of many letters received by the Auckland Community Singing Committee which recently concluded a series of weekly midday sessions at the Town Hall. Other letters come from all parts of the Auckland province.

These midday broadcasts met with the appreciation of all listeners within hearing of 1YA. This has been borne out by a letter which the station manager at 1YA has received from Mr. Woodhead, hon. secretary of the Auckland Community Singing Committee.

The letter reads as follows:—

"I am desired by my committee to express to you their great appreciation of the services rendered by your station in the broadcasting of the community singing during the season just closed, and also of your own personal interest and help in our work. That this appreciation was shared by very many people in all parts of the North Island was evidenced by numerous letters and personal expressions received by me, and I think you will be pleased to have the accompanying extracts from some of the letters. It will, I am sure, be as gratifying to you as it is to the committee to know that our joint efforts have helped to cheer many workers in the back-blocks and at sea, as well as the unfortunate people who, through infirmity, were confined to their homes. I hope it may be possible to make similar arrangements next season. I am also requested to ask you to convey to Miss Millicent O'Grady and Mr. Dudley Wrathall, the committee's sincere thanks for their delightful songs, so readily and efficiently given."

### To Sing at Exhibition

STATION 3YA is busy arranging concert programmes for the public performances at the Christchurch Radio Exhibition, which opens on Tuesday, November 12. Leading Christ-



church artists will perform and among those also engaged is Madame Winnie Fraser, of Oamaru.

The Christchurch radio traders are working steadily and systematically in organising the exhibition, and the Broadcasting Company is freely co-operating.

The exhibition opens in the Choral Hall on Tuesday, November 12.

## Labour Day, 1929.

### Rail Fares Cut for Holiday Trips!

The Railway offers substantial reductions in fares to all—from and to all stations—from 25th to 28th October. Tickets are available for return to 23rd November.

Only three whole tickets needed for mother and father and ALL their children under 16 years of age.

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## BURGESS RADIO BATTERIES



# Contract for Stations Completed

## Views of 1, 2 and 3YA

(Continued from front page.)

casting. It now remained to complete the contract by the erection of the new 4YA.

### The Question of Dunedin.

MANY of the older listeners will remember the station VIDN at the New Zealand and South Seas Exhibition. Previously, Dunedin had a private station known as 4YA, and when the Broadcasting Company took this over in 1925, it was rebuilt and transferred to the site at the exhibition in time for the opening in November. After it had been in operation for a few weeks, its power was increased to half-kilowatt. When, however, the exhibition closed down, the station was dismantled and removed to its old premises in Moray Place, Dunedin. Considerable constructional alterations were effected from time to time. Studios were duplicated, and everything done to make the station as presentable as possible. Its power was still below that of the other stations. This fact caused a great deal of dissatisfaction among South Island listeners, and efforts were made by the Broadcasting Company to bring it into line at the earliest possible opportunity.

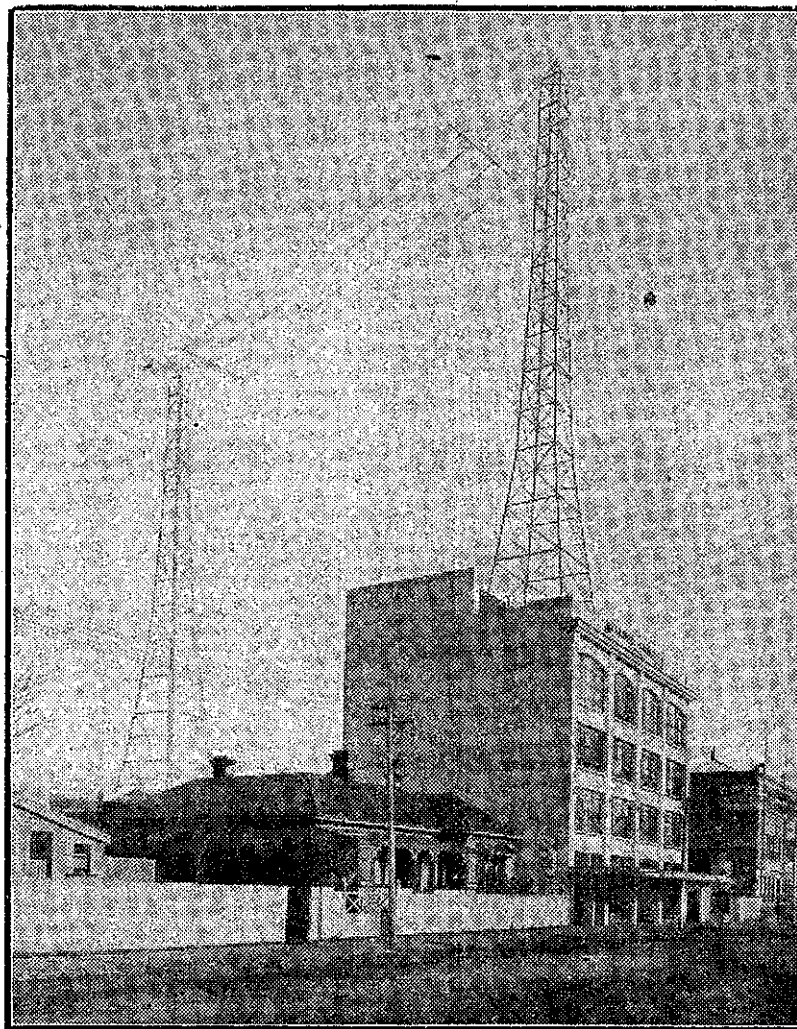
That opportunity occurred Wednesday last, when, with chorus of bagpipes, never before heard over the air from a southern hemisphere station, the new 4YA came on the air.

To mark the occasion a large number of distinguished guests assembled. These included representative citizens, including the Mayor of Dunedin, Mr. R. S. Black, and officials of the company.

The strides taken by radio in the last few years was symbolised by the relaying of the Postmaster-General's speech from Wellington. Though marred by slight surge, the speech was intelligible and its message was welcomed by all interested in the future of radio.

### Hon. J. B. Donald's Address.

YOUR Worship, Mr. Harris. Ladies and gentlemen assembled at the 4YA



Aerial equipment of 3YA, Christchurch, the second of the new R.B.C. stations to be completed.

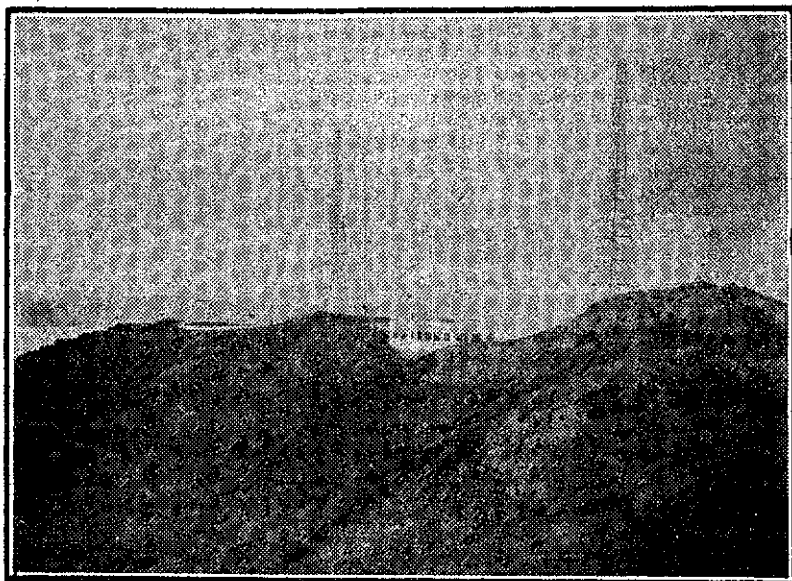
studio and those who are listening to 4YA this evening, commenced Mr. Donald. First of all, I wish to thank the Radio Broadcasting Company for its invitation to me to open its new Dunedin station. I regard this as quite a compliment, not only because I am Minister of Telegraphs and in charge of radio, but also because I am personally very much interested in the development of all branches of wireless in New Zealand.

I have been introduced this evening by a skirl of the bagpipes—the national music of Scotland—and it is perhaps appropriate that the opening ceremony should be performed by one of Scottish ancestry, in view of the great part which Scottish people have taken in settling and developing Otago and Southland.

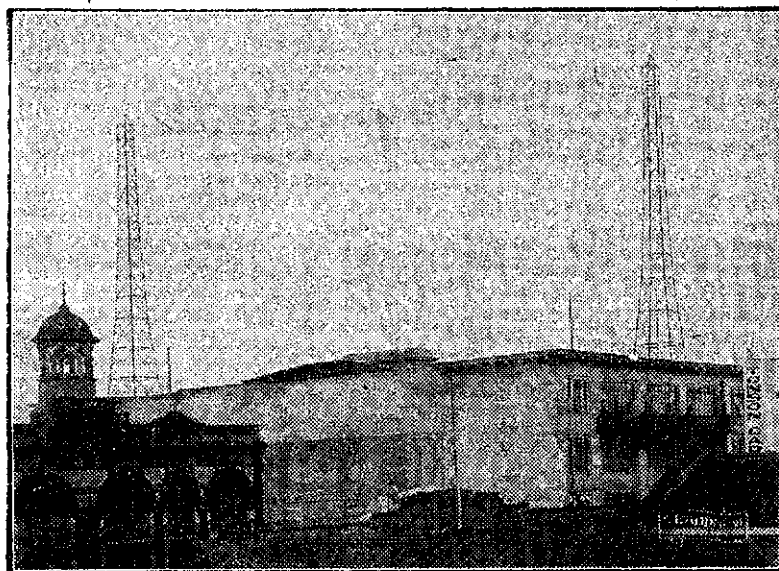
Radio broadcasting has now become so much a part of our everyday lives that it will perhaps surprise many of the younger people to know that it has been in existence for only eight years. In 1921 it was still in the experimental stage. In that year a few proprietary stations commenced to function in America. A service commenced in London in 1922, and New Zealand in 1925.

We are so accustomed to-day to the marvels of science that we often fail to see the romance which surrounds the march of progress. In 1861 the pioneer engineers of my Department were seriously considering such burning questions as the opening up of telegraphic communication over short distances in Canterbury and Otago, such as Lyttelton to Christchurch and Port Chalmers to Dunedin. To-day I am able to sit in my office and address a gathering in the studio of 4YA, as well as a much wider radio audience in Dunedin, Otago, New Zealand, and countries around its shores. It may be of some interest if I briefly indicate the transformations and processes that are involved in the transmission of my voice from the Capital City to my unseen audience.

The familiar telephone in front of me is the first link in the chain, and



The most powerful station in the British Overseas Empire, 2YA, Wellington, situated on the heights of Mount Victoria, is a familiar landmark.



On the top of George Court and Sons building, Auckland, rises the masts of the oldest station erected under the R.B.C. contract.

it furnishes to the Wellington toll-switching centre, electrical counterparts of the speech which falls upon its microphone. From this point these complex electric currents pass under the waters of Cook Straits per medium of a special submarine telephone cable so designed as to neutralise the distortion which would otherwise occur. After emerging from the Strait at the northern end of the South Island, the method of transmission changes. The carrier current section of our telephone system now takes charge. It amplifies the speech currents, and sends them on to Christchurch by the agency of radio frequencies. The process is, in many respects, similar to that of broadcasting, with the exception that, instead of being broadcast for general reception, the message is secretly guided along the existing toll line. At the Christchurch toll-switching centre, further amplification takes place, and the radio waves are transformed into ordinary telephonic currents suitable for transmission over the copper wires by which the telephone exchanges at Christchurch and Dunedin are connected. The toll centre at Dunedin has switched the toll line on to the new broadcasting transmitter, and thus I am able to control its operation just as if I were in Dunedin speaking into the studio microphone.

#### Toll Relay Lines.

**DEPARTMENTAL** toll lines have, during the last twelve months, been used to a considerable extent for the relaying of concerts and other entertainments between the different centres. These efficient talking channels have, I trust contributed in no little measure to the keen interest at present being taken in broadcasting by the New Zealand public. I am pleased to be able to say that my Department has under consideration means whereby centres that are at present outside the scope of relay broadcasting may be brought into the network. Such measures will, no doubt, assist both the Broadcasting

Company and the radio listeners of New Zealand.

#### Technical Aspects of New 4YA.

**DUNEDIN** took an early part in broadcasting, and is to be congratulated on the fact that its radio pioneers played a noteworthy part in creating an interest in broadcasting matters. Since those early days, great advances have been made in the technique of broadcast transmission; much greater stability has been secured; harmonic interference has been reduced; quality of transmission has undergone considerable improvement, and the average power of stations has been increased. This kind of thing has been taking place all over the world; and Dunedin is to be congratulated upon opening a station which, I understand, is to be of considerably greater power than formerly, and which I trust will incorporate all the best features of modern broadcast stations. Increased power should bring many benefits in its train: the range of communication will be increased, so that listeners in other parts of Otago and New Zealand should get greatly improved reception; the strong signals will reduce the effect of disturbing influences which at times are present in radio, such as atmospheric and interferences from electric power circuits and appliances; within a few miles of the station a more simple type of receiver will be possible; and all these things should, and no doubt will, lead to an appreciable increase in the number of licensed listeners.

#### Speculative Possibilities.

**MANY** interesting things have happened of late in connection with New Zealand broadcasting, notably in the direction of relays from remote centres, and even from overseas broadcasting stations. There is no doubt that, with the rapid advances that are being made, broadcast listening will become more and more fascinating as time goes on. Overseas relays will extend to greater

and greater distances, with a gradual reduction of atmospheric interferences and fading. The broadcasting of still pictures is already being done in certain parts of the world, and the broadcasting of moving objects—or television—is being experimentally demonstrated. Even the radio transmission of talking pictures is prophesied. It is therefore clear that broadcasting in the future is likely to create a keener interest than in the past, and that its wonderful function as a public entertainer and educator will undergo even yet greater development.

#### Licenses.

**THE** number of receiving licenses for the Dominion at the end of September was 47,442; and at the present rate of issue, the 50,000 mark will be passed before the end of March next.

The district figures are as follow:—

Auckland .....	15,519
Wellington .....	19,480
Canterbury .....	8,435
Otago .....	4,008

The opening of the new station at Dunedin should give a much-needed fillip to the issue of licenses in the Otago district.

I am looking forward to the time when a reduction of license fees will be possible. The more licenses there are the sooner this will come about. Therefore every licensee should endeavor to secure as many recruits as he can.

Ladies and gentlemen, I have much pleasure in declaring the new 4YA station open, and I wish its every success.

#### Mr. Black's Comments.

**FOLLOWING** the Postmaster-General, Mr. Black addressed the microphone:

"We all like to be happy," said the speaker, "and to know that others are striving to add to our happiness, creating a comfortable feeling and making us anxious to reciprocate. On those lines the Broadcasting Company is adding materially to the joy of living, and as pleasure physicians it improved the health of the people."

To the tired mother or the confirmed invalid in the backblocks would come the sweet strains of music or an encouraging address or comforting song, while to the farmer worrying about the drought would be brought the news by radio that rain would be in abundance immediately. The value of advice by radio in cases of accident and illness to those in the backblocks was too obvious to be stressed. It was beyond understanding to know what caused the transmission of voices, for one spoke into certain apparatus and that apparatus manufactured a synthetic voice to be sent across the world. Another piece of equipment received the transmission, amplified it, and reproduced it as a machine-made voice, but as near the original as possible.

"Dunedin is very proud of its new 4YA, and congratulates those responsible for the completion of the station. May static for ever be banished from the field of operations is the earnest wish of the many friends of radio," he concluded.

**THE** opening concert—a credit to the producers—then proceeded. Each item was rendered by an artist of first-class ability, and when supported by a station whose transmission was flawless, little was left to be desired. Much could be said about a deep, rich bass who put every speaker to test; of a

sweet and mellow violin, and of a rare treat of Scotch humour; but to do justice to this combination of talent would be a task of no mean dimensions.

Finally Mr. J. Bail, editor-announcer of the Broadcasting Company, spoke:

**ON** this happy occasion it is my pleasure and privilege, speaking on behalf of Mr. William Goodfellow, chairman of directors of the Radio Broadcasting Company of New Zealand Limited, and Mr. Arnaud McKellar and Mr. A. R. Harris, his co-directors, to convey to all listeners and more particularly those whom primarily 4YA is intended to serve, their cordial greetings and hearty good wishes.

To the listeners of Dunedin and Otago especially the occasion we are celebrating this evening—the opening of the new transmitting station and studios of 4YA—is of particular interest. I might go further and describe it as an event of momentous importance, for such most certainly it is. Henceforth listeners throughout this splendid province will enjoy a broadcast service second to no other—a service which we hope and believe will prove of inestimable value to the entire community of city, town and country.

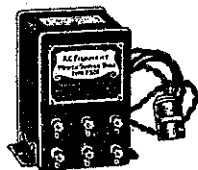
Radio to-day, as I feel sure you realise, has become a vital factor in the lives of the people. With almost incredible rapidity, as we are wont to estimate human achievement in the measure of time, it has leapt from infancy to maturity, and now, firmly established and almost universally recognised as an indispensable national service, is daily making the potency of its intimate and far-reaching influence felt in every department of human activity—religious, intellectual, economic, industrial and social. We who are in constant touch with modern marvels never cease to wonder at it.

Who, placed as I am at this moment, could be other than inspired by the knowledge that even as I speak my voice is reaching out through the invisible ether to thousands of unseen listeners? Think of it! The air around us, everywhere, is filled with a veritable welter of speech and music. Whatever at this moment is being said, sung or played in any part of the world is being flashed in every direction from every point of the compass, through the rooms in which you are listening, yet it has been placed in your power to select and make audible the one voice to which you are listening!

Not only are you witness to the power of invisible and inaudible transmission of sound, but you are witness also to the even more seemingly miraculous capture of individual soundless sounds, vocal and instrumental, and then transformation from the inaudible to the audible! Is it surprising, then, that we who are perpetually confronted by these marvels should be inspired to do all that is humanly possible within the limitations of the circumstances and conditions by which we are encompassed, to make the broadcast service of this Dominion of the utmost use and value to our fellow New Zealanders?

**WE** are proud of what already has been accomplished, and proud, too, to be able to say that the service for (Concluded on page 12.)

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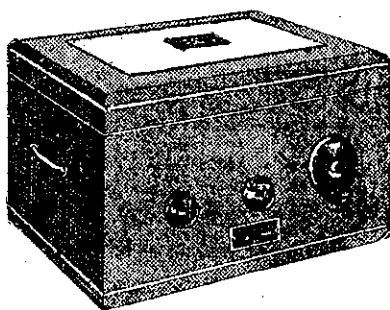


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with Valves

## THE COURIER ELECTRIC

### THE COURIER Q.R. 3



£27/10/- Complete.

There are several points of outstanding interest about this set.—We list them briefly, but suggest you write for the leaflet giving full particulars, as this set shows a number of almost unique features. There is no local interference. Both long and short-wave stations on the same set. A special plug for gramophone amplification. A device enabling voice amplification. Portability.

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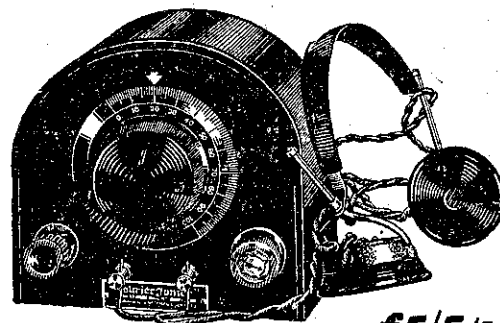
The Courier Electric Model E.S. gets the stations, local and Australian, and does it without an aerial! An ingenious new arrangement of the amplification circuit combines an electric screened grid with a pentode valve. A super-sensitive and sweet-toned set is the result. Note the six unusual features:—

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**Contract Completed**

(Continued from page 10.)

which we are responsible is throughout in tone and character such that no father and mother need hesitate to allow their children to listen-in to at any time. Much that we broadcast is of no interest to the child mind, but, so far as it is humanly possible to prevent it, nothing shall ever be allowed to go over the air that will do harm to the youngest listener.

It is our business to amuse, to entertain, to inform people of all ages and all classes; but we should be recreant to our trust were we to lose sight of the great responsibility which rests upon our shoulders, or, as Mr. Harris himself has expressed it in an interview in this evening's "Star":—

"We have a great and varied audience to please. We cannot hope to please all that vast audience all the time. But we do believe that we have fashioned a service which cannot fail ultimately to please the great majority of listeners at one time or another. If a listener feels that in some particular we are not meeting his requirements as fully as we might—if he thinks there is some form of service now not given which might be given with advantage to himself and others—he need not silently nurse a grievance which, if it is a legitimate grievance, may possibly be remedied. Let him write to us and tell us about it. Broadcasting is the world's most intimate service and listeners should take us into their confidence. We may not be able to do just as each one wishes, but all may rest assured that their representations will receive sincere and earnest consideration."

And now, in conclusion, I have been requested by the directors to invite you to visit these studios. You cannot, of course, come en masse, for the accommodation is limited. Therefore, if you will be good enough to graciously accept this invitation, just drop a line to the Station Director, 4YA, taking care to give your name and full address, and you will promptly receive in return a card of invitation giving the day and date when it will be convenient to accord you a cordial welcome.

**"Rough" Usage Beneficial**

AN instance of supposed rough treatment, now stated to be good practice, may come as a surprise to many. Careful valve users are accustomed to switch off their valves before removing them from the holders. It is now asserted that this practice is liable to result in damage to the filament, since it is in a comparatively brittle condition when cold. On the other hand, when the filament is glowing it is much more elastic. Consequently, if a valve is removed from its holder without switching off the filament supply, there will be little risk of damage to the filament from the slight shock which usually occurs as the valve legs are withdrawn from close-fitting sockets.

It appears, therefore, that the most convenient practices are also those to be recommended for long valve life. Anyone who is thoroughly accustomed to the handling of valves will do well, however, to take out the B battery positive plug before changing valves in their holders.

dress, and you will promptly receive in return a card of invitation giving the day and date when it will be convenient to accord you a cordial welcome.

HE was followed by the pipe band playing Scotch airs that roused the national spirit of every Scot. If Dunedin can supply more of this unique broadcast we are very happy the change to greater power has been made.

Reports came to hand from all parts of New Zealand. All were unanimous—"A splendid effort"—and nearly all "No fading, but static."

Static was bad and somewhat spoiled the excellent performance, but it was nevertheless 100 per cent. enjoyable.

When, at about 10.30 p.m., the new phase in New Zealand broadcasting entered into.

**Our Mail Bag****Satisfaction from 2YA.**

JUST a few lines to express my appreciation of the very excellent programme given at the 2YA studio last evening, 13th instant, and I feel sure I am expressing the views of many others. With all good wishes.—Very Satisfied (Cambridge).

**Power Noises.**

I PROTEST against the constant traifway noises resulting from electrical leakages in and about Lyall Bay. I think the authorities concerned might try and lessen this annoyance, which at times is almost insufferable. It means that one can listen to the local station only with any measure of peace. I think the P. and T. Department could bring the Wednesday night "Whistling Willies" to order. I am sure that many fellow-sufferers will echo the protest, and, who knows, something may be done.—Fair-Go (Lyall Bay).

**Maori Music.**

I WOULD like you to convey to Mr. Anderson the appreciation of one of your listeners for the wonderfully interesting lecture that he gave last night (October 10) on Maori Music. This gentleman is, to my mind, especially gifted; he has a most pleasing voice, and, like his subject, is musical, while every word is distinct. His matter is most refreshing, impressive, and instructive. Maori music has always appealed to me, and after last night's lecture much of interest is in store for me from his further talks upon the subject. I would also like to thank this gentleman through the medium of your paper for the delightful discourses he gave some time ago on Native Birds. His imitations of the various birds were splendid. I trust that your programmes will frequently have Mr. Anderson's name thereon.—D. E. Booth (Dunedin).

**Old-Time Songs.**

WE wish to express our appreciation of 3YA in broadcasting old-time songs and recitals on Saturday night, October 12. All listeners in this locality thoroughly enjoyed the programme. May we suggest that one evening a week is devoted to old-time songs and music by each of the four stations.—John A. Pyle (Picton).

**Waitomo Caves Concert.**

REFERRING to the grumblings of a few listeners of that highly enjoyed concert given in the Waitomo Caves recently, we up in the backblocks of Gisborne cannot learn from others that this was a very poor one, for everyone up in this district enjoyed it immensely. Moreover, it was heard as distinctly as if the singers were close by.—Charles Gowland (Gisborne).

