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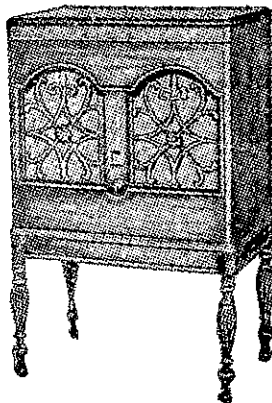
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