**Getting in Early.**

CAN you advise me when Southland listeners will either have a broadcasting station or a relay station from 4YA at Invercargill. It is ridiculous that a town of this size is without a broadcasting station, considering there are so many enthusiasts here and so many young people who are anxious to install crystal sets. It does not help to boost radio when we are dependant on distant reception. Being an enthusiastic radio fan, I am always endeavouring to obtain new listeners and I am quite satisfied that if a station was erected in Invercargill licenses would increase rapidly and fully reward the R.B.C. in a very short time. It would mean that the humble crystal set would take a big part in radio activity of this district. I sincerely hope the R.B.C. will see that Invercargill is the first town to be linked up by the proposed scheme of relay stations throughout New Zealand.—"Radio Fan" (Invercargill).

**Trade Developments****Units for Linen Diaphragm**

AFTER a long delay suitable units for this, the home constructor's most popular speaker are now available, for a Wellington firm, Messrs. F. J. W. Fear and Co., have secured a stock. The models in stock, 66A and 66K, are both well suited to the linen diaphragm. A speaker using these units might easily be constructed. A cone of suitable paper supported so as to take the weight off the spindle is all that is necessary, and it is surprising what these speakers can accomplish. The frequency range compares very favourably with many complete speakers—they far exceed cheap speakers, while a carefully constructed linen diaphragm will rank second only to a dynamic.

**Criminals and Radio**

THE Chicago police department is so impressed with the efficiency of the wireless control of Scotland Yard's "flying squad," that it intends not only to follow their example, but also to improve the system. A 5 k.w. central station is to be erected, and 150 cars are to be equipped with receiving apparatus. The larger cars are to be manned by five police officers, and will be armed with machine-guns, shot-guns, revolvers, and tear bombs. Cameras and finger-print equipment will also be carried. The enterprising burglar will have no cause to lament the monotony and lack of thrills in the pursuit of his calling.

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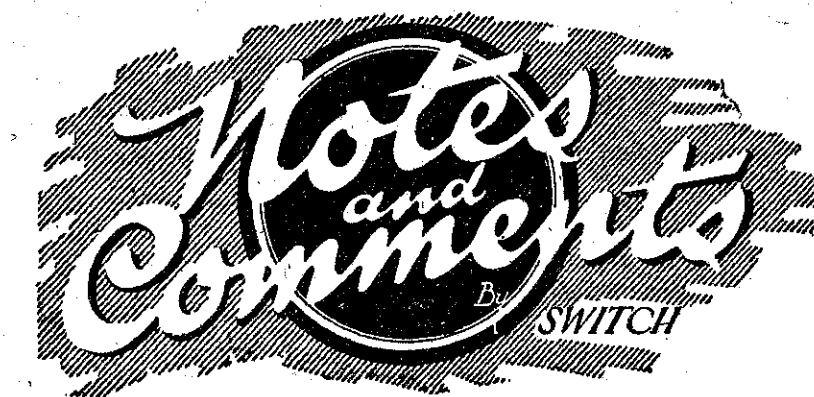
**"EXTENSION"** (Lower Hutt) wants to know whether there would be any loss in volume if he ran a 50 feet cord to his loudspeaker instead of the present 10 feet cord. He is using a five-valve set. No appreciable loss of volume would be noticed. Some suburbanites take their loudspeakers out on their lawns on a Saturday afternoon to listen to the broadcasting while they are pottering about the garden.

**"SWITCH"** tenders his congratulations to the Broadcasting Company on the excellence of the transmission of the new 4YA, Dunedin. The volume is considerably greater than the old 4YA, and the modulation and tone are exceptionally good. A peculiarity in favour of the new 4YA is that fading is only slight, and of brief duration. The fading periods are widely separated, and there is not the usual distortion associated with fading. Wellington listeners are delighted with the new 4YA.

IN various New Zealand centres listeners are at times subjected to serious interference from electrical leakages which in many cases are preventible. It would appear, however, that there the P. and T. Department has no legal remedy against those responsible for the trouble, though moral persuasion is generally successful in removing the cause of the trouble. The Richmond River Listeners' League, Lismore, N.S.W., recently sent a protest to the Federal Prime Minister against the preventible interference experienced in the district from electrical leakages, etc. The league also addressed the following question to the Members of Parliament:—(1) Do you consider that the Government officers controlling broadcasting operations should be given the powers necessary in the matter of preventible interference? (2) Will you use your best endeavours to have such action taken in the interests of approximately 1,000,000 listeners throughout the Commonwealth?

THE wavelength of the new 4YA, Dunedin, is slightly shorter than that of the old 4YA. A Wellington listener who operates a set with knife-like selectivity was much perturbed when he failed to tune-in the new 4YA on the occasion of the opening night at that station. A slight movement of his dials, however, had the required effect, and 4YA came in with splendid volume.

WHEN neutrodynes first came out a belief was current that once they were correctly neutralised it was impossible to make them howl and thus occasion interference with neighbouring listeners. Yet the mere changing of a valve was apt to upset the balance of the set and make it a most



persistent howler. Just because a listener operated a neutrodyne set he claimed to be immune from suspicion of creating interference with other listeners, but not a few were disillusioned when their sets were checked up by experts. Not improbably many of the howls heard nowadays emanate from badly neutralised sets.

NEW Zealand listeners who would like an opportunity for experimenting with radio-vision should cultivate patience as the new development is not ready for general use yet. Recently in Menzies Hotel, Melbourne, Major MacLulich, F.R., Met. Sec., explained and demonstrated the Baird radio-vision (or "television") system before a number of guests. The transmitter was erected on the top floor of the hotel, and the receiver was installed downstairs. Everyone was surprised with the results, but the point of interest, of course, lay in the query as to the possibility of television receivers being used by the average listener. The major frankly admitted that the day had not yet dawned, but he believed that it was just over the horizon. In the demonstration that he had conducted the ordinary land telephone lines had been used, so that the difficulties that would arise in televising from a broadcasting station were avoided.

WHEN Sir Harry Lauder was in New Zealand some months ago, listeners urged that he be induced to broadcast an item or two, but they did not know our Scottish friend. If an American contemporary is reliable, Sir Harry Lauder agreed to break a lifetime rule—and a world's record—on September 1 when he was to receive 1000 dollars (£200) per minute for singing three songs for the Enna Jet-tick Boot Company in its sponsored fifteen minutes. OKY, Winnipeg, was the station, and it was linked up with 46 stations in U.S.A. and three in Can-

ada. As compensation for performing on a Sunday, Sir Harry insisted on being allowed to sing (for nothing) his favourite hymn in addition to the three Scottish songs for which he was to receive 8000 dollars (£600) each. This fee is three times as great as that paid to Al. Jolson.

**"SWITCH"** has heard of several New Zealand listeners picking up a Melbourne station recently, with the call they took to be "3GX." The writer suggests that the station was 3EX, 240 metres, 500 watts, owned and operated by Amalgamated Wireless, Ltd., at the All-Australian Exhibition at Melbourne. This was a temporary broadcast station shown as one of the working models at the exhibition. The company received reports of reception from several New Zealanders and from many parts of Australia.

RECENTLY a number of listeners in Australia wrote to the Press denying the statements of other listeners

who complained that reception of 2FC, Sydney, was spoilt by bad modulation. Then Mr. Oswald Anderson, manager of the station, published a statement admitting that complaints had been received regarding the poor modulation of 2FC. Then he added: "It happened that 2FC had blown out a few valves, and the engineers were having trouble at the moment."

THE receiving sets in use in the leading 25 countries are computed by the United States Department of Commerce as follows:—United States of America, 9,640,348 sets; Great Britain, 2,511,736; Germany, 2,350,000; France, 1,250,000; Japan, 550,000; Argentina, 530,500; Sweden, 371,000; Austria, 325,000; Australia, 304,000; Brazil, 250,000; Russia, 250,000; Italy, 250,000; Czechoslovakia, 250,000; Canada, 230,000; Denmark, 215,000; Netherlands, 150,000; Union of South Africa, 130,000; Finland, 127,000; Switzerland, 75,000; Norway, 70,000; Belgium, 62,500; New Zealand, 55,000; Mexico, 50,000; Chile, 30,000; and the Irish Free State, 30,000. In New Zealand many listeners have more than one receiving set, and this would account for a greater number of sets than licenses in the Dominion.

AS soon as the comments by "Switch" on the crowding of 4QG, Brisbane, on top of JOHK, Japan, appeared in last week's "Radio Record," the Brisbane station's wave-length was lengthened, and the Japanese station came in with exceptional strength and freedom from any interference. The first item from the Jap. was a characteristically weird, wailing song by a Jap. tenor, accompanied by some sort of mandoline-like instrument, which was twanged occasionally while the said tenor was taking his breath.

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# Next Week's Features

## 1YA Features

ON Sunday evening the service in the Auckland Baptist Tabernacle will be relayed by 1YA. The preacher will be the Rev. Joseph Kemp. The organist and choir-master will be Mr. A. E. Wilson. The after-church concert will consist of a relay from Whangarei, where an entertainment is to be given by the Auckland Salvation Army Congress Band.

CONTINUING her series of lectures, Madame Edith Baird will give a talk at 7.40 on Tuesday evening on "Artistic Physical Development." On Tuesday evening the light opera, "Gipsy Love," will be relayed from Hamilton. This will be produced by the Hamilton Amateur Operatic Society, and as the musical talent of Hamilton is of a particularly high standard, a fine broadcast should eventuate.

## 2YA Features

ON Sunday evening a special festival service of "Christ the King" will be broadcast from St. Gerard's Redemptorist Church, the preacher on this occasion being the Rev. Father T. Robinson, C.S.S.R. The choir will be conducted by Mr. Frank J. Oakes and the organist will be Mr. Henry Mount. At the conclusion of the church broadcast the Port Nicholson Silver Band, under the conductorship of Mr. J. J. Drew, and with the assistance of 2YA artists, will provide a studio programme of interest and merit. The outstanding band items will include the selection "Faust," a meditation "Requiem" (arranged by a local musician, Mr. Chas. Ross), a cornet duet, "The Miserere Scene" from "Il Trovatore," and an intermezzo, "Cosette," the work of a well-known local musician, Mr. Frank Crowther. The supporting artists will be Miss Eileen Higgins (soprano), Mr.

John Prouse (baritone), Mr. Harry Phipps (tenor), and Miss Evelyn Robinson (contralto).

ON Monday evening Mr. E. H. Dowsett, secretary of the Howard League for Penal Reform, will deliver a lecture on "Prisons of Two Centuries." The subject is one that Mr.

brief recital of organ numbers will be given by Mr. Henry Mount during the evening. Mr. Mount is the organist of St. Gerard's Redemptorist Church, and has had experience both in England and abroad. His items will be Lefebure-Wely's "Grand Offertoire," Colebridge Taylor's "Lament," and the "March in D" by Spohr. The orches-

the safety of flying. The concert programme on Friday evening will feature the Philharmonic Quartet in excerpts from grand opera, light opera, and musical comedy. The 2YA orchestra, under Signor Truda, will also feature selections from opera and musical comedy. Amongst the latter will be three selections which will be entirely new to listeners, viz., "The Casino Girl," "The Silver Slipper," and "The Girl from Berlin."

A HIGH-CLASS vaudeville programme will be given on Saturday evening. The 2YA Salon Studio Orchestra, under Mr. Dixon, and the Melodie Four will be heard in vocal and concerted numbers both grave and gay. Mrs. Winifred Birch-Johnson will entertain with a comic song and a whistling solo, and Mr. Will Wye, the popular entertainer, will be heard in several humorous numbers. Mesdames Mildred Kenny and M. Tonks will provide the novelty instrumental portion of the programme with a group of banjo duets. From 10 p.m. a dance programme will be presented, and the usual sporting summary will be given at 10.45 p.m.

## 3YA Features

THE service in East Belt Methodist Church will be broadcast on Sunday evening, the preacher, being the



MR. FINLAY ROBB,  
of 3YA, bass singer, one of the principals  
of the Revellers' Concert Party.  
—Stephano Webb, photo.



MR. LAD. HAYWOOD,  
A well-known contributor to 2YA  
programmes.  
—S. P. Andrew, photo.

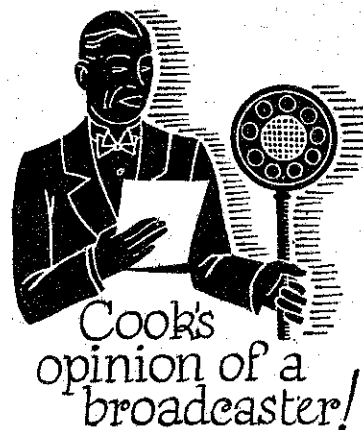
Dowsett has studied very closely, and his talk is bound to prove thought-provoking and interesting. The programme for the concert session will be of a high order, the contributing artists being that talented combination, the Ariel Singers, the Studio Orchestra, under Signor Truda, Miss Dorothy Innes (a talented young pianist from the studio of Mr. Gordon Short), and Mrs. Martyn Williams, one of Wellington's leading teachers of elocution. A

trina, under the conductorship of Signor Truda, will play the tone poem "Finlandia" as an opening number, a portion of Mozart's "Jupiter Symphony," Friedman's "Slavonic Rhapsody," a song suite of "Three French Songs," Pierne's "Serenade," a characteristic, "La Fileuse," and Strauss's well-known concert waltz, "Wine, Women, and Song."

A LIGHT popular programme will be presented on Tuesday evening by the Studio Salon Orchestra, under Mr. M. T. Dixon. The assisting vocal artists will include Mr. Val Jones (baritone), who will be heard in several ballad numbers, and Miss Anne Davies (soprano). Humorous items will be given by Mr. Len Ashton, the well-known entertainer, and Mr. Spencer Furrell will feature songs of a popular nature. From 9.30 until 11 p.m. listeners will be entertained with a Brunswick dance programme.

ON Thursday evening at 7.35 Mr. W. M. Jackson, gladioli expert, will speak on "Gladioli and Gardening Hints." On Thursday evening the concert of the Wellington Symphony Orchestra will be relayed from the Town Hall.

ON Friday evening Mr. R. R. Money will deliver another of his interesting talks on aviation, his subject on this occasion being "Flying Without Fears." The talk will serve to dispel several misapprehensions quite a number of people labour under as to



—she thinks he's wonderful during the evening programme—but when it comes to baking she'd sooner have a tin of ANCHOR SKIM MILK POWDER on the shelf than the finest radio going. A few spoonfuls added to every mixing means more delicious scones and cakes—higher food value—and a freshness that lasts for DAYS.

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Rev. W. Greenslade. Prior to the Christchurch broadcast there will be a half-hour's studio concert, and the church relay will be followed by a re-broadcast of 2YA.

**ON** Monday evening at 7.30 there will be a talk to farmers, when Dr. Chilton will review Bulletin No. 4, dealing with the winter feeding of cattle. A band concert, into which will be introduced a description of a wrestling match, will make a very interesting evening on Monday. The Woolston Band, under Mr. R. J. Estall, will play Old Hume's march, "Twentieth Century," and Rimmer's march, "Gallant and Gay," the overture "Raymond," a selection, "Sea Songs," Ketelby's "In a Persian Market," and a waltz, "Angelina." A trombone solo, "Drinking," will be played by Bandsman Williams, to band accompaniment. Bandsmen Ohlsen and Parsonage will play cornet and horn solos, to band accompaniment. The vocalists on Monday evening will include Mrs. Nora Puddey, a popular mezzo-contralto, and a singer new to radio, Miss Eve Polson, a pupil of Miss Annette Smith. Miss Polson possesses a fine mezzo-soprano voice. She is also a talented painter. Two splendid male voices will also be heard, Mr. C. R. Williamson (tenor) and Mr. A. Gladstone Brown (baritone). They will sing solos as well as duets.

**SIR EDWARD GERMAN'S** well-known light opera, "Tom Jones," will be given a radio presentation on Wednesday evening. All the principal vocal numbers will be sung by the Salon Quartet—Miss Corrie Aslin, Miss Dulcie Mitchell, Mr. H. Blakeley, and Mr. Graham Young. Instrumental selections from "Tom Jones" will be played by the Studio Octet under Mr. Harold Beck. Other numbers will be played by Miss Lucy Fullwood, pianiste.

**ON** Thursday at 7.30 p.m. Mr. R. McGillivray, Fields Superintendent of the Department of Agriculture, will give a talk on "Manuring of Crops." Thursday evening's programme will include numerous classical numbers. The performers will be the Studio Octet under Mr. Harold Beck, and the Melodious Four. The vocal numbers will include solo as well as concerted items. The programme to be presented will be an excellent one.

**ON** Friday evening the demonstration concert in connection with the Temuka Musical Competitions will be relayed.

**A** VARIED programme of the vaudeville type will be presented on Saturday evening. Mr. Fred Hale, singer of popular songs, and Mr. Alan W. Brown, well known on the local theatrical stage as an elocutionary entertainer, will contribute, also Mr. Geo. Titchener, humorist. Miss Millicent Jennings will give a very interesting lecture-recital on "Lullabies of Many Lands," illustrated with vocal and instrumental numbers by Miss Jennings.

Miss Dorothy Davies, Miss Irene Morris, and Mr. Harold Beck. Also contributing to the evening's programme will be the Joyous Pair, who will sing jazz songs at the piano with ukulele accompaniment.

## 4YA Features

**THE** service to be conducted in Trinity Methodist Church will be relayed on Sunday evening. The Rev. H. E. Bellhouse will be the preacher. A studio concert of specially selected records will follow.

**"THE MAID OF THE MOUNTAINS,"** the well-known light opera, will form the principal attraction on Monday evening, when the chief vocal numbers will be sung by the 4YA Harmonists. There will be an excellent supporting programme, which will include another recital by Mr. Angus Gorrie in his series, "With the Poets." On this occasion he will take Alfred Noyes.

**THE** Kaikorai Band, under Mr. T. Kirk-Burnand, will provide Tuesday evening's programme. The assisting vocal artists will be Miss Valda McCurdy, Mr. R. A. Mitchell and Mr. Les Stubbs. They will present a number of popular old songs. Recitations will be given by Miss Tui Northey.

**ON** Wednesday evening the entertainment will be supplied by the Four Aces Concert Party.

**THE** vocalists for Friday evening will be Miss Rae Stubbs (soprano), Miss Gwendra Burt (contralto), Mr. H. Drew (tenor), and Mr. G. M. Salmon (baritone). The instrumentalists will be the Studio Trio.

**ON** Saturday evening there will be a relay from 3YA.

## Children's Sessions

### AT 1YA.

**TUESDAY, OCTOBER 29.**—There'll be some lusty choruses, for the Mount Albert Grammar School boys are coming. And can't they sing! Be prepared for a 'ceeding-ly happy hour, with these boys in front of the microphone with Uncle George.

**WEDNESDAY.**—Here we are with Uncle Tom once again—cousins will have songs and many other things to while away the hour.

**THURSDAY.**—All aboard for the Radio Exhibition. Yes, we are going to conduct the Children's Session from the Town Hall, where the Exhibition is.

**FRIDAY.**—Still at the Town Hall, tonight with Nod and Aunt Jean. The Maori girls from Queen Victoria College will provide the programme with tuneful Maori songs and Poi dances.

**SATURDAY.**—Everybody on exhibition this evening, for all the Uncles and Aunts will be there. Why? It's our second birthday, of course, and don't miss listening whatever you do, for there's going to be plenty of fun.

**SUNDAY.**—Children's Song Service conducted by Uncle Leo, assisted by Beresford Street Sunday School.

### AT 2YA

**MONDAY, OCTOBER 28.**—Cousin Oscar is coming to play some merry tunes on his saxophone to-night, also Ailsa, who always sings such delightful songs for Radioland. Birthday greetings and a puzzle to think about, from Uncle Jeff.

**TUESDAY.**—Some new cousins are coming for this hour, the cousins of the Revellers' Band. So listen in for some jolly music. Two of Miss Joy Hoare's clever little pupils will play pianoforte solos. Birthday messages from Uncle Jim.

**THURSDAY.**—Some new little cousins, the pupils of Miss Rastall, will give music and song at the Children's Hour to-night, and Uncle George will be here with the birthday greetings.

**FRIDAY.**—Mrs. W. G. McCarty's pupils are coming to entertain Radioland to-night. Cousin Margaret will be here, too, with song and poem. Messages to the birthday folk will be given by Brother Jack.

**SATURDAY.**—Cousins Doris and Irene will sing and recite to-night, children, and Cousin Herbert will play jolly music on his oboe. Uncle Toby and Aunt Gwen will say "Many happy returns of the day" to the little ones who have birthdays.

**SUNDAY.**—The children's Song Service will be conducted by Uncle George, assisted by St. Matthew's Sunday School choir, under Rev. P. Houghton.

### AT 3YA

**MONDAY, OCTOBER 28.**—Ever drifted down the Nile? No? Well, tune in to-night and listen to Scatterjoy, as she takes you a little trip down this wonderful river of Romance and History. Dreamy music over the waters, and sweet singing by the Melody Maids.

**WEDNESDAY.**—This is the night Mother Hubbard and Uncle Frank sing their little folk songs which we hope you are all learning and will join in with. Stories for all.

**THURSDAY.**—Uncle John with his gramophone box. The adventures of the Inkwell Fairy, and songs by Uncle Charlie.

**FRIDAY.**—Storyman back from his voyages, and ready to tell you his experiences. Songs, choruses and music by the Opawa School Choir.

**SATURDAY.**—Mister "Chuckle" with us again to-night, and ready to charm you all, and Aunt Pat helping to make this hour a happy one.

**SUNDAY.**—Our Children's Song Service, conducted by the Presbyterian Sunday School.

## Radio in Other Lands

**A**LMOST regularly once a year, France endeavours to bring herself level with other countries in the matter of broadcasting, by an attempt to reorganise her entire radio system. A new Bill, which will be discussed early in 1930, calls for two high-power low-frequency stations, capable of being received over the whole of Europe; ten smaller transmitters to maintain an efficient service to the country; and, finally, a number of relay stations for regional purposes. The entire organisation is to be under control of the State.

**SOMETHING** new in the development of radiovision is an apparatus designed to transmit aeroplane views of panoramic scenes to a ground receiving station. This equipment is under construction at Washington, and its inventor hopes to test it shortly in a special 'plane. The "aerial radiovision eye" will record the visual scenes by means of a scanning disc, light-sensitive cell, and broadcasting apparatus, and the panoramas will be received on a standard radiovision receiving set. It is believed that the invention would be of great value in time of war, as the general headquarters of an army, though situated perhaps miles behind the front line, would have a continuous aerial view of all operations.

**THE** theft of portable sets from English wireless factories is becoming a somewhat common practice, states "Wireless World." The sets are often offered on an alleged hire-purchase system to an unsuspecting buyer, who is asked to pay a deposit, which, he is told, entitles him to retain the receiver for three months. He is led to believe that after this period has elapsed the first of ten monthly instalments for the balance will be collected. Needless to say, the thief never calls again for this, and the purchaser is left with a stolen receiver on his hands.

**IT** is intended to install an "inverter" at the experimental short-wave station, near St. Cyr, in France. The object of this apparatus is to prevent telephone messages being picked up by promiscuous listeners, and this result is achieved by inverting the frequencies of the speech sounds so that high notes become correspondingly low and low ones high. A specially-designed receiving equipment reconverts the frequencies to normal. Wireless eavesdroppers, therefore, who may chance to pick it up will probably think they have logged a Chinese station broadcasting political speeches.

## TOBACCO HABIT CONQUERED

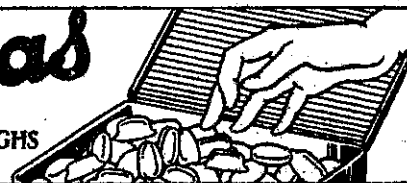
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# Full Programmes for Next

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## Sunday, October 27

### 1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, OCTOBER 27.

- 3.0 : Afternoon session—Selected studio items.  
 4.0 : Literary selection by the Announcer.  
 4.8 : Studio items.  
 6.0 : Children's service, conducted by Uncle Leo.  
 6.55 : Relay of service from Auckland Baptist Tabernacle—Preacher: Rev. Joseph Kemp. Organist and choir-master: Mr. A. E. Wilson.  
 8.30 (approx.) : Studio concert:  
 Overture—Creator's Band, "Semiramide" (Rossini) (H.M.V. C1420).  
 Contralto—Miss Nellie Lingard, "But the Lord is Mindful of His Own" (Mendelssohn).  
 Recitals—Miss Maisie Carte-Lloyd, (a) "On Going Home for Christmas"; (b) "Wanted a Little Girl."  
 'Cello—Beatrice Harrison, "Harlequinade" (Popper) (H.M.V. C1626).  
 Baritone—Mr. E. Paton, "Pagan" (Lohr).  
 Pianoforte—Mischka Levitzki, "Organ Prelude and Fugue in A Minor" (Bach-Liszt) (H.M.V. D1619).  
 Contralto—Miss Nellie Lingard, (a) "The Praise of God" (Beethoven); (b) "O Rest in the Lord" (Mendelssohn).  
 Recital—Miss Maisie Carte-Lloyd, "Briar Rose."  
 Virtuoso String Quartet, "The Emperor" (Haydn) (H.M.V. C1470).  
 Baritone—Black Diamonds Band, "Samson et Delilah" (Saint-Saens) (Zonophone A294).  
 Close down.

### 2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, OCTOBER 27.

- 3.0 : Afternoon session—Selected studio items.  
 4.30 : Close down.  
 6.0 : Children's song service, conducted by Uncle George.  
 7.0 : Relay from St. Gerard's Redemptorist Church, of special festival of "Christ the King":  
 Organ solo—"Impressions du Soir" (Stiehle).  
 Rosary with choral responses.  
 Antiphon—"Salve Regina" (Witska).  
 Sermon—Rev. Father T. Robinson, C.S.S.R.  
 Hymn—"Praised be Jesus Christ Our King" (Rev. Father Brennan, C.S.S.R.).  
 Motet—"Magnus Dominus" (Bruges).  
 Motets—(a) "O Salutaris Hostia" (Gerum); (b) "Tantum Ergo" (L'Abbe Lambillotte).  
 Recital of Divine Praises.  
 Motets—(a) "Adoremus in Aeternum" (Oakes); (b) "Te Deum Laudamus" (L'Abbe Lambillotte).  
 Organ solo—"Grand Chorus" (Spence).  
 (Choir-master: Mr. Frank J. Oakes. Organist: Mr. H. I. Mount.)  
 8.15 : (approx.) Studio concert by the Port Nicholson Silver Band, under the conductorship of Mr. J. J. Drew, and assisting artists.  
 Meditation—Band, "Requiem" (arrgd. Chas. Rose).  
 Soprano—Miss Eileen Higgins, "Allah" (Willeby).  
 Baritone—Mr. John Prouse, "Now Heaven in Fullest Glory Shone" ("The Creation") (Haydn).  
 Trombone solo with band accompaniment—Bandsman J. W. Glennie, "Inspirez Moi" (Gounod).  
 Valse—Band, "Bacchanale" (Rimmer).  
 Contralto—Miss Evelyn Robinson, "Thanks Be to God" (Dickson).  
 Virtuoso String Quartet, "Emperor Quartet—Theme and Variations" (Haydn) (H.M.V. C1470).  
 Tenor—Mr. Harry Phipps, (a) "Malvern Hills in Spring" (Coningsby Clarke); (b) "My Girl and I" (Coningsby Clarke).  
 Selection—Band, "Faust" (arrgd. Douglas).  
 Weather report.  
 Soprano—Miss Eileen Higgins, (a) "A Blackbird's Song"; (b) "Rose in the Bud" (Forster).  
 Baritone—Mr. John Prouse, (a) "Morning Hymn" (Henschel); (b) "Rock of Ages" (Barnett).  
 Cornet duet with band accompaniment—Bandsmen W. G. Stevenson and W. Matson, "Miserere Scene" ("Il Trovatore") (Verdi).  
 Contralto—Miss Evelyn Robinson, (a) "A Perfect Day" (Jacobs Bond); (b) "There's a Big Lot of Sunshine Coming Soon" (Hay).  
 Virtuoso String Quartet, "Londonderry Air" (Bridge) (H.M.V. C1470).  
 Tenor—Mr. Harry Phipps, "Jean" (Meade).  
 Intermezzo—Band, "Cosette" (Frank Crowther).  
 March—Band, "Honour the Brave" (Rimmer).  
 Close down.

### 3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, OCTOBER 27.

- 3.0 : Afternoon session—Selected gramophone items.  
 4.30 : Close down.

- 5.30 : Children's song service (children of the Methodist Sunday Schools).  
 6.15 : Hymn chimes from studio.  
 6.30 : Studio programme:  
 Grand organ—Edouard Commette, "Fantasie in G Minor" (Bach) (Columbia 02746).  
 6.38 : Orchestral—Royal Philharmonic Orchestra, "Two Movements in Symphonic Form" (Scherzo) (A completion of Schubert's "Unfinished Symphony") (Merreck) (Columbia 02872).  
 6.46 : Pianoforte—Ignaz Friedman, "Romance in E. Flat" (Rubinstein) (Columbia 03630).  
 6.50 : Ketelbey's Concert Orchestra—"Sanctuary of the Heart" (Ketelbey) (Columbia 02690).  
 7.0 : Relay of service from East Belt Methodist Church—Preacher: Rev. W. Greenslade. Musical Director: Mr. J. Chaplin. Organist: Mr. A. M. Owen.  
 8.15 (approx.) : Rebroadcast of 2YA Wellington studio concert by the Port Nicholson Silver Band under the conductorship of Mr. J. J. Drew, and assisting artists.  
 Close down.

### 4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, OCTOBER 27.

- 3.0 : Town Hall chimes.  
 3.1 : Selected gramophone items.  
 5.30 : Children's song service, conducted by Big Brother Bill.  
 6.30 : Relay of service from Trinity Methodist Church. Preacher: Rev. H. E. Bellhouse.  
 7.55 : Weather report.  
 8.5 : Studio concert:  
 Suite—New Queen's Hall Light Orchestra, "Peer Gynt Suite" (Grieg):  
 1. Morning; 2. Death of Ase; 3. Dance of the Imps; 4. Solveig's Song (Columbia L1516/7).  
 8.21 : Chorus—Chauve Souris Company, "Russian Barcarolle" (Varlamoff) (Columbia 02525).  
 8.25 : Violin—Toscha Seidel, "Hungarian Dance, No. 1" (Brahms) (Columbia 09504).  
 8.29 : Negro spirituals—Layton and Johnstone, (a) "Were You There?"; (b) "Every Time I Feel the Spirit" (Columbia 01248).  
 8.35 : Ketelbey's Concert Orchestra, "In a Monastery Garden" (Ketelbey) (Columbia 02688).  
 8.43 : Soprano—Maria Kurenko, "Vilanelle" (Dell'Acqua) (Columbia 04176).  
 8.47 : Instrumental—Musical Art Quartet, (a) "To a Wild Rose" (Macdowell); (b) "Mighty Lak a Rose" (Nevin) (Columbia 01506).  
 8.53 : Selections—Minster Singers, "Messiah" (Handel) (Regal G30017).  
 9.1 : Violin—Toscha Seidel, "Slavonic Dance, No. 2 in E Minor" (Dvorak) (Columbia 09504).  
 9.5 : Chorus—Chauve Souris Company, "Round the Hay Wain" (tradit.) (Columbia 02525).  
 9.13 : Selection—J. H. Squire Celeste Octet, "Memories of Mendelssohn" (arrgd. Sear) (Columbia 02833).  
 9.30 : Close down.

## Monday, October 28

### 1YA, AUCKLAND (900 KILOCYCLES)—MONDAY, OCTOBER 28.

SILENT DAY.

### 2YA, WELLINGTON (720 KILOCYCLES)—MONDAY, OCTOBER 28.

- 12.0 : Results of second day of the Wellington Racing Club's spring meeting, interspersed with studio items.  
 5.0 : Children's session, conducted by Uncle Jeff.  
 6.0 : Dinner session—"His Master's Voice" hour:  
 John Barbirolli's Chamber Orchestra, "A Little Night Music" (Mozart) (C1655).  
 San Francisco Symphony Orchestra, "Coppelia Ballet—Dance of the Automaton and Waltz" (Delibes) (D1272).  
 6.12 : Tacet.  
 6.15 : John Barbirolli's Chamber Orchestra, "A Little Night Music" (Mozart) (C1655).  
 Trio—De Groot, David Bor, and H. M. Calve, (a) "Londonderry Air" (arrgd. Coleman); (b) "Le Cygne" (Saint-Saens).  
 6.29 : Tacet.  
 6.30 : New Light Symphony Orchestra, "Henry VIII Dances" (German):  
 1. Shepherd's Dance; 2. Morris Dance; 3. Torch Dance (B2981).  
 'Cello—Beatrice Harrison, "Harlequinade" (Popper) (C1626).

# Week-all Stations-to Nov. 2

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- Piccadilly Orchestra, "None but the Weary Heart" (Tschaikowsky) (B2875).
- 6.43: Tacet.
- 6.45: Chicago Symphony Orchestra, "Slavonic Dance in G Minor" (Dvorak) (D1432).
- Violin—Fritz Kreisler, "Gypsy Caprice" (Kreisler) (DB1110).
- New Light Symphony Orchestra, (a) "Spanish Dance, No. 1" (Moszkowski); (b) "Spanish Serenade" (Bizet) (B2584).
- 6.58: Tacet.
- 7.0: News session, market reports, and sports results.
- 7.40: Lecturette—Mr. E. H. Dowsett, Secretary, Howard League for Penal Reform, "Prisons of Two Centuries."
- 8.0: Chimes.
- 8.1: Overture—2YA Orchestra, under the conductorship of Signor Truda, "Finlandia" (Sibelius).
- 8.9: Vocal quartet—Ariel Singers, "Sweet Day" (Vaughan Williams).
- 8.13: Pianoforte—Miss Dorothy Innes, (a) "Tango" (Henderson); (b) "Romance in F Sharp" (Schumann).
- 8.20: Soprano—Miss Jeanette Briggs, L.A.B., (a) "Music, When Soft Voices Die" (Besley); (b) "Almond, Wild Almond" (Peel).
- 8.27: Symphony—2YA Orchestra, "Jupiter Symphony" (Mozart).
- 8.35: Recital—Mrs. Martyn Williams, "The Gift of Tritemius" (Nesbit).
- 8.42: Bass—Mr. J. M. Caldwell, "Sergeant's Song—1908" (Holst).
- 8.47: Elman String Quartet, "Quartet, Op. 11—Andante Cantabile" (Tschai-kowsky) (DB1055).
- 8.50: Vocal quartet—Ariel Singers, "Hey, Diddle Diddle" (Herbert).
- 8.54: Rhapsody—2YA Orchestra, "Slavonic Rhapsody" (Friedmann).
- 9.2: Weather report.
- 9.4: Organ—Mr. Henry Mount, (a) "Grand Offertoire" (Lefebure-Wely); (b) "Lament" (Coleridge-Taylor); (c) "March in D" (Spohr).
- 9.16: Bass—Mr. J. M. Caldwell, "Old Clothes and Fine Clothes" (Shaw).
- 9.20: Song suite—2YA Orchestra, "Three French Songs": 1. Hindoo Song (Bemberg); (b) At Evening (Debussy); (3) Open Thy Blue Eyes (Massenet).
- 9.28: Mezzo-contralto—Miss Ngaire Coster, "A Fairy's Love Song" (Hebri-dean folk song).
- 9.32: Recital—Mrs. Martyn Williams, "Sarey Gamp" (Dickens).
- 9.39: Characteristiqe—2YA Orchestra, "La Pileuse" (Gillet).
- Serenade—2YA Orchestra, "Serenade" (Pierne).
- 9.47: Tenor—Mr. Roy Hill, "The Gentle Maiden" (Irish).
- 9.51: Vocal quartet—Ariel Singers, "Swiftly From the Mountain's Brow" (Webbe).
- 9.55: Concert waltz—2YA Orchestra, "Wine, Women, and Song" (Strauss).
- 10.0: Close down.

## 3YA, CHRISTCHURCH (980 KILOCYCLES)—MONDAY, OCTOBER 28.

- 3.0: Afternoon session—selected studio items.
- 4.25: Sports results to hand.
- 5.0: Children's session, conducted by "Scatterjoy."
- 6.0: Dinner Session—"Columbia" Hour:
- Overture—Halle Orchestra, "Rosamunde" (Schubert) (04056).
- Classical Septet, "Gavotte and Finale" (St. Saens).
- 6.12: Tacet.
- 6.15: New Queen's Hall Light Orchestra, "Un Sonnet D'Amour" (Coleridge-Taylor) (02589).
- Violin—Naoum Blinder, "Caprice Viennois" (Kreisler), (02773).
- New Queen's Hall Light Orchestra, "Demande Et Reponse" (Coleridge-Taylor) (02588).
- 6.27: Tacet.
- 6.30: Selection—Court Symphony Orchestra, "The Gondoliers" (Sullivan) (979).
- 'Cello—W. H. Squire, "Drink to Me Only" (Arrgd. Squire) (04180).
- 6.42: Tacet.
- 6.45: Plaza Theatre Orchestra, "Minuet" (Finck) (01439).
- Wurlitzer organ—Terence Casey, "Bird Songs at Eventide" (Coates) (01501).
- Plaza Theatre Orchestra, "A La Gavotte" (Finck) (01501).
- Musical Art Quartet, "Mighty Lak' a Rose" (Nevin) (1506).
- 6.55: Tacet.
- 7.0: News session.
- 7.15: Talk—Mr. E. J. Bell, "Book Review."
- 7.30: Farm Chat—Dr. Chas. Chilton, "Winter Feeding of Cattle" (Bulletin No. 4, issued by Canterbury Chamber of Commerce and prepared in conjunction with Canterbury Agricultural College, Lincoln, and Canterbury College Economics Department), arranged by 3YA Primary Productions Committee.
- 8.0: Studio concert by the Woolston Band, under the conductorship of Mr. R. J. Estall, and assisting artists:
- 8.1: March—Band, Twentieth Century" (Ord Hume).

Overture—Band, "Raymond" (Thomas).

- 8.13: Mezzo-contralto—Mrs. Nora Puddey, two Easter songs, (a) "Before the Dawn" (Lamb); (b) "Salaam" (Lamb).
- Tenor and baritone duet—Wanderers Duo, "Farewell to Summer" (Johnson).
- Rio Marimba Orchestra, "Dolores" waltz (Waldteufel) (Regal G20344).
- 8.23: Tenor—Mr. C. R. Williamson, "Macushla" (MacMurrough).
- 8.27: Cornet and horn with band accompaniment—Bandsmen Ohlson and Passonage, (a) "Two Eyes of Grey" (McGeoch); (b) "My Love's Grey Eyes" (McGeoch).
- 8.35: Mezzo-soprano—Miss Evelyn Polson, (a) "The Greenwood Calls" (Schubert); (b) "Still as the Night" (Bohm).
- 8.41: Kinema organ—Stanley McDonald, "La Rosita" (Nevin) (Regal G20391).
- 8.44: Baritone—Mr. A. Gladstone Brown, (a) "The Ballad Monger" (East-hope Martin); (b) "O Mistress Mine" (Quilter).
- 8.50: Selection—Band, "Sea Songs" (Old English).
- 9.2: Weather report.
- 9.4: Mandolin Band, "La Traviata—Preludes Acts 1 and 4" (Verdi) (Columbia 02566).
- 9.12: Mezzo-contralto—Mrs. Nora Puddey, (a) "Voga Voga Gondolier" (Coningsby Clarke); (b) "A Song of You" (D'Hardelet).
- 9.18: Trombone solo with band accompaniment—Bandsman E. Williams "Drinking" (Old German, arrgd. Billon).
- 9.23: Tenor—Mr. C. R. Williamson, (a) "Land of Long Ago" (Ray); (b) "The Sweetest Flower That Blows" (Hawley).
- 9.29: Saxophone—Rudy Wiedoeft, "Melody" (Dawes) (Columbia 01180).
- Mezzo-soprano—Miss Evelyn Polson, (a) "Songs My Mother Taught Me" (Dvorak); (b) "Lullaby" (Puccini).
- Tenor and baritone duet—Wanderers Duo, "Flow Gently Deva" (Parry).
- Intermezzo—Band, "In a Persian Market" (Ketelby).
- Baritone—Mr. A. Gladstone Brown, "Rolling Down to Rio" (German).
- Male choir—Male Voice Choir of Vienna, "Die Nacht" (Schubert) (Columbia 02836).
- Waltz—Band, "My Angelina" (Wayne).
- March—Band, "Gallant and Gay" (Rimmer).
- Close down.
- (Note.—At 9.30 p.m. (approx.) we will switch over to the Civic Theatre for a relay of the big wrestling match—Tom Alley (America) versus N.Z. Representative.)

## 4YA, DUNEDIN (650 KILOCYCLES)—MONDAY, OCTOBER 28.

- 3.0: Town Hall chimes.
- 3.1: Afternoon session—Selected gramophone items.
- 3.35: Sporting results to hand.
- 4.30: Close down.
- 5.0: Town Hall chimes.
- 5.1: Children's Hour, conducted by Uncle Allan.
- 6.0: Dinner session—"Columbia Hour."
- Overture—Basle Symphony Orchestra, "Der Freischutz" (Weber) (02874/5).
- 6.12: Tacet.
- 6.15: Instrumental—J. H. Squire's Celeste Octet, (a) "The Grasshoppers Dance" (Bucalossi); (b) "The Butterfly" (Bendix) (3608).
- Musical Art Quartet, "To a Wild Rose" (McDowell) (01506).
- Violin—Yvonne Curti, "Madrigale" (Simonetti) (01529).
- 6.27: Tacet.
- 6.30: Instrumental—J. H. Squire's Celeste Octet, (a) "I Love the Moon" (Rubens); (b) "Two Eyes of Grey" (McGeoch) (01213).
- Instrumental—J. H. Squire's Celeste Octet, (a) "Amoureuse" Valse (Berger); (b) "Valse Bleue" (Margis) (3643).
- 6.42: Tacet.
- 6.45: Instrumental—J. H. Squire's Celeste Octet, "Valse Caprice" (Rubenstein) (02581).
- Cello solo—W. H. Squire, "Sarabande" (Seilzer) (04283).
- Instrumental—J. H. Squire's Celeste Octet, "Perpetuum Mobile" (Weber, arrgd. Crooke) (02581).
- 6.57: Tacet.
- 7.0: News session.
- 7.30: Lecturette by the "Radio Man" on "Wireless."
- 8.0: Town Hall chimes.
- 8.1: Overture—St. Louis Symphony Orchestra, "Fingal's Cave" (Mendelssohn) (H.M.V. record D1299).
- 8.9: Presentation of the light opera, "The Maid of the Mountains" (Fraser-Simpson) by the 4YA Harmonists Quartet.



## CAST.

Soprano ..... Miss Mae Matheson.  
 Mezzo-soprano ..... Miss Mollie Andrews  
 Tenor ..... Mr. H. A. Johnston  
 Baritone ..... Mr. F. M. Tuohy

- 8.49: 4YA Broadcasting Trio, (a) "West Finland Dance" (Palmgren); (b) "Sarabande" (Halvorsen).  
 8.56: Baritone—Mr. F. M. Tuohy, (a) "I Will not Grieve" (F. Schumann); (b) "The Lute Player" (Allitsen).  
 9.2: Weather report and announcements.  
 9.4: Piano solo—Mrs. Ernest Drake, "Sonata Tragica," 3rd movement (MacDowell).  
 9.8: Recital—Mr. Angus Gorrie, "Series with the Poets" (Alfred Noyes).  
 9.20: Mezzo-soprano—Miss Mollie Andrews, (a) "Romance," ("Desert Song") (Romberg); (b) "Sunshine" (Berlin).  
 9.27: 4YA Broadcasting Trio, (a) "Rondino" (Mayer); (b) "Marche Miniature Viennoise" (Kreisler); (c) "Syncopation" (Kreisler).  
 9.34: Tenor—Mr. H. A. Johnston, (a) "Pipes of Pan" (Elgar); (b) "The Minstrel Boy" (Irish Air).  
 9.43: Cello—Mr. P. J. Palmer—"Romance Sans Paroles" (Van Goens).  
 9.48: Soprano—Miss Mae Matheson, (a) "E'er Since the Day" (Louise); (Charpentier); (b) "One Fine Day" from Madame Butterfly (Puccini).  
 9.54: Violin—Mr. Frank Parsons, "Hejre Kati" (Hubay).  
 9.56: Band de la Garde Republicaine—"Marche Lorraine" (Ganne) (H.M.V. record B2907).  
 10.0: God Save the King.

## Tuesday, October 29

### 1YA, AUCKLAND (900 KILOCYCLES)—TUESDAY, OCTOBER 29.

- 3.0: Afternoon session—selected studio items.  
 4.0: Literary selection by the Announcer.  
 4.8: Studio items.  
 4.25: Sports results to hand.  
 5.0: Children's session, conducted by Uncle George.  
 6.0: Dinner session—"Columbia" Hour:  
 Overture—Basle Symphony Orchestra, "Der Freischutz" (Weber) (02874-5).  
 6.13: Tacet.  
 6.15: London Symphony Orchestra, "Der Rosenkavalier" (Strauss) (L1421).  
 Violin—Signor Manuella, "La Traviata" fantasia (Verdi) (Regal G1020).  
 6.28: Tacet.  
 6.30: Royal Philharmonic Orchestra, "L'Enfant Prodigue—Cortge et Air de Danse" (Wormser) (04053).  
 Lener String Quartet—"Quartet in D Minor—Allegretto ma non Troppo" (Mozart) (L1987).  
 6.43: Tacet.  
 6.45: Violin—Signor Manuella, "La Boheme" fantasia (Puccini) (Regal G1020).  
 Court Symphony Orchestra, "The Mikado" selection (Sullivan) (994).  
 6.58: Tacet.  
 7.0: News and market reports.  
 7.40: Talk—Madame Edith Baird, "Artistic Physical Development."  
 8.0: Chimes.  
 8.1: Relay from Hamilton of the Hamilton Operatic Society's production of "Gipsy Love" (Lehar).  
 10.0 (approx.): Close down.

### 2YA, WELLINGTON (720 KILOCYCLES)—TUESDAY, OCTOBER 29.

- 3.0: Chimes of the G.P.O. clock.  
 3.1: Selected gramophone items.  
 4.30 and 4.50: Sports results to hand.  
 5.0: Children's session, conducted by Uncle Jim.  
 6.0: Dinner session—"Columbia Hour":  
 Overture—Bournemouth Municipal Orchestra, "Pique Dame" (Suppe) (02730).  
 Violin—Efrem Zimbalist, "Valse Bluetie" (Drigo-Auer) (03624).  
 Organ—Gatty Sellars, "Gypsy Caravan" (Oscheet) (01384).  
 6.14: Tacet.  
 6.15: Albert Sandler's Orchestra, "Ol' Man River" (Kern) (01409).  
 Green Brothers' Marimba Orchestra, "Underneath the Blue Hawaiian Skies" (Wasserman) (Regal G20474).  
 Organ—Gatty Sellars, "Nuptial Song" (Friml) (01384).  
 Albert Sandler's Orchestra, "If Only I Had You" (Shapiro) (01409).  
 6.27: Tacet.  
 6.30: Ray Starita's Ambassador's Band, "The Five O'Clock Girl" Selection (Kalmar) (02886).  
 Paul Whiteman's Orchestra, "Gypsy" (Gilbert) (07505).  
 6.44: Tacet.  
 6.45: Band of H.M. Grenadier Guards, "New Sullivan Selection" (arrgd. Godfrey) (02731).  
 Green Brothers' Marimba Orchestra, "Sweet Hawaiian Dream Girl" Waltz (Green) (Regal G20474).  
 J. H. Squire Celeste Octet, "She Wandered Down the Mountain-side" (arrgd. Sear) (0898).

- 6.59: Tacet.  
 7.0: News session, market reports and sports results.  
 7.25: Lecturette—Mr. W. J. Fergie, Publicity Branch N.Z. Railways, "Railway Excursions to Auckland Exhibition."  
 7.40: Lecturette—Representative, Agricultural Department, "For the Man on the Land."  
 8.0: Chimes of the G.P.O. clock.  
 8.1: Overture—2YA Salon Orchestra, under the conductorship of Mr. M. T. Dixon, Three Dances from "Tom Jones" (German).  
 8.9: Soprano—Miss Anne Davies, (a) "June's First Rose" (Coates); (b) "False Prophet" (Scott).  
 8.15: Baritone—Mr. Val Jones, "The Blue Dragoons" (Kennedy-Russell).  
 8.19: Instrumental—2YA Orchestra, "Coppelia Ballet" (Delfbes).  
 8.29: Humour—Mr. Len Ashton, (a) "Misery Farm" (by request) (MS.); (b) "Oi! Oi! Vot a bizness" (Rohmer).  
 8.36: Popular song—Mr. Spencer Furrell, "I'd Like to Fall Asleep and Wake up in My Mammy's Arms" (Ahlert).  
 8.40: Suite—2YA Solan Orchestra, "Enfant Prodigue" Suite (Wormser).  
 8.48: Soprano—Miss Anne Davies, "For You, Alone" (Geehl).  
 8.52: Instrumental trio—Messrs. Dixon, Haydock and Chapman, "Poupee Valsante" (Poldini).  
 Violin solo with piano accompaniment (soloist, Mr. W. Haydock)—"Czarda" (Moretti).  
 9.0: Weather report.  
 9.2: Baritone—Mr. Val Jones, (a) "Uncle Rome" (Homer); (b) "Jane" (Barker).  
 9.6: Instrumental—2YA Salon Orchestra, "Master Melodies from Famous Light Operas" (arrgd. Roberts).  
 9.11: Humour—Mr. Len Ashton, "That Reminds Me Where I Left My Umbrella" (Weston and Lee).  
 9.17: Popular songs—Mr. Spencer Furrell, (a) "The Desert Song" (Romberg); (b) "One Alone" (Romberg).  
 9.24: Instrumental—2YA Salon Orchestra, "Trot de Cavalerie" (Rubenstein).  
 9.30: "Brunswick" Dance Programme:  
 Foxtrot—Bob Haring's Orchestra, "Wedding Bells" (Kahal) (4246).  
 Foxtrot—Colonial Club Orchestra, "Naughty Eyes" (Locke) (4256).  
 Foxtrot—Bob Haring's Orchestra, "Deep Night" (Vallee-Henderson) (4246).  
 Waltz—Municipal Band, "My Treasure" (Becuci) (57014).  
 Waltz—Regent Club Orchestra, "Just an Old Love Affair" (Kahn) (4280).  
 9.45: Whispering baritone—Chester Gaylord, "And Especially You" (Silver) (4317).  
 Foxtrot—Colonial Club Orchestra, "Leave Me a Beautiful Melody" (Spier) (4256).  
 Foxtrot—The Captivators, "Building a Nest for Mary" (Rose) (4277).  
 Foxtrot—Gerunovich Roof Garden Orchestra, "Stairway of Dreams" (Stone) (4277).  
 Waltz—Regent Club Orchestra, "Blue Waters" (Washington) (4280).  
 Waltz—Thematics Orchestra, "Lady Divine" (Kountz) (4297).  
 10.3: Novelty—Arnold Johnson's Orchestra, "Radio Impressions" (Johnson) (4358).  
 Foxtrot—Gerunovich Roof Garden Orchestra, "That's the Good Old Sunny South" (Ager) (4277).  
 Foxtrot—Eight Radio Stars, "A Happy Ending" (Brown) (4311).  
 Waltz—Thematics Orchestra, "Giovanna" (Kountz) (4297).  
 Waltz—Municipal Band, "Cuckoo" (4358).  
 10.18: Vocal duet—Ed. Small and Dick Robertson, "Where Did You Get That Name?" (Klein) (4282).  
 Foxtrot—Eight Radio Stars, "Under the Stars of Havanna" (Coleman) (4311).  
 Foxtrot—Louis Katzman's Orchestra, "My Man" (Willemetz) (4213).  
 Foxtrot—Six Jumping Jacks, "She's Got Great Ideas" (Tobias) (4351).  
 Waltz—Regent Club Orchestra, "Underneath the Russian Moon" (Kendis) (4314).  
 10.31: Organ—Lew White, "Evangeline" (Rose) (4395).  
 Foxtrot—Six Jumping Jacks, "Oh, Baby, What a Night" (Brown) (4351).  
 Foxtrot—Louis Katzman's Orchestra, "I'd Rather Be Blue" (Rose) (4213).  
 Foxtrot—Ray Miller's Orchestra, "In My Garden of Memory" (Buckley) (4352).  
 Waltz—Regent Club Orchestra, "Dear, When I Met You" (4314).  
 10.46: Ritz Quartet—"I'm Bringing a Red, Red Rose" (Kohn) (4328).  
 Foxtrot—Ray Miller's Orchestra, "Moonlight and Roses" (Lemare) (4352).  
 Foxtrot—Ray Miller's Orchestra, "Cradle of Love" (Wayne) (4233).  
 Waltz—Copley Plaza Orchestra, "Pagan Love Song" (Freed) (4321).  
 11.0: Close down.

### 3YA, CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, OCTOBER 29. SILENT DAY.

### 4YA, DUNEDIN (650 KILOCYCLES)—TUESDAY, OCTOBER 29.

- 3.0: Town Hall chimes.  
 3.1: Afternoon session—selected gramophone items.  
 4.25: Sporting results to hand.  
 4.30: Close down.  
 5.0: Town Hall chimes.  
 5.1: Children's Hour, conducted by Big Brother Bill.



- 6.0 : Dinner Session—H.M.V. and Zonophone Hour.  
H.M. Coldstream Guards Band—"Poet and Peasant" (Suppe) (H.M.V. C1315).  
Orchestral—Symphony Orchestra—"Love, the Magician" (de Falla) (H.M.V. D1453).
- 6.12: Tacet.
- 6.15: March—United States Army Band, "Army and Marine" (Starke) (Zonophone EE145).  
Waltz—International Novelty Quartet, "Cuckoo" (Jonasson) (Zonophone EE87).  
Waltz—Jack Hylton's Orchestra, "Spanish Rose" (Pearson) (H.M.V. B5481).  
Xylophone—Sam Herman, "Al Fresco" (Zonophone EE53).
- 6.27: Tacet.
- 6.30: Orchestral—New Light Symphony Orchestra—"In a Clock Store" (Orth) (H.M.V. C1308).  
March—Royal Opera Orchestra—"Marche Hongroise" (Berlioz) (H.M.V. C1279).  
Orchestral—Symphony Orchestra, "Spanish Dance" (De Falla) (H.M.V. D1453).
- 6.42: Tacet.
- 6.45: Scottische—International Novelty Quartet, "Lena" (Mewes) (Zonophone EE67).  
Pipe Organ, piano, trombone and harp—Shilkret's Rhythm Melodists, "When You Are With Somebody Else." (Gilbert) (H.M.V. EA336).  
Waltz—Jack Hylton's Orchestra—"The Angelus was Ringing" (Damarrell) (H.M.V. B5481).  
March—United States Army Band—"American Spirit" (Buglione) (Zonophone EE145).
- 6.57: Tacet.
- 7.0 : News session.
- 8.0 : Town Hall chimes.  
Concert by the Kaikorai Band, under the conductorship of Mr. T. Kirk-Burnand, assisted by 4YA Artists.
- 8.1 : Contest March—The Band—"Wairarapa" (Trussell), "Madrigal" (Purcell).
- 8.12: Soprano—Miss Valda McCurdy "Micaela Song" (Bizet).
- 8.17: Russian Balalinka Orchestra—"Norwegian Dance No. 22" (Grieg) (Columbia 8779).
- 8.20: Recital—Miss Tui Northey, (a) "The Elfin Artist" (Noyes); (b) "Aw Gee Whiz" (Guest).
- 8.26: Valse de Concert—The Band—"Wiener Extrablatter" (Hume).
- 8.33: Baritone—Mr. Les Stubbs, "Harlequin" (Sanderson).
- 8.37: Grand selection—The Band—"Tannhauser" (Wagner).
- 8.45: Organ—Quentin Maclean, "Nola" (Arndt) (Columbia 0827).
- 8.48: Tenor—Mr. R. A. Mitchell, "Farewell" (Allan).
- 8.52: Selection—"The Band"—"Fugue in B Flat Minor" (Rineck).
- 8.58: Weather report and announcements.
- 9.0 : Chorus—Royal Hawaiian Band, (a) "Lilui E" (Kaulia); (b) "Wani Kana" (Aolihikea) (Columbia 01282).
- 9.6 : Tone Poem—The Band—"Labour of Love" (Fletcher).
- 9.14: Soprano—Miss Valda McCurdy, (a) "Salaam" (Lang); (b) "Wake Up" (Phillips).
- 9.18: Recital—Miss Tui Northey, "Three Men in a Boat" (Jerome).
- 9.23: Russian Balalinka Orchestra, "Spanish Dance" (Trad.) (Columbia 3779).
- 9.30: Euphonium Solo—The Band—"Land of Hope and Glory" (Elgar).
- 9.36: Baritone—Mr. Les Stubbs, (a) "Mountains of Mourne" (Collison); (b) "Sylvia" (Speaks).
- 9.41: Selection—Court Symphony Orchestra "Idilio" (Lack) (Columbia 171).
- 9.45: Tenor—Mr. R. A. Mitchell, (a) "The Auld Scotch Songs" (Leeson); (b) "Afton Water" (Burns).
- 9.57: Concert March—The Band—"Sons of New Zealand" (Lithgow).
- 10.1 : God Save the King.

- Band of H.M. Welsh Guards, "The King's Guard March" (Keith) (302)
- 6.58: Tacet.
- 7.0 : News session and market reports.
- 7.30: Official opening of Radio Exhibition from the Town Hall, Auckland.
- 8.0 : Presentation of radio programme from model studio at the Town Hall, Auckland Artillery Band, under the conductorship of Bandmaster Wynne Smith—"Simplicity March" (Lanter).  
Bass-baritone—Mr. Frank Sutherland, (a) "Come to the Fair" (Martin); (b) "Keep on Keeping On" (Longstaffe).  
1YA Broadcasting Choir, under the conductorship of Mr. Len Barnes, (a) "Awake" (Bennett); (b) "The Dance" (Elgar).  
Interval of ten minutes while the following items are broadcast from the Studio, France Street:  
Madrid Symphony Orchestra, "Noche de Arabia" (Arbos) (Columbia 02923).  
Cello—W. H. Squire, "Gavotte" (Mehul) (Columbia 03646).  
Continuation of programme from model studio, Town Hall:  
Auckland Artillery Band—"Pique Dame Overture" (Bidgood).  
Humour—Mr. T. T. Garland, "Mirthful Moments."  
Piano—Mr. Cyril Towsey, (a) "Nocturne in F Sharp Major" (Chopin), (b) "Valse" (Sibelius).  
Baritone—Mr. John Bree (a) "Border Ballad" (Cowen); (b) "How Fair Thou Art" (Brahms).  
Interval of 10 minutes while the following items are broadcast from the Studio, France Street:  
The British Broadcasting Wireless Symphony Orchestra "Iolanthe Selection" (Sullivan) (Regal G30020).  
Sketch—Regal Sketch Company, "Mr. Sparrow Puts up for Parliament" (Regal G20466).  
Continuation of programme from model studio, Town Hall:  
Dramatic Soprano—Madame Mary Towsey, (a) "A Castilian Lament" (Del Riego); (b) "Three Fishers" (Hullah).  
Bandmen Smith and Mackey—"Besses o' th' Barn" (Smith).  
1YA Broadcasting Choir—"The Pedlar" (Lane-Wilson).  
Interval of 10 minutes while the following items are broadcast from the Studio, France Street:  
Violin—George Lipschultz, "La Golondrina" (Serradell) (Regal G20489).  
Boy Soprano—Master John Bonner, "Slumber, Dear Maid" (Handel) (Columbia 02919).  
Albert Sandler and His Orchestra, "Las Lagarteranas" (Guerrero and Foulkes) (Columbia 01634).  
Continuation of programme from model studio, Town Hall:  
Auckland Artillery Band—"Three Blind Mice" (Douglas).  
Lyric tenor—Mr. Arthur Ripley, (a) "My Dear" (Slater); (b) "Jes Hold ma Hand" (Bond).  
Dramatic Soprano—"The Golden Song" from "Lilac Time" (Schubert-Clutsam).  
Auckland Artillery Band—"BB and CF March" (Hume).  
Returning to Studio, France Street, for following items:  
Herman Finck and His Orchestra, "Gaiety Echoes" (Caryll and Monkton) (Columbia 02914).  
Zygfryd and His Gipsy Orchestra, "Kasbek" (arr. A. Ferraris) (Regal G20506).
- 10.30: God Save the King.

2YA, WELLINGTON (720 KILOCYCLES)—WEDNESDAY, OCTOBER 30.  
SILENT DAY.

3YA, CHRISTCHURCH (980 KILOCYCLES)—WEDNESDAY, OCTOBER 30.

- 3.0 : Afternoon session—Selected gramophone items.
- 4.25: Sports results to hand.
- 5.0 : Children's session, conducted by "Mother Hubbard" and Uncle Frank.
- 6.0 : Dinner session—"His Master's Voice Hour":  
National Symphony Orchestra, "La Traviata" Prelude (Verdi) (EB24).  
Violin—Erica Morini, "Russian Folk Song" (Kreisler) (ED8).  
Royal Opera Orchestra, "Sylvia Ballet—Intermezzo and Valse Lente" (Delibes) (C1417).
- 6.12: Tacet.
- 6.15: Victor Concert Orchestra, "Amaryllis" (Ghys) (EA240).  
Wurlitzer organ—Reginald Foort, (a) "Leave Me Alone" (Dvorak); (b) "Songs My Mother Taught Me" (Dvorak) (C1459).  
Victor Concert Orchestra, "Minuet in G" (Paderewski) (EA240).  
New Light Symphony Orchestra, "At Dawning" (Cadman) (B2629).
- 6.28: Tacet.
- 6.30: San Francisco Symphony Orchestra, "Coppelia Ballet" (Delibes) (D1272).  
Cello—Pablo Casals, "O Star of Eve" (Wagner) (DB1012).  
International Concert Orchestra, "Tesoro Mio" (My Treasure) (Bucucci) (EF15).
- 6.42: Tacet.
- 6.45: Orchestral—"Eugen Onegin" Waltz (Tchaikowsky) (C1281).  
New Mayfair Orchestra, "Lilac Time" Selection (Schubert-Clutsam) (C1457).
- 6.55: Tacet.
- 7.0 : News session.
- 7.30: Addington stock market reports.
- 8.0 : Chimes.  
Operatic programme, featuring excerpts from "Tom Jones" (German), by the Salon Quartet.

## Wednesday, October 30

1YA, AUCKLAND (900 KILOCYCLES)—WEDNESDAY, OCTOBER 30.

- 3.0 : Afternoon session—selected studio items.
- 4.30: Close down.
- 5.0 : Children's session, conducted by Uncle Tom.
- 6.0 : Dinner Session—"Broadcast Hour":  
Band of H.M. Welsh Guards—"The Maid of the Mountains" (Fraser-Simpson) (W506).  
Georges Haec and Frascati's Orchestra, "Ma Curlyheaded Babby" (Clutsam) (278).
- 6.12: Tacet.
- 6.15: Organ—Berkeley Mason, "Polonaise in A Major" (Chopin) (5065).  
Metropolitan Symphony Orchestra—"Hungarian Dances Nos. 1 and 2" (Liszt) (5033).  
Violin—Peggy Cochrane, "Prize Song" from "Die Meistersinger" (Wagner) (5025).
- 6.27: Tacet.
- 6.30: Metropolitan Symphony Orchestra, "Pomp and Circumstance March No. 1" (Elgar) (5033).  
Band of H.M. Life Guards—"Faust Ballet Music" (Gounod) (5005).
- 6.42: Tacet.
- 6.45: Piano—Maurice Cole—"Autumn" (Chaminade) (5009).  
Stoll Picture Theatre Orchestra—(a) "The Grasshoppers' Dance"; (b) "The Phantom Brigade" (348).

- 8.1 : Studio Instrumental Octet, under the conductorship of Mr. Harold Beck, "Three Dances from Neil Gwynn" (German): (1) Country Dance; (2) Pastoral; (3) Merry-makers' Dance.
- 8.11: Tenor and chorus—Mr. H. Blakeley, "On a January Morning" (German).  
Baritone—Mr. Graham Young, "West Country Lad" (German).
- 8.18: Pianoforte—Miss Lucy Fullwood, "Liebestraume" No. 3 (Liszt).
- 8.23: Soprano—Miss Corrie Aslin, "To-day My Spinnet" (German).
- 8.26: Studio Instrumental Octet, (a) "Caratina" (Raff); (b) "Valse" ("Blue Bird") (Norman O'Neill).
- 9.38: Vocal trio—Misses Corrie Aslin and Dulcie Mitchell and Mr. Graham Young, "Wisdom Says—Festina Lente" (German).  
Madrigal—Misses Corrie Aslin and Dulcie Mitchell and Messrs. H. Blakeley and Graham Young, "Here's a Paradox for Lovers" (German).
- 8.41: Symphony Orchestra, "Don Juan" (Strauss) (H.M.V. D1309).
- 8.49: Soprano—Miss Corrie Aslin, "Dream O'Day Jill" (German).
- 8.52: Studio Instrumental Octet, "Reminiscences of Greig" (arrgd. Godfrey).
- 8.59: Weather report.
- 9.1 : Overture—Berlin State Opera Orchestra, "Martha" (Flotow) (H.M.V. C1506).
- 9.9 : Contralto with trio—Miss Dulcie Mitchell, "As All the Maids" (German).  
Vocal trio—Miss Dulcie Mitchell, Mr. H. Blakeley and Mr. Graham Young, "You Have a Pretty Wit" (German).
- 9.15: Studio Instrumental Octet, (a) "Largo" (Handel); (b) "Pavane" ("Etienne Marcel") (Saint-Saens).
- 9.24: Baritone and chorus—Mr. Graham Young, "A Soldier's Scarlet Coat" (German).  
Soprano and chorus—Miss Corrie Aslin, "Love Maketh the Heart a Garden Fair" (German).
- 9.29: Pianoforte—Miss Lucy Fullwood, "Sonata in G Minor—Final Movement" (Schumann).
- 9.34: Soprano with baritone and tenor—Miss Corrie Aslin, Mr. Graham Young and Mr. H. Blakeley, "The Green Ribbon" (German).
- 9.38: Studio Instrumental Octet, "Five Interludes from the Beggars Opera" (Austin).
- 9.44: Baritone—Mr. Graham Young, "If Love's Content" (German).  
Soprano—Miss Corrie Aslin, "Beguile, Beguile with Music Sweet" (German).
- 9.49: Organ—Leslie James, "O Sole Mio" (Di Capua) (H.M.V. B2792).
- 9.52: Vocal trio—Miss Corrie Aslin and Messrs. H. Blakeley and Graham Young, "Says a Well Worn Saw" (German).  
Vocal quartet—Salon Quartet, "Hark, the Merry Marriage Bells" (German).
- 9.56: Symphony Orchestra, "Don Juan" (Strauss) (H.M.V. D1310).
- 10.4 : Close down.

#### 4YA, DUNEDIN (650 KILOCYCLES)—WEDNESDAY, OCTOBER 30.

- 3.0 : Town Hall chimes.
- 3.1 : Afternoon session—Selected gramophone items.
- 4.25: Sporting results to hand.
- 4.30: Close down.
- 5.0 : Town Hall chimes.
- 5.1 : Children's hour, conducted by Aunt Anita.
- 6.0 : Dinner session—"H.M.V." Hour:  
March—American Legion Band, "The Conqueror" (Teike) (Zonophone 2909).  
Selection—Savoy Orpheans, "Lido Lady" (Rodgers) (C1310).
- 6.12: Tacet.
- 6.15: New Light Symphony Orchestra, "Rustic Wedding Symphony" (Goldmark) (C1210).  
Victor Olof Sextet, "To a Water-Lily" (Macdowell) (B2690).  
New Light Symphony Orchestra, "Spanish Dance" (Moszkowski) (C1210).  
Wurlitzer organ—Reginald Foort, "Just like a Darby and Joan" (Gilbert) (B2775).
- 6.28: Tacet.
- 6.30: Jack Hylton's Orchestra, "The Selfish Giant" (Coates) (C1253).  
Victor Olof Sextet, (a) "To a Wild Rose," (b) "In Autumn" (Macdowell) (B2690).  
Violin and Wurlitzer organ—De Groot and Terence Casey, "Parted" (Tosti) (B2920).
- 6.44: Tacet.
- 6.45: Victor Symphony Orchestra, "Dance of the Hours" (Ponchielli) (Zonophone EF12).  
Wurlitzer organ—Reginald Foort, "Love Lies" (Kellard) (B2775).  
March—American Legion Band, "Iowa Corn Song" (arrgd. Beeston) (Zonophone 2909).
- 6.58: Tacet.
- 7.0 : News session.
- 8.0 : Town Hall chimes.
- 8.1 : Presentation of hour and half's entertainment by the Four Aces Concert Party.
- 9.30: Dance Programme:  
Foxtrot—Ambrose and his Orchestra, "Sweet, I've Just You" (Young) (H.M.V. EA492).  
Foxtrot—Rhythmic Eight, "Don't Be Like That" (Vinkord) (Zonophone EE154).  
Foxtrot—Nat Shilkret and his Orchestra, "Glad Rag Doll" (Ager) (H.M.V. EA501).

- Foxtrot—Arcadians Dance Band, "Pohee-okee-oh" (Flynn) (Zonophone EE155).
- Waltz—The Troubadours, "Another Kiss" (Schertzing) (H.M.V. EA489).
- 9.45: Wurlitzer organ—Jesse Crawford, "Where the Shy Little Violets Grow" (Warren) (H.M.V. EA521).
- Foxtrot—Waring's Pennsylvanians, "The Song I Love" (Conrad) (H.M.V. EA484).
- Foxtrot—Johnny Hamp's Kentucky Serenaders, "I Fell Head Over Heels in Love" (Thayer) (H.M.V. EA492).
- Foxtrot—Jean Goldkette's Orchestra, "That's what puts the 'Sweet' in 'Home, Sweet Home'" (Newman) (H.M.V. EA487).
- Waltz—Jean Goldkette's Orchestra, "Can You Blame Me?" (Shay) (H.M.V. EA519).
- 10.0 : Foxtrot—Piccadilly Band, "A Room with a View" (Coward) (Columbia 01420).  
Foxtrot—Golden's Orchestra, "She's Got Great Ideas" (Tobias) (Columbia 01159).  
Foxtrot—Cafe Royal Band, "Me and the Man in the Moon" (Leslie) (Regal G20492).  
Foxtrot—Piccadilly Players, "I lift up my finger and say 'Tweet, Tweet'" (Sarony) (Columbia 01595).  
Waltz—Stella Dance Band, "Marie" (Berlin) (Regal G20486).
- 10.15: Medley—Grenadier Guards, "Sir Harry Lauder" (Lauder) (Columbia 02750).  
Foxtrot—All Star Trio, "Perfume of Roses" (Donovan) (Regal G20493).  
Foxtrot—Piccadilly Players, "Happy Go Lucky Bird" (Klaman) (Columbia 01492).  
Foxtrot—Piccadilly Band, "Try to Learn to Love" (Coward) (Columbia 01420).  
Foxtrot—California Ramblers, "Bless You, Sister" (Robinson) (Columbia 01365).  
Waltz—Eddie Thomas's Collegians, "Moonlight on the Danube" (Gay) (Columbia 01135).
- 10.33: Vocal duet—Layton and Johnston, "Carolina Moon" (Davis) (Columbia 01550).  
Foxtrot—Ambassadors Band, "I can't give you anything but Love" (Fields) (Regal G20423).  
Foxtrot—Don Verhee's Orchestra, "Can't help Lovin' dat Man" (Kern) (Columbia 01406).  
Foxtrot—Ted Wallace's Campus Boys, "Jericho" (Mayors) (Columbia 01586).  
Foxtrot—Ambassadors Band, "Wake Up, Chillun, Wake Up" (Trent) (Columbia 01595).  
Waltz—Eddie Thomas's Collegians, "Billie" (Henderson) (Columbia 01584).
- 10.51: Accordeon—Johnnie Sylvester, "In the Good Old Summer-Time" (traditional) (Regal G20350).  
Foxtrot—Campus Boys, "I've got a feeling I'm falling" (Link) (Columbia 01586).  
Foxtrot—Harry Reser's Syncopaters, "I'm Wild about Horns on Automobiles" (Gaskill) (Columbia 01543).  
Waltz—The Cavaliers, "Underneath the Russian Moon" (Gussman) (Columbia 01546).  
Waltz—Paul Whiteman's Orchestra, "My Angeline" (Wayne) (Columbia 07020).
- 11.0 : God Save the King.

## Thursday, October 31

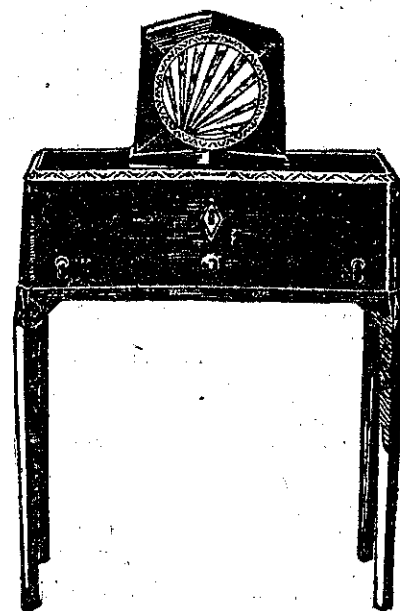
#### 1YA, AUCKLAND (900 KILOCYCLES)—THURSDAY, OCTOBER 31.

- 10.30: Presentation of selected studio items.
- 5.0 : Children's session, conducted by Peter Pan.
- 6.0 : Dinner music—"H.M.V. and Zonophone Hour":  
Berlin State Opera Orchestra, "Polonaise No. 2" (Liszt—arrgd. Muller) (H.M.V. D1625).  
Violin—Marjorie Hayward, "Poem" (Fibich) (H.M.V. B2938).
- 6.12: Tacet.
- 6.15: Kirilloff's Russian Balalaika Orchestra, "Shining Moon" (Russian folk song) (H.M.V. EA48).  
Organ—Reginald Foort, "Just Like Darby and Joan" (Gilbert-Leslie) (H.M.V. B2775).  
Violin—Marjorie Hayward, "Thais Meditation" (Massenet) (H.M.V. B2938).  
Kirilloff's Russian Balalaika Orchestra, "Song of the Volga Boatmen" (Russian folk song) (H.M.V. EA48).
- 6.28: Tacet.
- 6.30: Hawaiian orchestra—Hilo Hawaiian Orchestra, (a) "My Hula Love"; (b) "Kawaihau Waltz" (Kealakai) (H.M.V. B2799).  
Organ—Reginald Foort, "Love Lies" (Kellard-Clifford) (H.M.V. B2775).  
Utica Jubilee Singers—"Climbing up the Mountain" (Zonophone 5159).
- 6.43: Tacet.
- 6.45: The Band of H.M. Coldstream Guards, "Selection of Leslie Stuart's Songs" (arrgd. Hume) (H.M.V. C1628).  
Chicago Symphony Orchestra, (a) "Serenade" (Volkman); (b) "Flight of the Bumble Bee" (Rimsky-Korsakov) (H.M.V. ED9).

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# RCA RADIOLA

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BOX 830, WELLINGTON.

6.58: Tacet.

7.0 : Book review.

7.15: News and market reports.

8.0 : Chimes.

8.1 : Presentation of programme from the model studio, Town Hall.

1YA Orchestral Octet—"Queen High Selection" (Gensler).

Olympian Clarion Octet—(a) "The Angelus" (Maritana) (Wallace);  
(b) "When Evening's Twilight" (Hatton).

Piano—Miss Margot St. L. Toner, "First Movement Tradjica" (McDowell).

Interval of ten minutes while the following items are broadcast from the studio, France Street:

Band—Municipal Band, "Wedding of the Winds" (Hall) (Brunswick 57014).

Organ—Eddie Dunstedter, "Carolina Moon" (Burke) (Brunswick 4292).

Hawaiian—Randolph's Royal Hawaiians, "Weary River" (Silvers) (Brunswick 4260).

Continuation of programme from model studio, Town Hall:

1YA Orchestral Octet—"Samoan Love Waltz" (Middleton).

Duet—Misses D. Youd and Martha Williamson, "Sainted Mother," from "Maritana" (Wallace).

Mr. R. A. Jury—"Sparks" (Alford).

Mr. J. F. Montague—"Henry V. at Harfleur" (Shakespeare).

Baritone—Mr. H. Bary Coney, (a) "O Thou Palermo" (Verdi); (b) "I'm a Cornish Man" (Henty).

Interval of ten minutes while the following items are broadcast from the studio, France Street:

Peter Biljo's Balalaika Orchestra, "Oriental Dance" (Rimsky Korsakov) (Brunswick 77006).

Sirba cymbal solo—J. Moskwitz and Olshanetsky's Orchestra, "Prince Carol" (Sirba) (Brunswick 67104).

Anglo-Persians Orchestra, "Dance of the Paper Dolls" (Siras) (Brunswick 4299).

Continuation of programme from model studio, Town Hall:

Miss Alma McGruer, "Whither" (Schubert).

Entertainer—Mr. Owen Pritchard, "Humour."

Solo—Mr. Lambert Harvey, "Gingham Gown" (Penn).

The Bohemian Duo, (a) "Matangi" (traditional); (b) "Pokarekare" (traditional).

Interval of ten minutes while the following items are broadcast from the studio, France Street:

Band—Municipal Band, "Cuckoo" (Brunswick 4358).

Male chorus—Famous Forty Elks Chorus, "Sylvia" (Speaks) (Brunswick 4300).

Band—Municipal Band, "My Treasure" (Brunswick 57014).

Continuation of programme from model studio, Town Hall:

Olympian Clarion Octet—"In the Woods" (Mendelssohn).

1YA Orchestral Octet—"Dansedes Persannes" (Moszkowski).

Solo—Miss Beryl Smith, "Ring, Bells, Ring" (Day).

Duet—Messrs. D. Black and J. Simpson, "Afton Water" (Hume).

1YA Orchestral Octet—"Marche Turque" (Moussorgsky-Salabert).

Returning to studio, France Street, for the following items:

10.0 : "H.M.V." and "Zonophone" Dance Programme:

Foxtrot—Jack Hylton and his Orchestra, "Ever So Goosey" (Butler-Wallace) (H.M.V. EA578).

Foxtrot—Rudy Vallee and his Connecticut Yankees, "The One that I Love, Loves Me" (Turk) (H.M.V. EA565).

Foxtrot—Nat Shilkret and his Orchestra, "From Sunrise to Sunset" (McLaughlin-Miller) (H.M.V. EA570).

Waltz—Rudy Vallee and his Connecticut Yankees, "Underneath the Russian Moon" (Kendis-Samuels-Gusman) (H.M.V. EA565).

10.14: Orchestral—Jack Hylton and his Orchestra, "Good Old Songs" Selection, Part 1 (H.M.V. C1592).

Foxtrot—Jack Hylton and his Orchestra, "The Toymaker's Dream" (Golden) (H.M.V. EA578).

Foxtrot—Nat Shilkret and his Orchestra, "Who Cares What You Have Been?" (Wolfe Gilbert-Freed) (H.M.V. EA570).

Waltz—Hilo Hawaiian Orchestra, "Blue Hawaii" (Baer, Caesar, Schuster) (H.M.V. EA574).

Waltz—Gus Arnheim and his Orchestra, "Sleepy Valley" (Sterling-Hanley) (H.M.V. EA583).

10.27: Orchestral—Jack Hylton and his Orchestra, "Good Old Songs Selection," Part 2 (H.M.V. C1592).

Foxtrot—Nat Shilkret and his Orchestra, "There is a Happy Land" (Lewis, Young Akst) (H.M.V. EA546).

Foxtrot—Gus Arnheim and his Orchestra, "This is Heaven" (Yeller-Akst) (H.M.V. EA583).

10.40: Foxtrot—Nat Shilkret and his Orchestra, "Wedding Bells" (Kahal-Raskin-Fair) (H.M.V. EA546).

Foxtrot—Jack Hylton and his Orchestra, "The Heart of the Sunset" (Nicholls) (H.M.V. EA571).

Waltz—Hilo Hawaiian Orchestra, "Sparkling Waters of Waikiki" (Davis Williams) (H.M.V. EA574).

Baritone—Maurice Chevalier, "On Top of the World, Alone" (Robin-Whiting) (H.M.V. EA560).

Foxtrot—The Rhythmic Eight, "Saskatchewan" (Gilbert) (Zonophone BE126).

10.54: Foxtrot—Jack Shilkret's Orchestra, "In Your Green Hat" (Yeller-Ager) (H.M.V. EA53).

Foxtrot—Rudy Vallee and his Connecticut Yankees, "I'm Just a Vagabond Lover" (H.M.V. EA580).

11.0 : God Save the King.

## 2YA, WELLINGTON (720 KILOCYCLES)—THURSDAY, OCTOBER 31.

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

3.1 : Selected gramophone items.

4.30 and 4.50: Sports results to hand.

5.0 : Children's session conducted by Uncle George.

6.0 : Dinner session—"Parlophone" Hour:

Grand Symphony Orchestra, "Largo—Ombra mai fu" (Handel) (A4033).

Dajos Bela Orchestra, "Lilac Time" Selection (Schubert-Berte) (A4031).

6.12: Tacet.

6.15: Dajos Bela Orchestra, "Electric Girl" (Holmes) (A2009).

Organ—Sigmund Krumbold, "Indian Love Call" ("Rose Marie"—(Friml) (A2339).

Waltz—Royal Music-Makers, "Ah! Sweet Mystery of Life" (Herbert) (A2722).

Dajos Bela Orchestra, "Eldgaffeln" (Landen) (A4099).

6.29: Tacet.

6.30: Edith Lorand Orchestra, "The Gipsy Baron" (Strauss) (A4099).

Waltz—Royal Music-Makers, "Kiss Me Again" (Herbert) (A2722).

Organ—Sigmund Krumbold, "Gipsy Love Song" (Herbert) (2339).

6.44: Tacet.

6.45: Dajos Bela Orchestra, "The Grenadiers" Waltz (Waldteufel) (A4081).

Piano and orchestra—Raie da Costa, "Sweetheart, I'm Dreaming of You" (Carter) (A4041).

Waltz—Orchestra Mascotte, "Siren Magic" (Waldteufel) (A2650).

7.0 : News session, market reports and sports results.

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

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

8.1 : Tenor—Frank Titterton, (a) "By the Sea" (Schubert), (b) "Ave Maria" (Schubert) (02710).

Baritone—Roy Henderson, (a) "Tartarus" (Schubert), (b) "The Signpost" (Columbia 02711).

8.15: Relay from Wellington Town Hall of the Wellington Symphony Orchestra's final concert of the 1929 season:

Conductor: Mr. Leon de Mauny.

Soloists: Madame Evelyn de Mauny and Mr. Harrison Cook.

Symphony—Orchestra, "Symphony in G" (Unfinished) (Schubert).

Bass—Mr. Harrison Cook, "The Erl King" (Schubert).

Overture—Orchestra, "Rosamunde" (Schubert).

Weather report.

Overture—Orchestra, "Tannhauser" (Wagner).

Piano concerto—Madame Evelyn de Mauny and Orchestra, "Concerto in A Minor—First Movement" (Schumann).

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

March—Orchestra, "Pomp and Circumstance" (Elgar).

Close down.

## 3YA, CHRISTCHURCH (980 KILOCYCLES)—THURSDAY, OCTOBER 31.

3.0 : Afternoon session—selected studio items.

4.25: Sports results to hand.

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

6.0 : Dinner session—"Parlophone" hour:

Overture—Berlin State Opera House Orchestra, "Magic Flute" (Mozart) (A5011).

Edith Lorand Orchestra, "Trio in D Minor—Scherzo" (Mendelssohn) (E10563).

6.12: Tacet.

6.15: Orchestra of the Opera Comique, Paris, "The Afternoon of a Faun" (Debussy) (A4058).

'Cello—Orabio di Castro, "Nocturne in E Flat" (Chopin) (E10581).

6.27: Tacet.

6.30: Orchestra of the Concert Colonne, Paris, "Berceuse—The Firebird" (Stravinsky) (AR1025).

Prisca String Quartet, "Emperor Quartet—Andante Cantabile" (Haydn) (E10628).

6.42: Tacet.

6.45: Violin—Spivakowsky, "Sonata XI" (Paganini) (E10562).

Berlin State Opera Orchestra, "Lohengrin" Fantasia (Wagner) (E10587).

6.55: Tacet.

7.0 : News session.

7.30: Lecture—Mr. R. McGillivray, Fields Superintendent, Department of Agriculture, "Manuring of Crops."

8.0 : Chimes.

8.1 : Overture—Studio Octet, under the conductorship of Mr. Harold Beck, "Gressenhall Suite" (Cunningham Woods): 1. Preamble; 2. Norfolk folk tune; 3. Slow air; 4. Jig and Finale.

8.12: Vocal quartet—Melodious Four, "Into the Silent Land" (Bainton).

Contralto—Miss Belle Renaut, (a) "Earl Bristol's Farewell" (Lidgley); (b) "See Where My Love A'Maying Goes" (Lidgley).

8.19: Edith Lorand Orchestra, "I Love You" (Grieg) (Parlophone E10591).

- 8.23: Baritone, recitative and aria—Mr. T. D. Williams, (a) "I Rage, I Melt, I Burn"; (b) "O Rudder than the Cherry" ("Acis and Galatea") (Handel).
- 8.27: Studio Instrumental Octet, (a) "Humoresque" (Dvorak); (b) "Gavotte" (Rameau).
- 8.35: Soprano and tenor duet—"Dolce Duo, 'I Muse on Thee'" (Kucken).  
Cimbalo solo—Anna Linde, "Passaglia" (Handel) (Parlophone E10514).
- 8.38: Viola and harpsichord—Anna Linde and Paul Grummer, "Divertaments" (Haydn) (Parlophone E10583).
- 8.46: Soprano—Miss Frances Hamerton, (a) "Nightingales" (Rameau); (b) "Passion Stirred" (Rameau).
- 8.50: Selection—Edith Lorand Orchestra, "La Boheme" (Puccini) (Parlophone E10558).
- 8.58: Vocal quartet—Melodious Four, "I Love My Love" (Holst).
- 9.0: Weather report.
- 9.2: Studio Instrumental Octet, (a) "Waltz" (Scott); (b) "Intermezzo" (Scott); (c) "Passaglia" (Scott).
- 9.8: Tenor—Mr. Russell Sumner, (a) "Duna" (McGill); (b) "I Hear a Thrush at Eve" (Cadman).  
Vocal duet—Melodious Duo, "Night Hymn at Sea" (Goring Thomas).
- 9.13: Pianoforte—Jan Paderewski, "Minuet" (Paderewski) (H.M.V. DB1090).
- 9.16: Soprano—Miss Frances Hamerton, "Nuit d'Espagne" (Dreyfus).
- 9.20: Studio Instrumental Octet—(a) "Meditation" (violin soloist, Miss Florence Millar) (Glazounof); (b) "Cortage Catalan" (De Severac).
- 9.28: Baritone—Mr. T. D. Williams, "Because of You" (Tosti) (violin obligato by Miss Irene Morris).  
Vocal quartet—Melodious Four, "Music When Soft Voices Die" (Bantock).
- 9.35: Grand organ—Edwin H. Lemare, "Andantino in D Flat" (Lemare) (H.M.V. C1455).
- 9.38: Contralto—Miss Belle Renaut, "The Maiden's Plaint" (Schubert).
- 9.42: Studio Instrumental Octet—(a) "Tempo di Menuetto" (Beethoven); (b) "Spanish Dance" (Moszkowski).
- 9.49: Tenor—Mr. Russell Sumner, "My Heart Sings to You" (Ashley).
- 9.52: Vocal quartet—Melodious Four, "My Little Pretty One" (Shaw).
- 9.55: Edith Lorand Orchestra, "Cavalleria Rusticana" Fantasia (Mascagni) (Parlophone E10569).
- 10.0: Close down.

**4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, OCTOBER 31.**  
SILENT DAY.

## Friday, November 1

**1YA, AUCKLAND (900 KILOCYCLES)—FRIDAY, NOVEMBER 1.**

- 10.30: Presentation of selected studio items.
- 4.30: Children's party.
- 6.0: Dinner session—"Columbia and Regal" Hour:  
Royal Philharmonic Orchestra, "Scherzo from Two Movements in Symphonic Form" (Merrick) (Columbia 02782).  
Cello—W. H. Squire, "Reverie" (Dunkler) (Columbia 04158).
- 6.12: Tacet.
- 6.15: Royal Philharmonic Orchestra, "Poco Allegro from Two Movements in Symphonic Form" (Merrick) (Columbia 02783).  
Piano—Ignaz Friedman, "La Campanella" (Liszt, arr. Busoni) (Columbia L1804).
- 6.27: Tacet.
- 6.30: Don Cossacks Choir, "Evening Bells" (Arr. Serge Jaroff) (Columbia 02792).  
Royal Philharmonic Orchestra, "A Village Romeo and Juliet—The Walk to the Paradise Garden" (Delius) (Columbia 04181).
- 6.42: Tacet.
- 6.45: String Quartet—London String Quartet, "Andante Cantabile" from "Quartet Op. 11" (Tchaikowsky) (Columbia L1004).  
London Symphony Orchestra, "Norwegian Dances Nos. 3 and 4" (Greig) (Columbia L1734).
- 6.57: Tacet.
- 7.0: Talk.
- 7.15: News and market reports.
- 7.40: Talk by member of S.P.C.A. "Cruelty to Dumb Animals."
- 8.0: Chimes.
- Presentation of programme from model studio, Town Hall  
1YA Orchestral Octet—"Potted Overtures" (Englemann).  
Contralto—Miss Phyllis Hazell, (a) "The Spirit Song" (Haydn); (b) "Thinking of You" (Coates).  
Recital—"The Highwayman" (Noyes) Mr. Tom Harris.  
Interval of 10 minutes while the following items are broadcast from the Studio, France Street.  
Bass—Norman Allin, "The Mighty Deep" (Jude) (Columbia 01637).  
Regimental Band of H.M. Grenadier Guards, "Naval March" (Columbia 01640).  
Saxophone—Chester Hazlett, "Valse Inspiration" (Hazlett) (Columbia 01627).  
Continuation of programme from Model Studio, Town Hall.

- The Studio Trio—(a) "Prelude in C Sharp Minor" (Rachmaninoff); (b) "Autumn and Winter" (Glazounov).  
Soprano solo with flute obligato and orchestral accompaniment—Miss Millicent O'Grady, "Lo Hear the Gentle Lark" (Bishop).  
Piano—Mr. Eric Waters, "Valse in E Major" (Moszkowski).  
1YA Orchestral Octet—"Plantation Holiday" (Seegold).  
Interval of 10 minutes while the following items are broadcast from the studio, France Street:  
Band—Regimental Band of H.M. Grenadier Guards, "Anglo-American March" (Columbia 01641).  
Violin—Yelli d'Aranyi, "Bagatelle in D" (Gatty) (Columbia 01622).  
Hawaiian—Linn Milford and His Hawaiian Players, "Honeymoon Chimes" (Brown and Earl) (Regal G20550).  
Continuation of programme from model studio, Town Hall.  
Items by "The Ringers" Minstrel Troupe.  
Interval of 10 minutes while the following items are broadcast from the studio, France Street:  
British Broadcasting Wireless Military Band, "Golliwog's Cake Walk" (Debussy) (Columbia 02893).  
Contralto—Clara Serena, "Silver Threads Among the Gold" (Danks) (Columbia 01578).  
Hawaiian—Linn Milford and His Hawaiian Players, "Kawaiikau Waltz" (Regal G20550).  
Continuation of programme from Model Studio, Town Hall.  
Items by "The Ringers" Minstrel Troupe.  
Interval of 10 minutes while the following items are broadcast from the studio, France Street:  
Chorus and Orchestral of the Theatre National de l'Opera, Paris, "La Kermesse" (Gounod) (Columbia 02895).  
The British Broadcasting Wireless Symphony Orchestra, "H.M.S. Pinafore Selection" (Sullivan) (Regal G30023).  
Continuation of programme from Model Studio, Town Hall.  
Baritone—Mr. Reg. Richards, (a) "Drink to me Only" (Quilter); (b) "Time was I Loved the Mountains" (Loehr).  
Soprano—Mrs. Laetitia Parry, (a) "La Serenata" (Bruga); (b) "Faith in the Spring" (Schubert).  
1YA Orchestral Octet—"Three Dale Dances" (Wood).
- 10.30: God Save the King.

**2YA, WELLINGTON (720 KILOCYCLES)—FRIDAY, NOVEMBER 1.**

- 3.0: Chimes of the G.P.O. clock.
- 3.1: Selected gramophone items.
- 4.30 and 4.50: Sports results to hand.
- 5.0: Children's session conducted by Big Brother Jack.
- 6.0: Dinner session—"His Master's Voice" Hour:  
Overture—National Symphony Orchestra, "Die Fledermaus" (The Bat) (Strauss) (EB20).  
Organ—Leslie James, "Lily of Laguna" (Stuart) (B2902).
- 6.12: Tacet.
- 6.15: National Symphony Orchestra, "La Boheme" Fantasia (Puccini) (EB20).  
Piccadilly Orchestra, "A Waltz Dream" (Strauss) (B2684).
- 6.29: Tacet.
- 6.30: Mayfair Orchestra, "Madame Pompadour" (Fall) (C1141).  
Victor Arden and Phil Ohman's Orchestra, "Selection—Funny Face" (Gershwin) (EB28).
- 6.42: Tacet.
- 6.45: Marek Weber's Orchestra, "La Tosca" Potpourri (Puccini) (C1413).  
Victor Arden and Phil Ohman's Orchestra, "Good News" (Brown) (EB28).
- 6.57: Tacet.
- 7.0: News session, market reports and sports results.
- 7.40: Lecturette—Mr. R. R. Money (late Royal Air Force), "Flying Without Tears."
- 8.0: Chimes of the G.P.O. clock.
- 8.1: Overture—2YA Orchestra under the conductorship of Signor Truda, "Stradella" (Flotow).
- 8.9: Soprano—Miss Ena Rapley, "The Old-Fashioned Cloak" (The Rebel Maid) (Montague Phillips).
- 8.13: Pianoforte—Miss Gladys Morgan, (a) "Carillon" (O'Neill), (b) "Viennese Waltz" (Scott).
- 8.20: Baritone—Mr. Arthur Brady, "Toreador Song" ("Carmen") (Bizet).
- 8.24: Recital—Mr. Cedric Gardiner, "How It Happened" (Conan Doyle).
- 8.31: Selection—2YA, Orchestral, "Tales of Hoffman" (Offenbach).
- 8.39: Tenor—Mr. Edwin Dennis, "Una Furtiva Sagrama" ("L'Esir di Mora" (Donizetti)).
- 8.43: Contralto—Miss Madge Freeman, "Tony from America" ("Quaker Girl"—Monckton).
- 8.47: Violin—Fritz Kreisler, "La Vida Breve" (Spanish Dance) (De Falla, arrgd. Kreisler) (H.M.V. DA1009).
- 8.51: Vocal quartet—Philharmonic Quartet, "Annie Laurie" (Sawyer).
- 8.54: Concert waltz—2YA Orchestral, "Espana" Waltz (Waldteufel).
- 9.2: Weather report.
- 9.4: Soprano—Miss Ena Rapley, "When My Ships" ("The Rebel Maid") (Phillips).
- 9.8: Vocal duet—Miss Madge Freeman and Mr. Edwin Dennis, "When Song is Sweet" (Sans-Souci).
- 9.12: Instrumental—2YA Orchestral, "The Casino Girl" (Englander).
- 9.20: Humour—Mr. Cedric Gardiner, "He Tried to Tell His Wife" (Anon.).



- 9.27: Contralto—Miss Madge Freeman, "Come to the Ball" ("Quaker Girl"—Monckton).  
 9.31: Violin—Fritz Kreisler, "Tango" (Albeniz, arrgd. Kreisler) (H.M.V. DA1009).  
 9.34: Tenor—Mr. Edwin Dennis, "A Warwickshire Wooing" (James).  
 9.38: Instrumental—2YA Orchestral, "The Silver Slipper" (Stuart).  
 9.46: Vocal duet—Miss Ena Rapley and Mr. Edwin Dennis, "Parted" (Tosti).  
 9.50: Baritone—Mr. Arthur Brady, "A Jovial Monk Am I" ("La Poupee"—Audran).  
 9.54: Musical comedy selection—2YA Orchestral, "Lola from Berlin" (Swartz).  
 10.2: Close down.

### 3YA, CHRISTCHURCH (980 KILOCYCLES)—FRIDAY, NOVEMBER 1.

- 3.0: Afternoon session—selected studio items.  
 4.25: Sports results to hand.  
 5.0: Children's session.  
 6.0: Dinner Session—"His Master's Voice" Hour:  
 Piccadilly Orchestra, "The Waltz Dream" (Strauss) (B2884).  
 Wurlitzer organ—Jessie Crawford, "La Paloma" (Yradier) (EA190).  
 Saloon Orchestra—"Glow Worm Idyll" (Lincke) (B2169).  
 6.12: Tacet.  
 6.15: San Francisco Symphony Orchestra, (a) "Serenade" (Moszkowski); (b) "Aubade" (Auber) (ED6).  
 Instrumental trio—Kreisler, Kreisler and Raucheisen, "L'Arlesienne—Intermezzo" (Bizet) (DB1166).  
 National Symphony Orchestra, "The Bohemian Girl" selection (Balfe) (A340).  
 6.27: Tacet.  
 6.30: Piccadilly Orchestra, "None But the Weary Heart" (Tschalkowsky).  
 Wurlitzer organ—Edward O'Henry, "Minuet in G" (Beethoven) (B2873).  
 Saloon Orchestra, "Narcissus" (Nevin) (EE111).  
 Violin—Isolde Menges, "From the Land of the Sky Blue Water" (Cadman) (D1316).  
 6.42: Tacet.  
 6.45: Market Weber's Orchestra, "Moonlight on the Alster" (C1407).  
 Selection—Gems from "The Desert Song" (Harbach) (EB7).  
 San Francisco Symphony Orchestra, "Liebeslied" (Kreisler) (ED6).  
 6.55: Tacet.  
 7.0: News session.  
 7.59: Relay from Temuka, South Canterbury, of Demonstration Concert of Temuka Musical Competitions.  
 10.0: "His Master's Voice" Dance Programme:  
 Foxtrot—Statler Pennsylvanians, "It Goes Like This" (Caesar) (EA446).  
 Foxtrot—George Olsen's Music, "Break Away" (Gottler) (EA554).  
 Foxtrot—Connecticut Yankees, "S'Posin'" (Razaf) (EA582).  
 Foxtrot—Geo. Olsen's Music, "That's You, Baby" (Gottler) (EA553).  
 Waltz—Troubadours, "Revenge" (Lewis) (EA447).  
 Waltz—Nat Shilkret's Orchestra, "Lady Divine" (Shilkret) (EA531).  
 Foxtrot—Waring's Pennsylvanians, "That's How I Feel About You" (Davis) (EA516).  
 Foxtrot—Geo. Olsen's Music, "Walkin' With Susie" (Gottler) (EA553).  
 Foxtrot—Connecticut Yankees, "The One in the World" (Little) (EA582).  
 Foxtrot—Nat Shilkret's Orchestra, "When Summer Has Gone" (Harrison) (EA507).  
 Foxtrot—Geo. Olsen's Music, "Big City Blues" (Gottler) (EA554).  
 Waltz—Arnheim's Orchestra, "Sleepy Valley" (Sterling) (EA583).  
 Waltz—Troubadours, "Dolores" (Corossman) (EA583).  
 Foxtrot—Geo. Olsen's Music, "A Precious Little Thing Called Love" (Davis) (EA507).  
 Foxtrot—Rhythm Band, "Teach Me to Dance Like Grandma" (Coward) (EA471).  
 Foxtrot—Arnheim's Orchestra, "This is Heaven" (Yellen) (EA583).  
 Foxtrot—Nat Shilkret's Orchestra, "Some Sweet Day" (Shilkret) (EA531).  
 Foxtrot—Geo. Olsen's Music, "Doin' the Raccoon" (Klages) (EA446).  
 Foxtrot—Rhythm Band, "A Room With a View" (Coward) (EA471).  
 Foxtrot—Geo. Olsen's Music, "In a Little Town Called Home, Sweet Home" (Donaldson) (EA516).  
 11.0: Close down.

### 4YA, DUNEDIN (650 KILOCYCLES)—FRIDAY, NOVEMBER 1.

- 3.0: Town Hall chimes.  
 3.1: Afternoon session—Selected gramophone items.  
 4.25: Sporting results to hand.  
 4.30: Close down.  
 5.0: Town Hall chimes.  
 5.1: Children's hour, conducted by Aunt Shella.  
 6.0: Dinner session—"H.M.V. Hour"—  
 Selection—New Mayfair Orchestra, "Lilac Time" (Schubert-Clutsam) (C1457).  
 Orchestral—Royal Opera Orchestra, "Carmen Ballet No. 1" (Bizet) (C1424).  
 6.12: Tacet.  
 6.15: Orchestral—National Symphony Orchestra, "William Tell" Overture (Rossini) (Zonophone 2069/70).  
 6.27: Tacet.

- 6.30: Instrumental—Royal Opera Orchestra, "Sylvia Ballet—Pizzicato and Procession of Bacchus" (C1418).  
 Orchestral—Royal Opera Orchestra, "Carmen Ballet No. 2" (Bizet) (C1424).  
 6.42: Tacet.  
 6.45: Instrumental—Detroit Symphony Orchestra, "Spanish Rhapsody" (Chabrier) (E522).  
 Instrumental—Philadelphia Symphony Orchestra, "Nocturne No. 2—Fetes" (Debussy) (E507).  
 6.57: Tacet.  
 7.0: News session.  
 8.0: Town Hall chimes.  
 8.1: Overture—Royal Albert Hall Orchestra, "Zampa" (Herold) (H.M.V. record D169).  
 8.9: Baritone—Mr. G. M. Salmond, "Prologue from Pagliacci" (Leoncavallo).  
 8.16: 4YA Broadcasting Trio, (a) "2nd Movement of Piano Sonata No. 9" (Beethoven); (b) "Andante" (Beethoven).  
 8.24: Recitation—Mr. Lester Moller, (a) "The Cavalier's Escape" (Thorbury); (b) "The Spring Poet" (Anon.).  
 8.28: Contralto—Miss Gwenda Burt, (a) "Slumber Sea" (Chisholm); (b) "Whatever is Best" (Lohr).  
 8.33: Cello solo—Mr. P. J. Palmer "Menuetto" (Popper).  
 8.39: Soprano—Miss Roe Stubbs, "See Now the Dusk is Falling" (Raff).  
 8.43: Violin—Kreisler, "From the Land of the Sky-blue Water" (Cadman) (H.M.V. record DA745).  
 8.47: Piano—Mrs. Ernest Drake, "Reflects dans l'eau" (Debussy).  
 8.52: Tenor—Mr. H. Drew, "The Deathless Army" (Trotter).  
 8.58: String Quartet—Elman String Quartet—"Andante Cantabile" (Tschalkowsky) (H.M.V. record DB1055).  
 9.1: Weather report and announcements.  
 9.3: Tone Poem—Royal Albert Hall Orchestra—"Finlandia" (Sibelius) (D1089).  
 9.7: Baritone—Mr. G. M. Salmond, (a) "She is Far from the Land" (Lambert); (b) "The Sea Gipsy" (Willeby).  
 9.12: 4YA Broadcasting Trio, "Trio in E Flat, 2nd, 3rd and 4th Movements" (Beethoven).  
 9.25: Contralto—Miss Gwenda Burt, "Abide With Me" (Liddle).  
 9.28: Humour—Mr. Lester Moller, "Bertram on Geography" (Rutherford).  
 9.32: Cello Solo—Mr. P. J. Palmer, "Arlequin" (Popper).  
 9.37: Soprano—Miss Rae Stubbs, (a) "Yesterday and To-day" (Church); (b) "Bend Low, O Dusky Night" (Speaks).  
 9.42: Violin—Kreisler, "Farewell to Thee" (Liliuokalani) (H.M.V. record DA745).  
 9.50: Tenor—Mr. H. Drew, (a) "For You Alone" (Gheel); (b) "Duna" (Gill).  
 9.56: Orchestral—Philadelphia Symphony Orchestra, "Tales from the Vienna Woods" (Strauss) (H.M.V. record ED2).  
 10.0: God Save the King.

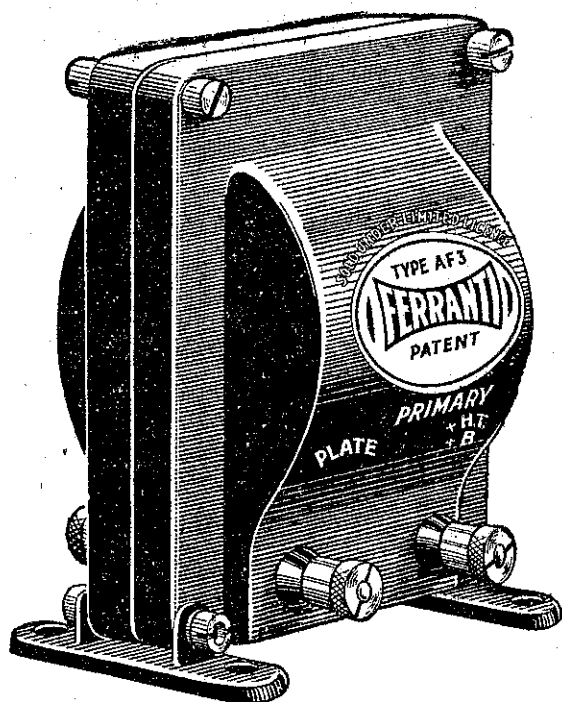
## Saturday, November 2

### 1YA, AUCKLAND (900 KILOCYCLES)—SATURDAY, NOVEMBER 2.

- 10.30: Presentation of selected studio items.  
 5.0: Children's session, conducted by Cinderella.  
 6.0: Dinner music session—"H.M.V. and Zonophone Hour":  
 Chicago Symphony Orchestra, "Slavonic Dance in G Minor" (Dvorak) (H.M.V. D1432).  
 Band—Savoy Orpheans, "Lido Lady Selections" (Rodgers) (H.M.V. C1310).  
 6.13: Tacet.  
 6.15: Orchestral—John Barbirolli's Chamber Orchestra, "A Little Night Music" (Mozart) (H.M.V. C1655/6).  
 6.28: Tacet.  
 6.30: Orchestral—John Barbirolli's Chamber Orchestra, "A Little Night Music—Fourth Movement" (Mozart) (H.M.V. C1656).  
 Orchestral—International Novelty Orchestra, (a) "Amoureuse" (Berger); (b) "Jolly Fellows" (Vollstedt) (Zonophone EF27).  
 6.43: Tacet.  
 6.45: Orchestral—Marek Weber and his Orchestra, (a) "Rustle of Spring" (Sinding); (b) "My Darling Waltz" (Waldteufel) (H.M.V. C1630).  
 Orchestral—Chicago Symphony Orchestra, "Marche Militaire" (Schubert) (H.M.V. ED9).  
 6.57: Tacet.  
 7.0: News, market reports and sports results.  
 8.0: Chimes.  
 8.1: Presentation of programme from model studio, Town Hall.  
 Basham-Briggs Duo, (a) "Tell Her I Love Her So" (Fouge); (b) "When the Lilac Bloom Uncloses" (Schubert-Clutsam).  
 Mr. A. McElwain, "Some Humour."  
 Ingall's Hawaiian Orchestra, (a) "Hawaiian Memories" (Heagney); (b) "Wreath for Princess" (Hopkin).  
 Interval of ten minutes while the following items are broadcast from the studio, France Street:  
 The Coldstream Guards Band, "A Musical Switch" (Alford) (H.M.V. C1580).

- Bass-Baritone—Peter Dawson, "Captain Harry Morgan" (Bantock) (H.M.V. B2884).  
Continuation of programme from model studio, Town Hall.  
The Asquiths—Twenty Minutes Drawingroom Entertainment.  
Interval of ten minutes while the following items are broadcast from the studio, France Street:  
Orchestral—De Groot and Piccadilly Orchestra, "The Waltz Dream Selection" (Strauss) (H.M.V. B2684).  
Humour—Leonard Henry, "The Talk of the Talkies" (Henry) (H.M.V. B2916).  
Continuation of programme from the model studio, Town Hall:  
Piano—Mr. Eric Bell, (a) "Prelude in D Flat" (Chopin); (b) "Poupee Valsante" (Poldini).  
Sketch—Mrs. Culford Bell and Messrs. Jack Gordon and Noel Vear, "A Seat in the Park" (Pinerio).  
Soprano—Miss Lola Solomon, (a) "Almond Blossoms" (Arundale); (b) "Down Vauxhall Way" (Oliver).  
Interval of ten minutes while the following items are broadcast from the studio, France Street:  
Band—National Military Band, "Weymouth Chimes" (Howgill) (Zonophone 5119).  
Tenor—John McCormack, "Silver Threads Among the Gold" (Danks) (H.M.V. DA823).  
Organ—Charles W. Saxby, "Les Millions D'Arlequin" (Drigo) (Zonophone A338).  
Continuation of programme from the model studio, Town Hall:  
Mr. A. MacElwain, "More Humour."  
Ingalls' Hawaiians, (a) "Hilo March" (Liliokalani); (b) "Three O'Clock in the Morning" (Robledo).  
10.0 : "Columbia and Regal" Dance Programme:  
Foxtrot—Ray Starita and his Ambassadors Band, "My Man" (Pollock) (01566).  
Foxtrot—The Piccadilly Players, "I'm Tickled to Death I'm Me" (Butler-Evans) (01567).  
Foxtrot—The Piccadilly Players, "I Found You Out When I Found You In" (O'Flynn and Pence) (01568).  
Foxtrot—The Harmonians, "Little Pal" (Regal G20511).  
Baritone—Tom Barratt, "Sweetheart of My Dreams" (Fitch and Lowe) (Regal G20535).  
10.13 : Foxtrot—The Piccadilly Players, "I Lift Up My Finger and Say 'Tweet Tweet'" (Sarony) (01595).  
Foxtrot—Ray Starita and his Ambassadors, "Second-Hand Rose" (Clarke and Hanley) (01566).  
Waltz—The Piccadilly Players, "Lisette" (Major and Andrew) (01568).  
Waltz—Eddie Thomas' Collegians, "Beautiful Ohio" (02904).  
10.29 : Baritone—Tom Barratt, "Little Baby Curls" (Johnson, King and Greer) (Regal 20535).  
Slow Foxtrot—The Piccadilly Players, "Bogey Wail" (Wallace-Mayers) (01567).  
Slow Foxtrot—"Wake Up, Chill'un, Wake Up!" (Trent and Robinson) (01595).  
Waltz—The Cavaliers, "Lady Divine" (01543).  
Waltz—Eddie Thomas' Collegians, "Waltz Medley" (02904).  
10.45 : Duet—Layton and Johnstone, "When the World is at Rest" (Davis and Fain) (01580).  
Foxtrot—The Piccadilly Players, "There'll Be You and I" (01639).  
Foxtrot—Andy Sannella and his All-Star Trio, "Perfume of Roses" (Regal G20493).  
Foxtrot—The Piccadilly Players, "I'll Always Be Mother's Boy" (01639).  
Foxtrot—Harry Reser's Syncopaters, "I'm Wild About Horns on Automobiles" (01543).  
11.0 : God Save the King.
- 2YA, WELLINGTON (750 KILOCYCLES).—SATURDAY, NOVEMBER 2.**
- 3.0 : Afternoon session—selected gramophone items.  
4.30 and 4.50 : Sports results to hand.  
5.0 : Children's session, conducted by Uncle Toby and Aunt Gwen.  
6.0 : Dinner session—"Columbia" hour:  
Overture—H.M. Grenadier Guards Band, "Poet and Peasant" (Suppe) (9087).  
Waltz—Johann Strauss and Symphony Orchestra, "Artist's Life" (Strauss) (02577).  
6.12 : Tacet.  
6.15 : Jean Lensen's Orchestra, "Chanson Bohemienne" (Baldi) (01102).  
Hawaiian—Milford's Hawaiian Players, (a) "Aloha-oe" (Liliokalani); (b) "Kilima" (trdtl.) (Regal G20484).  
Organ—Milton Charles, "Love's Old Sweet Song" (Molloy).  
6.27 : Tacet.  
6.30 : Drury Lane Theatre Orchestra, "Show Boat" selection (Kern) (02772).  
Debroy Somers' Band, "Valse Memories" (arrgd Somers) (01473).  
6.44 : Tacet.  
6.45 : Jean Lensen's Orchestra, (a) "Serenade—Milanka" (Blockx); (b) "Toreador et Andalouse" (Rubinstein) (4293).  
Violin—Sascha Jacobsen, "Always You're Near" (Goodrun) (01123).  
Waltz—Symphony Orchestra, "Tales from the Vienna Woods" (Strauss) (02577).  
6.59 : Tacet.  
7.0 : News session, market reports and sports results.
- 7.40 : Lecturette—Mr. L. D. Haggett, "Burbank's Plant Experiments."  
8.0 : Chimes of the G.P.O. clock.  
8.1 : Overture—2YA Salon Orchestra, under the conductorship of Mr. M. T. Dixon, "Echoes from the Volga" (Seredy).  
8.9 : Vocal quartet—Melodie Four, "Broadway Melody" (Brown, arrgd. Crowther).  
8.14 : Banjo duets—Mesdames Mildred Kenny and M. Tonks, (a) "Blue Hawaii" (Baer); (b) "Fascinating Vamp" (Nussbaum).  
8.20 : Comic song and whistling solo—Mrs. Winifred Birch-Johnston, (a) "Liza Brown" (Harrison); (b) "Charmaine" (Rapee).  
8.28 : Selection—2YA Salon Orchestra, "A Coon's Day Out" (Baynes): 1. Good-morning; 2. Good-afternoon; 3. Good-evening.  
8.36 : Tenor—Mr. Sam Duncan, "A Cottage Small" (Hanley).  
8.40 : Humour—Mr. M. Yates, "Spinning a Yarn" (Middlemiss).  
8.46 : Baritone—Mr. R. S. Allwright, "Nightfall at Sea" (Phillips).  
8.50 : Instrumental—2YA Salon Orchestra, request number.  
8.58 : Weather report.  
9.0 : Vocal quartet—Melodie Four, "Pagan Love Song" (Brown).  
9.4 : Instrumental—2YA Salon Orchestra, (a) "Valse des Alouettes" ("Les Millions d'Arlequin") (Drigo); (b) "Dance of the Tea Dolls" (Schmidt-Hagen).  
9.12 : Bass—Mr. W. W. Marshall, "The Wolf" (Shield).  
9.16 : Banjo duets—Mesdames Mildred Kenny and M. Tonks, (a) "Love Dreams" (Klages); (b) "Deep Night" (Henderson).  
9.23 : Humour—Mr. M. Yates, "A Bunch of Stories" (original).  
9.30 : Musical comedy selection—2YA Salon Orchestra, "My Son John" (Strauss).  
9.38 : Tenor—Mr. Frank Bryant, "When Love Came Calling" (Zamecnik).  
9.42 : Wurlitzer organ—Quentin Maclean, "Flower of Love" (Mendoza) (Columbia 01572).  
9.45 : Vocal quartet—Melodie Four, request number.  
9.49 : Instrumental—2YA Salon Orchestra, Dance Novelties.  
10.0 : "His Master's Voice" dance programme:  
Tango foxtrot—Hamps' Kentucky Serenaders, "Mia Bella Rosu" (Krehler-Magine) (EA545).  
Foxtrot—Connecticut Yankees, "My Time is Your Time" (Little) (EA549).  
Waltz—Arcadians' Orchestra, "Anita" (Pollack) (Zonophone EE154).  
Waltz—Connecticut Yankees, "Bye and Bye, Sweetheart" (Yellen).  
10.12 : Vocal duet—Dora Maughan and Walter Fehl, "That's Just What I Thought" (Bennett) (B3000).  
Foxtrot—Leo Reisman's Orchestra, "Josephita" (Klages) (EA545).  
Foxtrot—Jack Hylton's Orchestra, "Thinking of You" (Ruby) (B5612).  
Waltz—Arcadians' Orchestra, "That Old-time Organ Melody" (Carlton) (Zonophone EE155).  
Waltz—Jesse Crawford's Orchestra, "She's a New Kind of Old-fashioned Girl" (Rose) (EA566).  
10.30 : Novelty—Vaughan de Leath, "The Toymaker's Dream" (Golden) (Zonophone EE164).  
Foxtrot—Jack Hylton's Orchestra, "Up in the Clouds" (Ruby) (B5612).  
Foxtrot—Waring's Pennsylvanians, "A Love Song of Alsace Lorraine" (Davis) (EA561).  
Waltz—Gus Arnheim's Orchestra, "Sleepy Valley" (Sterling) (EA583).  
Waltz—Hilo Hawaiian Orchestra, "Blue Hawaii" (Baer) (EA574).  
10.45 : Sporting summary.  
11.0 : Close down.
- 3YA, CHRISTCHURCH (980 KILOCYCLES).—SATURDAY, NOVEMBER 2.**
- 3.0 : Afternoon session—selected studio items.  
4.25 : Sports results to hand.  
5.0 : Children's session, conducted by Aunt Pat and Chuckle.  
6.0 : Dinner session—"Columbia" hour:  
Columbia Symphony Orchestra, "Scarf Dance" (Chaminade) (01371).  
Waltz—South Sea Islanders, "The Call of Aloha" (Hyatt) (01014).  
Columbia Symphony Orchestra, "The Flatterer" (Chaminade) (01371).  
Musical Art Quartet—"Mighty Lak' a Rose" (Nevin) (01506).  
6.12 : Tacet.  
6.15 : Eddie Thomas' Collegians, "Waltz Medley" (Herbert) (02904).  
Tango—Mark Hopkins' Hotel Orchestra, "Senorita" (Weeks) (01584).  
Court Symphony Orchestra, "In Venice" (Sellars) (896).  
Stellar Dance Band, "The Song I Love" (foxtrot) (De Sylva) (Regal G20451).  
6.29 : Tacet.  
6.30 : Milan Symphony Orchestra, "Intermezzo" ("Cavalleria Rusticana") (Mascagni) (02841).  
Wurlitzer organ—Ivettin McLean, "Prelude No. 2" ("Merchant of Venice" Suite) (Rosse) (02797).  
Columbia Symphony Orchestra, "When the Lemons Bloom" (Strauss) (02529).  
6.42 : Tacet.  
6.45 : Columbia Symphony Orchestra, "March of the Toys" (Herbert) (02651).  
Ray Starita's Ambassadors "Five o'Clock Girl" Selection (Kalmar) (02886).  
6.55 : Tacet.  
7.0 : News session.  
8.0 : Chimes.

- 8.1 : International Concert Orchestra, "The Waltz Dream" (Strauss) (Zonophone EF18).
- 8.5 : Popular songs—Mr. Fred Hale, (a) "Any Girl" (Weston); (b) "Billy Boy" (Crummit).
- 8.9 : Foxtrot—Shilkret's Orchestra, "Nagasaki" (Dixon) (H.M.V. EA412).
- 8.11 : Humour—Mr. Alan W. Brown, (a) "Politeness"; (b) "Table Manners" (Graham).
- 8.16 : Lecture-recital—Miss Millicent Jennings (assisted by Studio Trio). "Lullabies of Many Lands":  
 Studio Trio, "Cradle Song" (Schubert).  
 Vocal solo—Miss Millicent Jennings, "O, Sleep, My Baby" (trdtl. air, C. V. Stanford).  
 Violin solo—Miss Irene Morris, "The Garden Mother's Lullaby" (trdtl. Irish, arrgd. Hughes).  
 Recitals—Miss Millicent Jennings, (a) "Early English Lullaby" (trdtl.); (b) "Three Little Verses" (translation from Spanish); (c) "Sleep Sweetly" (Danish).  
 Vocal solos—Miss Millicent Jennings, (a) "Lullaby" (trdtl. Russian); (b) "Berceuse" (Alfred Hill); (c) "Ninna Nanna" (Venetian Lullaby, arrgd. Coningsby Clarke).  
 Pianoforte solo—Miss Dorothy Davies, "Refrain de Berceau" (Palmgren).



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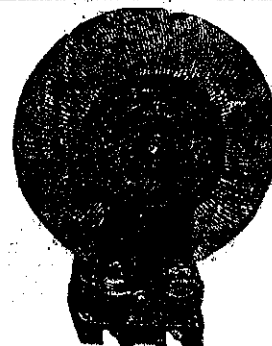
WELLINGTON and AUCKLAND.

*From All Dealers.*

- Vocal solos—Miss Millicent Jennings, (a) "Indian Lullaby" (Lieurance); (b) "French Lullaby—Fais do do" (arrgd. Moore).  
 Vocal solo—Miss Millicent Jennings, "Japanese Songs" (Bantock).  
 Cello solo—Mr. Harold Beck, "Sleep, My Child" (trdtl. Greek melody).  
 Vocal solo with instrumental trio accompaniment—Miss Millicent Jennings, "Lullaby" (Cyril Scott).
- 8.46 : Humour—Mr. George Titchener, "I'm So Spiteful When I'm Wild" (Merson).
- 8.51 : Jazz songs at piano, with ukulele—Joyous Pair, (a) "On Top of the World Alone" (Whiting); (b) "A Room With a View" (Coward).
- 8.57 : Studio Instrumental Trio, (a) "Dialogue" (Bachmann); (b) "Second Valse" (Godard).
- 9.4 : Weather report.
- 9.6 : Selection—Savoy Orpheans, "Hit the Deck" (Youmans) (H.M.V. C1408).
- 9.14 : Popular songs—Mr. George Hale, (a) "Now He Has Got A Beautiful Girl" (Clarke); (b) "Paddy McGinty's Goat" (Weston).
- 9.21 : Cello—Mr. Harold Beck, "Rustic Dance" (Squire).
- 9.25 : Ballads for broad brows—Mr. Alan W. Brown, (a) "The Piteous Ballad of Arabella Booley" (Herbert); (b) "Poor Mr. Davenport" (Herbert).
- 9.31 : Violin and cinema organ—Chas. Williams, "Melody in F" (Rubinstein) (Zonophone 5194).  
 Accordion solo—P. Frosini, "Silver Moon" Waltz (Frosini) (Zonophone EE129).
- 9.37 : Jazz songs at piano with ukulele—Joyous Pair, (a) "I'll Always be in Love with You" (Stept); (b) "Josie and Me" (O'Hagan).
- 9.48 : Studio Instrumental Trio, (a) "The Old Refrain" (Kreisler); (b) "Serenade" (Chaminade); (c) "Hungarian Dance, No. 2" (Brahms).
- 9.53 : Humour—Mr. Geo. Titchener, "Sporting Proposals" (Jay Ross).
- 9.58 : Hilo Hawaiian Orchestra, (a) "Hawaiian Waltz"; (b) "Hy Hula Love" (Kealakai) (H.M.V. B2799).
- 10.2 : Dance music.
- 11.0 : Close down.

### 4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, NOVEMBER 2.

- 3.0 : Town Hall chimes.
- 3.1 : Afternoon session—selected gramophone items.
- 4.25 : Sporting results to hand.
- 4.30 : Close down.
- 5.0 : Children's Hour, conducted by Uncle George.
- 6.0 : Dinner session.
- Selection—Debroy Somer's Band, "The Desert Song" (Romberg) (Columbia 02700).
- Waltz—Eddie Thomas' Collegians, "Moments With You" (Shilkret) (Columbia 01135).
- Mandolin Band—"Turn to Surriento" (de Curtis) (Columbia 01210).
- 6.12 : Tacet.
- 6.15 : Waltzes—International Concert Orchestra, (a) "Over the Waves" (Rosas); (b) "Danube Waves" (Ivanovici) (Zonophone EF3).
- Hawaiian—Hilo Hawaiian Orchestra, (a) "Kawaihau Waltz" (Kealakai); (b) "My Hula Love" (H.M.V. B2799).
- 6.27 : Tacet.
- 6.30 : Wurlitzer organ—"Merchant of Venice" Suite (Rosse); 1. Prelude, 2. Intermezzo, 3. Oriental March (Columbia 02796).
- Mandolin Band—"Stephanie Gavotte" (Czibulka) (Columbia 01210).
- Saxophone—Rudy Wiedoeft, "Serenade" (Drigo) (Columbia 01180).
- 6.42 : Tacet.
- 6.45 : Waltz—International Concert Orchestra "Gipsy Love" (Lehar) (Zonophone EF17).
- New Light Symphony Orchestra, (a) "Barcarolle" (Tales of Hoffman) (Offenbach); (b) "Cavalleria Rusticana—Intermezzo" (Mascagni) (B2377).
- Waltz—International Concert Orchestra, "Sweetheart" (Strauss) (Zonophone EF17).
- 6.59 : Tacet.
- 7.0 : News session.
- 8.0 : Relay of 3YA Christchurch.
- 10.0 : Special Dance Programme from the Studio.
- 11.0 : God Save the King.

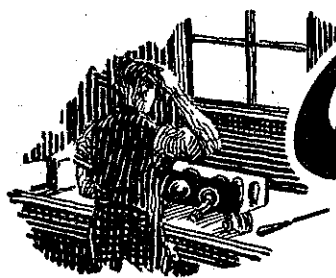


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# Questions and Answers



## Home-Built Condensers.

"CONDENSER" (Temuka), who has constructed several fixed condensers, using celluloid between the tinfoil sheets, states that with 100 volts potential, he can pass a very small current through the condensers. He asks:—

1. Is celluloid sufficient insulation for this purpose?—Yes.

2. Can mica be bought for the purpose, and if so, where?

A.: Mica can be purchased from any big radio dealer, or it may be obtained from an old household iron, the element of which has burnt out.

## Difficulty With Tetrode.

I HAVE recently constructed the improved Tetrode from your issue of August 9, writes "Double Grid" (Christchurch), but although I have checked all the wiring, I find that signal strength is greatest with the vanes out. It decreases with them in.

A.: Try reversing the connections to the reaction condenser. Introduce a choke between the junction of the reaction lead and plate lead, and the speaker negative terminal.

## Constructing a "B" Battery.

I HAVE commenced to build the lead accumulator "B" battery, and would like your assistance on the following questions:—

1. I have departed slightly from the specifications, in that in place of  $\frac{1}{4}$ -inch tubes I am using 1-inch. Will this make any difference?

A.: It will increase slightly the capacity.

2. I have slightly thicker lead than advised. Is this detrimental?—No.

3. I can get lead peroxide for the positive plate, but what do I have to do for the negative?

A.: Leave the lead untreated.

4. Can it be charged from D.C. current?

A.: Yes, a resistance will be used if the current supplied is greater in voltage than that of the battery. Subtract battery voltage from line voltage and multiply the remainder by 10. This is the value of the resistance. It must pass 100 mills.

## Power Amplifier Design.

"H.B." (Wellington) asks the following questions relative to the design of a power amplifier:—

1. Would an amplifier using two 625 valves with 250 on the plate preceded by E415, transformer coupled, supply enough volume from a pick-up for a small hall, 60 x 30?

A.: For most purposes, yes. But if for dancing, a test would be necessary. It would probably be O.K.

2. What transformer secondary voltage would be required to energise the field winding of a moving-coil speaker used as a choke, a second choke of the usual specifications and this amplifier?

A.: The voltage drop across the speaker would be rather large. To be

on the safe side, design the transformer to deliver 400 volts.

3. What output in milliamperes would be required from the rectifier, obtaining grid bias from a separate source, and cutting waste to a minimum? The three valves consume 50 milliamperes.

A.: About 70 milliamperes.

4. What gauge of wire do you recommend for primary and secondary?

A.: Primary and secondary both 32. A. Would "Megohm's" silk diaphragm speaker be capable of handling the volume from the above outfit?

A.: It is very doubtful. Be on the safe side, and use a dynamic cone.

## Evidently a Super-hetrodyne.

IS the accompanying circuit allowed in New Zealand? asks "J.F.K." (Palmerston North).

A.: The sketch is one of two radio frequency valves with a note stating that six more R.F. stages, a detector, and five audio are to follow. This appears to be a modified super-hetrodyne. In any case, the set is far too ambitious. Great losses will occur between the stages. Far better to build a smaller set, say, five or six valves with regeneration and push-pull, and have satisfaction. Apparently the set is not prohibited, though superheterodynes are.

## An Omission.

IN your special issue, there is an article, "The Choice of Power Valves," and on page 10 there appears to be a portion omitted, writes "A.W." (Reefton). Could you supply the missing part?

A.: Three lines were dropped in the carry-over from page 10 to page 11. The amended portion reads: "An example will serve to make perfectly clear the usefulness of the table. As an example, suppose that you, the reader, desired to construct a power amplifier capable of supplying up to 3 watts of power."

2. You make reference to table 2 and table 3. Where are they?

A.: Table 2 appeared on page 11, unfortunately numbered table 1. Table 3 was deleted and the text unfortunately not amended. This useful table

will appear in our hand-book, "All About the All-Electric."

## Concerning A.C.

"D.C.D." (Auckland) asks the following questions relative to power and A.C. supply:—

1. Will a copper or aluminium cover be as effective as an iron cover for an eliminator transformer as far as stopping magnetic fields is concerned?

A.: No, the magnetic permeability of aluminium and copper is much greater than iron. Consequently, iron is the better shield. The formula given in the A.C. number of the "Record" does not seem to be correct. Will you please give an example of a calculation of power output, taking the 171 as an example?

A.: There was more than one formula given in this issue. Please restate your question.

3. Do you anticipate 4-volt A.C. valves will have the same life as the D.C. prototypes?

A.: Yes, there is no reason other than the fluctuation of the mains current why they should be outlived. Unless a reasonable precaution is taken to protect the filaments from mains surges, they will not last as long. Adequate protection means either the use of an automatic line voltage control or supplying the filaments with current a little below their rated requirements.

4. How can I slightly broaden the tuning of my A.C. 3/33?

A.: Tighten the coupling between the aerial and the secondary coil. This amounts to swinging one nearer the other.

## Valve Designations.

IN Laboratory Jottings in the special issue P625 is referred to as a 171A valve, and P625A is represented as being type 245. According to the manufacturer's handbook these should read P625A (171A) and P625 (245).

A.: Yes, this latter is the correct statement.

## A Transformer Problem.

I AM not clear about the secondary winding for a given output voltage, writes "C.E." (Nelson). The table in the Guide states that 1070 turns are necessary on each side of a centre tap to deliver 200 volts. In another column, it is stated that this will be

75 per cent efficient. As my valves requires a full 200 volts, shall I add another 200 turns on each side of the centre tap to make up for the deficiency?

A.: Yes, this will be the safest plan, and will supply adequate voltage.

2. Which is correct? 4000 turns of S.W.G. enamelled wire or 1½ lb. of the same wire to be used in construction of the choke.

A.: 1½ lb. wound on regardless of the number of turns.

## Short-wave Problems.

MY short-wave set oscillates very roughly, complains "E.W.A." (Nelson). How can I make it oscillate more smoothly?

A.: Place a resistance of a value ranging between 100,000 and 500,000 ohms across the secondary of the first audio transformer. If this is unsuccessful try a condenser capacity .00025 mfd.

2. Would a pentode in the last stage be of any advantage?

A.: It is doubtful; it would probably cause instability, and feed-back.

3. The set refuses to oscillate on certain short-wave bands.

A.: Add more turns to the tickler for this particular band. Full details for an efficient set of coils was described in our issue dated April 26, 1929. This was in connection with an article by "Pentode" describing the construction of a very efficient short-wave set, "Round the World Two."

## THE FAMOUS BLUE SPOT CONE SPEAKER UNITS

66A and 66K Models.

ALL OUR LAST WEEK'S SHIPMENT SOLD OUT. ANOTHER SHIPMENT NEXT WEEK.

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Ring 41—446. "The Radio People."

F. J. W. FEAR & CO.  
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# Trade Displays at the Exhibition

## Details of the Stands



ALL INTERESTS have been catered for in the forthcoming Auckland Exhibition. Radio traders are preparing their stands, some for the amateur constructor, some for those who are interested in small sets, while the remainder for those who require an up-to-date receiver of modern design. The allocation of the stands is as follows:

- No. 1 Amateur Radio Transmitting Society.  
 No. 2 Moore's Piano Co., Ltd.  
 No. 3 Lewis Eady, Ltd.  
 No. 4 Hartle and Gray.  
 No. 5 Philips Lamps.  
 No. 6 Harringtons, Ltd.  
 No. 7 "Radio Record."  
 No. 8 Superadio, Ltd.  
 No. 9 Superadio, Ltd.  
 No. 10 Bond and Bond, Ltd.  
 No. 11 J. Wiseman and Sons.  
 No. 12 Frank Wiseman, Ltd.  
 No. 13 Abel Smeeton, Ltd.  
 No. 14 Abel Smeeton, Ltd.  
 No. 15 Radio, Ltd. (Cossor).  
 No. 16 Selectra Radio.  
 No. 17 Radio, Ltd. (Steinite and Ultimate).  
 No. 18 Amalgamated Wireless, Ltd.  
 No. 19 Spedding, Ltd.  
 No. 20 Farmers' Trading Co.  
 No. 21 Johns, Ltd.  
 No. 22 New Zealand Radio.

As far as possible, detailed accounts of these exhibits have been collected. These appear below. There are a few omissions due to the owners of these

stands not having the necessary information available as we go to press. Full details will, however, appear in the issue immediately following the closing of the exhibition, that is, the one dated November 8.

### Stand No. 1.

#### AMATEUR TRANSMITTING ASSOCIATION.

THIS stand, belonging to the Amateur Transmitting Association, will certainly hold more than a passing interest for the public in general, and to amateur transmitting enthusiasts the display will prove all-absorbing. Short-wave equipment for both transmission and reception will be exhibited in variety. A splendid record will be revealed by the amazing number of Q.S.L. cards received by the association and displayed by them on the rear wall of their stand.

### Stand No. 2.

#### MOORE PIANO CO.

THIS firm, realising the difficulties that Auckland listeners are faced with in regard to direct current supply, are arranging a very complete exhibit of rotary converters. The function of this apparatus is to transform the direct current supplied to the home into alternating current that will energise

an AC receiver. With the increasing popularity of this type and the impracticability of completely mains operated DC sets something of this nature is essential. These rotary converters are giving excellent service in many parts of Auckland, in fact most of the leading firms are using them at the present time. Listeners then will be pleased to see this exhibit and learn how they can have the most modern conveniences even though separated from the means of attaining them by what on the face of it appears an inseparable gulf. The principle of the rotary converter is somewhat complicated. As the direct-current voltage is dependent on the alternating-current voltage of supply, variation of the field strength as a control for the power factor is not used. The field, however, is permanently adjusted to hold the power factor reasonably near unity. Independent means are provided for so adjusting the applied alternating voltage as to give the required result at the commutator.

### Stand No. 3.

#### LEWIS EADY.

THE exhibit covers all the latest Mullard productions, including the A.C. types. Other valves in Mullard's latest productions are the screened grid, pentode, and special detectors in

the 2, 4, and 6-volt types which are proving so popular. The latest Magnavox production incorporates the exclusive Magnavox X-core principle which enables the manufacturers to give a lifetime guarantee of original standard of performance. An addition to the Magnavox range is the 10 in. Auditorium Cone in 6-volt and 110-volt to 300-volt D.C. types, besides the standard 230-volt A.C. types.

The new Webster pick-up will prove very interesting to those who can use the audio stages of their receiver in conjunction with an ordinary gramophone. There are many improvements in Webster's new product, one specially fine feature being the ease with which needles can be inserted and replaced by merely twisting the pick-up head. With the volume control in the base and the very fine finish and design of the new Webster pick-up, it offers splendid value.

THE Burgess exhibit displays a wide range of types in both radio and flashlight. Burgess manufacture sizes and capacities suitable for all purposes from the small portable for portable receivers to the large "super" which gives an extremely long life on seven and eight-valve sets.

Those who have heard so much about the Majestic and who have not examined it will have an opportunity of seeing and hearing it perform at the stall of Messrs. Lewis Eady, Limited. The new model Majestic receivers and the combination gramo-

Visitors to the Auckland Radio Show inspect

THE NEW

### MODEL 55—

Screen-grid Table Receiver with Model F4A Electro-Dynamic Speaker and Valves.  
 PRICE £56  
 Complete

### MODEL 60—

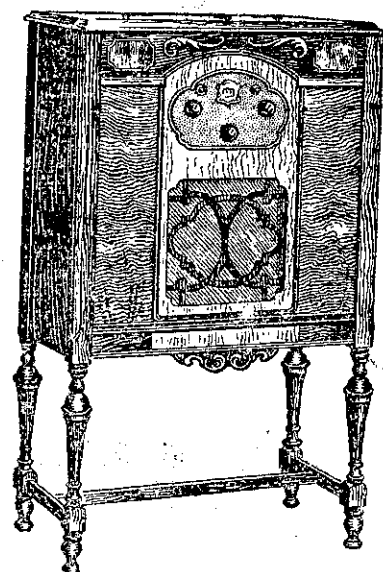
Screen-Grid, extra powerful, extra selective, with Model F4A Electro-Dynamic Speaker and Valves.  
 PRICE £62  
 Complete

# ATWATER KENT

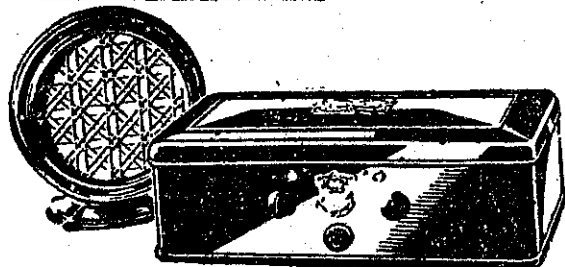
## SCREEN GRID RADIO

### The Greatest Set in all the Years of Radio

THE SET WITH A MASTERY OF DISTANCE—NEEDLE POINT SELECTIVITY—AND TONAL PERFECTION



Cabinet and Table Models.



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Display Stall at No.  
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**C. & A. ODLIN CO. Ltd.**

N.Z. Distributors:  
 WELLINGTON.

phone and radio receiver will prove interesting to intending purchasers of electric receivers.

#### Stand No. 4.

##### HARTLE AND GRAY.

IN accordance with their policy of catering for the home constructor, a large portion of this stand is devoted to components. Practically every British maker of radio goods is represented. In addition to the ordinary components, there will be a moving coil kit set of the Baker pattern. This will very much interest the amateur constructor, who considers that the construction of a moving coil loudspeaker is a task beyond his capabilities. The Battery of the London Battery Company provide a novelty in the unit construction of B batteries. Other novelty lines include loud-speaking telephones, a complete experimental radio vision equipment, power equipment for public address work, and microphones. The radio vision should evoke much interest, as this will be the first time that the public will be able to see this apparatus.

The sets include the All-Electric Five, a British product, which has one stage of screen grid radio frequency. This set operates without an aerial. A combination radio set and gramophone is also provided.

In the battery operated sets the All Purpose Four provides a very fine example of good work in small space. This set is designed to cover all frequencies, and being small, is readily transportable.

Other sets will include many popular smaller models, well known to the radio public, and of undoubted in-

terest to those who are contemplating taking their first plunge in radio.

#### Stand No. 5.

##### PHILIPS LAMPS (N.Z.), LTD.

A NOVEL title has been selected for this stand—the name will be built entirely of Philips valves, defective ones that we are assured that all New Zealand had to be raked to secure enough. One of the new Philips products for the season is the A.C. 333. This simple, but efficient, wireless receiver is the newest innovation of its kind. That it is already very well known and well patronised in Australia bespeaks its quality. This receiver using the new Philips A.C. valves gives wonderful reproduction from a strong station, and visitors should not leave the Exhibition without first seeing this compact little set, and making inquiries about it. There are other kit sets, including the latest four-valve version. This new model will be sure to win the approval of the home constructor who wants a good set for a small outlay. There will be also the QPAC receiver for local reception. This operates without aerial or earth. Philips valves, speakers, condensers, transformers, and gramophone pick-ups will also be on view. New models of these have been brought out recently and will no doubt appeal to all who are competent to judge radio components.

#### Stand No. 6.

##### HARRINGTONS, LIMITED.

RELIABLE power-packs can now be obtained for furnishing all current required in all-electric receivers, and those who wish to construct their

own will be interested in the demonstration of Pilot power-packs. The power-pack consists of three distinct units, the transformer, condenser block, and a double choke. All three units are very compact, each being approximately 5½ inches high, 5 inches long, and 3 inches wide. All three are mounted in substantial steel cases, and all connections brought out to moulded bakelite connections. The transformer block incorporates five secondary windings for both filament and power supply. The former are provided with centre taps, so that the necessary "C" bias voltages can be obtained by taking the voltage block across the fixed resistors connected between the centre taps and the grid returns of the amplifying transformers. The transformer has sufficient carrying capacity to supply the requirements for five or six UX222 valves, three 227's, and two 171's. The high voltage will supply 60 milliamperes at 20 volts.

The Pilot Super-Wasp kit, which may be assembled by any amateur, covers both short-wave and broadcast band. It is claimed that this receiver does not suffer from any of the usual defects of either home-made or second-grade kit sets. The circuit incorporates a stage of radio tuned frequency, an automatic aerial change-over, a 222 screen-grid valve, a 201A detector, and a 171A in the last stage. The stronger short-wave stations may be heard on the loudspeaker.

Both these exhibits will, no doubt, be of great interest to the amateur constructor.

#### Stand No. 7.

##### "RADIO RECORD."

AT the time of going to press we are unable to give full particulars of our activities in the exhibition. We are hoping to have on show several of the popular models that have appeared in our paper and which will appear in our handbook, "All About the All-Electric." There will be available supplies of this publication, the "Listeners' Guide," and the "Radio Record." The technical editor will be present, and will be pleased to discuss any problems the visitors might have encountered. He also wishes to make the acquaintance of his many pen-friends.

#### Stands Nos. 8 and 9.

##### SUPERADIO LIMITED.

SUPERADIO have for some considerable time been the agents for the Dayton Receivers, and they take the opportunity of the exhibition to introduce the new A.C. Dayton "Navigator A.C. Receiver." The complete assembled unit is of the conventional Console design. The circuit calls for a few comments. It utilises the new Technidyne system of free selection, wherein the energy from the station being received is completely filtered and selected before amplification of any kind takes place. By this method extraneous noises are reduced to a minimum, while selectivity is greatly enhanced. The new method of detection (called Power Detection) enables the circuit to obtain an output from the detector equal to an ordinary detector and one stage of audio in the ordinary circuit. The output from this is fed directly into a push-pull stage, utilising the new 245 type of valves, together with an espec-

ally designed 11-inch dynamic cone. All A.C. hum is eliminated.

The dial is calibrated in both numerals and kilocycles. Connections are provided on all models for gramophone pick-up. There are three main divisions in the circuit: the selector, the amplifier, and the power unit. Directly behind the tuner are the shields carrying the tuning coils, and behind these is the amplifier unit, containing the five radio frequency amplifying valves (all 227's), and the detector. There is only one connection between the amplifier and the selector, which can be very quickly removed, and which will thus facilitate service. Rectification is carried out by a single 280. The valve sockets are coloured, so that a mistake cannot be made when fitting new valves.

In addition, Superadio will be exhibiting other well-known products, including Magnetic and Dynamic Speakers, Batteries, Eliminators, Valves, etc.

#### Stand No. 10.

##### BOND AND BOND.

TWO distinct types of radio receiver are marketed by Bond and Bond, and these will be represented in the exhibition by the latest models. Great emphasis will be placed upon the new Silver Radio. This is the latest product of the Silver-Marshall firm. It comes to New Zealand in two distinct units; the chassis and the cabinet. By packing them separate by the manufacturers claim that damage to the receiver is impossible. The cabinet follows the usual lines of the modern receiver, and is distinct in two models, the Highboy and the Lowboy. Several unique features are claimed for the Silver Radio. It is sharply selective, and is yet very sensitive. Electrically the receiver consists of three stages of radio-frequency amplification, using A.C. screen-grid valves (Ceco). The detector embodies the very latest system of screen grid power detection. The following audio valve is resistance coupled to this detector. Following this is a pair of 245's in push-pull. The stages are connected by a 1-to-1 transformer. The power unit supplies A, B and C power is self-contained within the set, and consists of the usual transformers and filters. The first R.F. valve is coupled to the second through a tune stage consisting of two separately tuned circuits. This produces a "humped" resonance curve of extremely steep sides and broad tops. Four ganged condensers tune the secondaries of the radio-frequency transformers.

The sensitivity of this receiver is such that Australian stations can be tuned in by using a piece of perforated metal as an antennae.

Apex receivers and speakers will be exhibited, and will command the attention of those who are looking for a small, yet powerful, receiver.

#### Stand No. 11.

##### J. WISEMAN & SON.

J. WISEMAN AND SON have made their reputation in New Zealand radio world by designing and marketing the now famous Courier Radio Receivers. The first Courier was a small D.C. set, introduced over 18 months ago. This was remarkably successful, and Messrs. Wiseman followed up their success in this line by others which have in turn earned great fame. The set of last season was the QB3, a popular three-valve set, which was capable of bringing in all the usual sta-

# 12/6 Weekly

buys the New

## Screen-Grid

# RADIOLA 44

See and Hear it  
at the

## FARMERS' TRADING CO. LTD. Hobson Street, Auckland

tions. Its unique cabinet enabled the batteries to be placed inside, and thus unsightly leads were done away with. One of these models will be on view at the exhibition, and those who consider the all-electric as impracticable will be greatly interested in this receiver. With the advent of the A.C. receiver, it was necessary to provide such a set in the Courier series. In due course this receiver made its debut, and has met with the success of its predecessors.

At their stand in the exhibition, J. Wiseman and Son will display their factory receivers in various stages of their manufacture. Their technician, who is responsible for the designing and manufacture of the Couriers, will at different times be in attendance, so that visitors will be able to see personally the originator of this very fine receiver.

Other items of interest displayed will be various components which should draw the attention of every set-builder.

#### Stand No. 12.

##### FRANK WISEMAN AND SONS.

**A**TWATER Kent Receivers will be featured on this stand, and visitors will see the first A.C. screen grid type of receiver introduced into New Zealand. This is the Atwater Kent Model 55, embodying two 224's (A.C. screen grid), two 227's, and two 245's. The screen grid valve as radio frequency amplifier, has enormous amplification, and to introduce tone the first audio stage is resistance coupled to the detector, which is of the Anode-bend type. A moving coil loudspeaker

of a special design goes with the set. The best results cannot be obtained unless this combination is used. The valves are shielded by aluminium cans, the condensers are ganged, and the dial calibrated in both kilocycles and degrees. The set is put up in both a cabinet and Console models. This latter model is finished in grained imitation wood.

Each portion of the power pack is efficiently shielded from its neighbour, so that interaction and hum are almost imperceptible. In fact, the receiver is so silent that, when it is not on a station, it is difficult to know whether the set is turned on or not. For this reason pilot lights are provided.

Model 60 is very similar, but is slightly different in its lay-out. Selectivity in these receivers is such that the former model will cut out all but 2BL when operating on 1YA. With the Model 62, 1YA can be tuned out in favour of 2BL.

(Stands Nos. and 14.

##### ABEL, SMEETON, LIMITED.

**S**OME three months ago the American radio world had its interest aroused by a terse sentence from the Crossley Radio Corporation. It read: "Wait for the big news in radio—out July 21." And now the same pronouncement is being made by the New Zealand distributors, Abel, Smeeton, Ltd. This time the date is October 30. The big news will be awaited with interest by all who have had any connection with the Crossley receivers. This very popular line has had many supporters throughout New Zealand, and the introduction of new and up-to-

date types (for what else can this big news mean) will be awaited with keen expectation. Speculation is rife as to the technicalities of these new models, and it is more than likely that they will embody the A.C. screen grid, the 227 and the 245.

When finally the new receivers were announced in America, fast aeroplanes were employed to carry the samples to the waiting dealers throughout the country. Although these modern tactics cannot be employed in New Zealand, we are expecting a great throng round Abel, Smeeton's stand to see the outcome of this big news.

#### Stand No. 15.

##### STEINITE AND ULTIMATE.

**R**ADIO, LTD., have arranged for this stand demonstrations of both Steinite and Ultimate sets. The Ultimate is a small A.C. receiver designed by the engineers of this firm to cover both short-wave and broadcast band. There are four valves, including one stage of A.C. screen-grid. In spite of the fact that by altering the plug-in coils, both broadcast and short-wave bands may be covered, only one tuning control is employed. The cabinet finished in maroon is built up of heavy aluminium sheet, with three separately shielded compartments. The latest Ultimate product is a console model of the electric Ultimate housed in the most attractive low-boy cabinet, and incorporating a dynamic type of loudspeaker.

The Steinite is a console type of receiver in two distinct styles. The more expensive with two 250 valves in the last stage incorporates an elec-

tric gramophone. The smaller model with the new 245 type of valve in the last stage and 227's in the other stages. The cabinet complies with the latest ideals of design. In addition to the two receivers, Arcturus valves and Samson power amplifiers will be displayed. Both are new to New Zealand, although they have earned a great reputation for themselves in America.

The valves are characterised by blue glass. An outstanding feature about the new Arcturus 227 is the rapidity with which the cathode heats, resulting in highest efficiency, humless operation, and audible reception within 7 to 10 seconds. These valves are recommended for all A.C. sets. They are represented in all the main types of A.C. valves.

The Samson power amplifier is in two styles. They can be employed for use in either home, out-of-doors, or theatre. The smaller model employs the 210 valve, and the larger the 250.

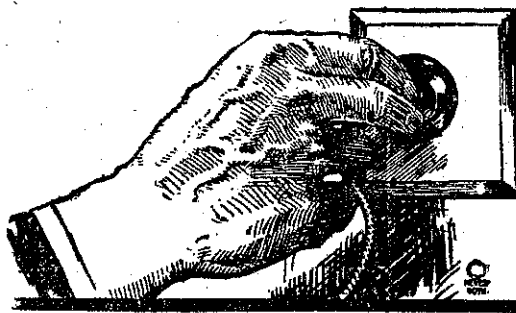
#### Stand No. 16.

##### SELECTRA RADIO.

**I**N some ways this stand is unique. Whereas other exhibitors have on show radio receivers constructed outside New Zealand, Selectra Radio are showing only New Zealand made products, and these compare very favourably with the imported article. The Selectra Junior A.C. Three, embodying two E415 valves and one B609, is a handy receiver for those who do not wish to make a very big capital outlay. This receiver, contained in a neat little cabinet, is built up of the very best components. It has two

# OUT NEXT WEEK!

## The ALL ABOUT THE ALL ELECTRIC Handbook



You just push in a plug, pull down the switch, turn a dial, and in comes the station. What happens when this plug is pushed in? Why does it go? or, more often, Why doesn't it go? How does the speaker work? Can I get longer reception? Is it possible to build an A.C. set? Could I change my present battery set to an A.C. receiver?—Cease this worrying—get expert advice and assistance. Buy a copy of "All About the All-Electric." You will save the cost of this book ten times over in service alone.

### ORDER YOUR COPY NOW

At all Booksellers and Radio Dealers, and avoid disappointment in not receiving a copy of our first edition. PRICE

1/6

IF UNOBTAINABLE MAIL THE COUPON

:: DIRECT TO THE PUBLISHERS. ::

Just another seven days and the "All About the All-Electric" will be obtainable from your bookseller or radio dealer. Purchase a copy and be fully informed upon these vital points:—Choosing the All-Electric Set; Power and A.C. Valves; A. B. C. Battery Eliminators; A.C. Crystal Set and Amplifier; How to Convert your Set; Pick-up Adjustment; How to build an A.C. Browning-Drake; A.C. Power Amplifier; and list of stations received in New Zealand is also given.

(Postal Coupon for Country Readers.)

"ALL ABOUT THE ALL-ELECTRIC."  
"RADIO RECORD."

P.O. Box 1032, WELLINGTON.

Please post me, upon publication.....copy(ies)  
of your 60-page illustrated reference work, "All About the All-Electric," at 1/9 per copy posted. I enclose herewith postal notes for.....(Add exchange to cheques.)

Signed.....

(Write address clearly).....

tuning dials, and does not employ reaction.

In the combination class, Selectra Radio can offer a most interesting model. This in appearance is quite equal to the American receivers, and for tonal qualities would be hard to excel. It contains six valves, 226's in radio and audio amplifiers, a 227 and a 245. An Epoch dynamic speaker ensures perfect reproduction over a very wide musical scale. Again two dials are employed. The electric motor is built in the top of the cabinet, as is done with American receivers. A Webster pick-up is used.

As well as complete receivers, a few components will be shown. A blue spot magnetic speaker, in a very handsome and unusual type of cabinet, will be displayed.

The A.C. Six comprises 226's, 227's and a 171 as power valve. This model employs single-dial control, and is contained in a Console. Small coils in the radio circuits bring the set into line with the latest conceptions of set design.

Stand No. 17.

#### COSSOR RADIO PRODUCTS.

THE name Cossor has become very well-known in New Zealand during the last season. As agents for the North Island, Radio, Ltd., have arranged to have a very complete display of these products during the exhibition. The well-known Cossor Melody Maker in both kit set and assembled form, will be on view. The Cossor in its short period in this country has created an excellent record, and many who have heard of it and have not yet seen it, will have an excellent opportunity in the exhibition.

Among the components will be the Cossor audio-transformer. This small piece of apparatus may be fitted into any radio receiver with excellent results. It is finished in handsome crystalline, with the designations of the terminals clearly marked.

Cossor valves of the new types will be on exhibit. Of these, there are three main divisions: 2, 4, and 6 volt, including high-frequency, detector, audio-frequency, and power valves. In addition, there are the screen-grid and the pentode. It is announced that 4-volt heater type A.C. valves will soon be making their appearance on our market. These will be readily looked forward to by all who have had experience in any of the Cossor products.

Stand No. 18.

#### AMALGAMATED WIRELESS (A'SIA), LTD.

A VERY comprehensive display of A.W.A. products will be on view at this stand. Outstanding among these will be the Marconi moving coil speakers and cones. The Marconi moving coil speaker has an entirely new system of double suspension. This assures perfectly parallel movement of the coil at all times, which gives exceptional freedom of motion and absolute freedom from side play. The edge of the cone is unrestricted but carries a light ring of felt which prevents circulation of air waves from one side of the diaphragm to the other. Another electro-dynamic speaker is the RCA 106. Its operation requires no more power from the receiving set than an ordinary loudspeaker of the magnetic type. It is extremely sensitive, and at the same time is capable

of handling a great volume without either distortion or rattle. The cabinet is highly original, yet rich in its simplicity. It is beautifully finished in walnut, and panels of embroidered toile enables it to harmonise with any home furnishing. The speaker operates directly from the alternating current.

For those who find it inconvenient to use a moving coil loudspeaker, the ROA 103 has been developed. The artistic appearance of this speaker is as completely satisfying to the eye as its performance is to the ear. Every semblance of a mechanical device has been eliminated from the attachment. A beautiful tapestry medallion conceals the mechanism of the speaker, and completes the decorative design of the instrument.

Other interesting exhibits will be AC amplifiers embodying the famous UX245 specially built for the amplification of gramophone music when a pick-up is employed. There will be also 2-valve AC amplifiers with rectifiers for adding to a crystal set.

Stand No. 19.

#### SPEEDING, LTD.

ON this stand will be seen four main groups of items of interest: Magnavox X-core dynamic speakers, Burgess radio batteries, Mullard valves, speakers, and transformers, Webster gramophone pick-ups and amplifiers.

The exhibit of Magnavox X-core dynamic speakers include all the latest models, together with several news and very tasteful cabinets. To all radio enthusiasts this exhibit will be of particular interest. The Burgess battery display will have several items of particular interest, including one in which the construction of the radio battery is clearly shown. In this connection it is of particular interest to note the massive construction of the individual cells which go to form the famous Burgess super-batteries. Mullard valves and speakers will be well portrayed, and a special feature of interest in this direction is an exhibit of the complete process of manufacture of a Mullard radio valve. This will be exceedingly attractive to all radio enthusiasts who will find the progressive construction of these all-British valves to be extremely interesting. A very interesting exhibit showing the extreme sensitivity of the Webster amplifiers and their enormous amplifying capacity will be shown, and will undoubtedly prove attractive and instructive to all who visit this stand.

Demonstrations of a practical nature, one, in particular being very fascinating, will be made on this stand, and altogether it is certain to be well supported by the visitors to the Radio Exhibition.

Stand No. 20.

#### FARMERS' TRADING CO.

THIS stand will be featured by a very complete exhibition of A.W.A. products. These will include the latest developments in complete all-electric sets. Radiola 33 employs a perfectly-balanced RCA, tuned radio frequency circuit consisting of three stages of radio frequency, detector and two stages of audio amplification. The design is somewhat different from the conventional. Model 44 Radiola represents the modern trend in radio receivers. It includes the new AC screen grid radio-tubes, and the new power valve UX

# RADIO DIRECTORY

## What to Buy and Where

### CITIES

- AERIAL MASTS** ..... Domestic Radio Co., Ltd.,  
300 Queen Street, Auckland.
- ALTONA & HAMMARLUND-ROBERTS SETS.** Johns, Ltd.  
Chancery Street, Auckland.
- AMPLION LOUDSPEAKERS** - All Radio Dealers.
- BURGESS RADIO BATTERIES,** All Radio Dealers.
- CROSLY RADIO** Abel, Smeeton, Ltd.,  
27-29 Customs St. E., Auckland.
- CROSLY RADIO RECEIVERS** G. G. Macquarrie, Ltd.,  
120 Willis Street, Wellington.
- CROSLY RADIO** ..... Abel, Smeeton, Ltd. Rep.: G. MOSES,  
James Street, Whangarei.
- DAYTON All-Electric Radio** Superadio, Ltd.,  
147 Queen Street, Auckland.
- EMMCO RADIO PRODUCTS** Johns, Ltd.,  
Chancery St., Auckland.
- EMMCO RADIO PRODUCTS** Thos. Ballinger & Co., Ltd.,  
Victoria St., Wellington.
- EMMCO RADIO PRODUCTS** L. B. Scott, Ltd.,  
Worcester St., Christchurch.
- KING RADIO RECEIVERS** F. J. W. Fear & Co.,  
68 Willis Street, Wellington.
- LISSEN RADIO PARTS AND KITS** ..... All Radio Dealers.
- LOUDSPEAKER AND TRANSFORMER REPAIRS** ..... A. E. Strange,  
404 Worcester Street, Christchurch.
- MAJESTIC RADIO RECEIVERS** Kirkcaldie & Stains,  
Chief Wellington Agents, Lambton Quay.
- MULLARD VALVES** ..... All Radio Dealers.
- PILOT 1930 PARTS AND KITS, ETC.** ..... Abel, Smeeton, Ltd.,  
27-29 Customs Street East, Auckland.
- PILOT 1930 PARTS—PILOT SUPER WASP KITS, GILFILLAN, KELLOGG and ATWATER KENT SETS** ..... Harrington's, N.Z., Ltd.,  
138-140 Queen St., Auckland.  
40-42 Willis St., Wellington.
- RADIOLA RECEIVERS and Expert Radiola Service.** Farmers' Trading Co., Ltd.,  
Hobson Street, Auckland.
- RADIO REPAIRS AND SERVICE** ..... E. G. Shipley,  
185 Manchester Street, Christchurch.
- WILCOX ELECTRIC RADIOS** Royds-Howard Co.,  
553 Colombo Street, Christchurch.

### COUNTRY TOWNS

- CROSLY RADIO** ..... J. C. Davidson,  
Main Street, Pahiatua.
- CROSLY SETS** ..... Abel, Smeeton, Ltd. Rep.: C. Ruscoe,  
403 Devon Street, New Plymouth.
- CROSLY RADIO** ..... D. A. Morrison & Co.,  
Victoria Avenue, Wanganui.
- MAJESTIC ELECTRIC RADIO** Berryman's, The Home of Music  
Palmerston North.
- MAJESTIC, ATWATER-KENT AND RADIOLA ELECTRIC SETS** Radio House, Hamilton.  
G. S. Anchor, Manager.
- PHILIPS VALVES AND APPARATUS** All Good Radio Dealers.



245. The novel stencil cut station selector dial and single tuning volume control are additional features which are both unusual and efficient. Model 46 is of the Highboy Console type, and unusually attractive. It has single dial control, and this operates the tuning, so that on the whole receiver there is one inconspicuous knob. UX 24's (screen grid) and 245 characterise the circuit. Added to its many features is a built-in electro dynamic speaker.

A line distinctive to these manufacturers is the RCA superheterodyne. Eight powerful AC radiotron valves are employed with a result that it is able to separate broadcasting stations with knife-edge selectivity without excluding any of the musical frequencies that are so necessary to faithful reproduction. The circuit consists of two stages of tuned radio frequency, detector, two stages of tuned intermediate frequency, a second power detector, and an audio amplifier.

The Farmers' Trading Co. will also be showing A.W.A. Duoforte, AWA Radiola Electric seven and other well-known AWA products. In addition there will be other AWA products, including loudspeakers and valves.

Stand No. 21.

#### JOHNS, LTD.

AT their stand, Johns, Ltd., are catering very extensively for the amateur constructor, especially the one who wishes to convert his set from DC to AC. Outstanding among the items will be the Westinghouse products, which include the very well-known metallic rectifiers, a series of which can be used for A, B and C eliminators. The A unit is one that should appeal to those who do not wish to go to the trouble of re-wiring their sets, but who would rather use an A eliminator. This rectifier is capable of supplying ample current for almost any set.

In addition to these rectifiers there will be complete chargers of both types, complete shielding devices and other well-known products.

Complete sets will include the Hammarlund-Roberts, a set which has justly earned a wide reputation throughout the country. This exhibit will be of particular interest to those who are unable to install an AC receiver, for nothing could be more efficient in the battery models than one of these regeneration-using sets. The AC user will be catered for by a small three-valve set designed and made by the exhibitors. This, like the Hammarlund-Roberts, is very efficient. From the cabinets to the coils everything is made and assembled in New Zealand, with the obvious exceptions of such components as condensers, valve sockets, valves, etc.

Stand No. 22.

#### "NEW ZEALAND RADIO."

PARTICULARS of the activity of this journal are not yet available. No doubt they will be exhibiting the prize-winners of the set-building competition. Details will appear when to hand.

#### Short-Wave Oscillation

A DIRECT-COUPLED aerial is often used in a short-wave set, and in such cases it may be difficult to obtain oscillation. It may be possible to insert a larger reaction coil, but even this sometimes will not suffice. Short-wave receivers are often made with fixed coils, and so it is desirable to find some cure, other than that mentioned. Disconnect the aerial from the set, which should then oscillate easily. If this happens, couple the aerial to the grid coil by means of a small coil of about four turns, varying the degree of coupling until the set oscillates without difficulty. If, however, the set does not oscillate at all without the aerial, the coils should be reconstructed on low-loss lines. At the same time, if it can be used satisfactorily, a direct-coupled aerial will often give stronger signals than those given by a loose-coupled one.

## Competition Results

### Children's Song Service

THE competition conducted by Uncle George for his young listeners has proved highly successful, not only in the interest displayed by the girls and boys, but also by adults who have generously supported the idea and encouraged the children to compete.

Two hundred and ten entries were received, the essays being of a very high standard, coming from all parts of the Dominion.

Uncle George wishes to thank through our columns several donors of prizes and gifts of money to the prize fund. In all, £5 was received in cash, and this will be spent in the purchase of suitable books for the winners in each grade. Another very generous donation came from Cadbury's and Fry's Ltd., who have given a large parcel of 1lb. blocks of chocolate. The interest displayed in these Sunday services is very wide-spread, and judging by the many letters received is eagerly looked forward to, week by week, by young and old.

#### Prize-Winners.

##### Grade 1.

First.—Roy Kennerley, Cambridge St., Levin; Murray Smith, 21 Resolution Street, Lyall Bay, Wellington; Isabel Hollis, 70 Pownall Street, Masterton; Vivian Platt, 297 Jackson Street, Petone.

Second.—Ailsa Ramsden, Hutt Road, Petone; Phyllis Blakemore, Springston, Canterbury; Mary Battson, Dolma Street, Methven; Marjorie Apel, 17 Aparima Avenue, Miramar, Wellington.

Third.—Kathleen Stevenson, 9 Awamutu Street, Lower Hutt; Betty Harper, Showgrounds, Tomoana, Hastings; Noeline McMillan, 9 Malcolm Avenue, Wellington; Joan Morgan, 30 Hautana Street, Lower Hutt; Keith Russell, 25 Hawker Street, Wellington.

##### Grade 2.

First.—Joyce Stanley, Tokanui, Southland; Grosvenor Morgan, 49 Moana Road, Kelburn, Wellington.

Second.—Jack Washer, Inaha, Taranaki; Charles Washer, Inaha, Taranaki.

Third.—John G. Irvine, 91 Constable Street, Wellington; Peggy Sim, Puke-maori, Tuatapere, Southland.

##### Grade 3.

First.—Arapata Piripi Te Maari; Jean Peacock, Box 52, Eltham.

Second.—Constance Fraser, 159 Victoria Avenue, Palmerston North; Stewart Frame, 22 Elizabeth Street, Petone.

Third.—John Noble, Gore.

##### Grade 4.

First.—Ina Sladen, Tasman, Nelson; Ron Bell, 5 Matai Road, Wellington.

Second.—Olga Meyer, Mount View, Calico Line, Marton; Marion Airlie West, Private Bag, Te Mata.

Third.—Frances Sharp, Gorge Road P.O., Southland.

#### Consolation Prizes.

Margaret Cowie, Atapiri, Winton, Southland; Muriel Stanley, Tokanui, Southland; Alice Derrick, Whakapara, North Auckland; Dorothy Eady, 61 Donald Street, Karori, Wellington; William Morris, Native School, Motatau, North Auckland; Howard Adams, 28 Campbell Street, Karori, Wellington; Myola Halliday, 58 Heretaunga Street, Petone; Douglas Fraser, 159 Victoria Avenue, Palmerston North; Alex. Fowler, —; Mervyn Kailer, 9 Preston Street, Eltham; Patricia Bredin, High Street, Carterton; John Graham, Glencoe, Invercargill; Joan Kay, 28 Ribble Street, Island Bay, Wellington; Hubert Girdleston, Nikau Street, Eastbourne; Rona Berry, Ashley Street, Palmerston North; Fred Edgecombe, Omata, R.D., Waverley; Jack Larcombe, Box 381, Palmerston North; Graham Avery, Private Bag, Blenheim; Ngaire Signal, Te Horo; Alistair McLennan, Carrington, Carterton; Jean Te Maari, —; Janet Palmer, Longbush, Masterton; Lindsay Budge, Denair, Fordell; Merle Ferguson, Blind River, Seddon; John Agnew, 174 Kelvin Road, Invercargill; Reginald Dearlove, 13 Summerhay Street, Palmerston North; Hazel Lock, Railway Cottage, Masterton; Doreen Totty, Karaka Street, Castlecliff, Wanganui; Dorothy De Cent, 85 Marjoribanks Street, Wellington; Sybil Cox, 93 Kainui Road, Hataitai, Wellington; Myrtle Wood, Roxburgh; Eunice Luty, Maxwell; Nancy Paine, Belmont, Lower Hutt.

## FOR SALE OR EXCHANGE

The rate for small advertisements under this heading is 2/- cash for 20 words, and twopence for every other word thereafter.

ROYDS-HOWARD CO., 553 Colombo Street, Christchurch. Newest Battery and Electric Radios, Speakers, Dry Batteries, Storage Batteries, Valves. Catalogue. Agents wanted.

TWO-VALVE AMPLIFIER, commercially made, perfect order, less valves, £3. Apply "Amplifier," Box 1032.

METRO 9-Valve Electric Radio, also Screen Grid Model. Chassis, Table Sets, Consoles. Catalogue. Importers, Royds-Howard Co., 553 Colombo Street, Christchurch.

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UNEQUALLED BY THE MOST EXPENSIVE PHONOGRAPH

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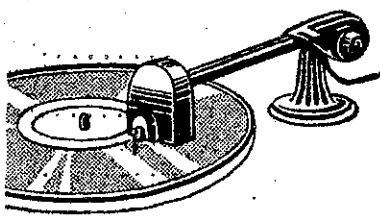
## PACENT Phonovox PICK-UP

Model 124A de Luxe, fitted with a counterbalanced tone-arm that ensures perfect reproduction. Special adaptor provided enables this model to be used for either A.C. or Battery Sets, with the utmost satisfaction, and on account of its special construction the Pacent Pick-up is the only attachment that will take fibre needles without loss of volume, and now just consider the extraordinary price of this Pick-up.

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**BOND & BOND LTD.**  
AUCKLAND.



The above illustration is of Model 124A de Luxe, showing the counterbalanced Tone-arm. Ask your nearest Agent for a demonstration.

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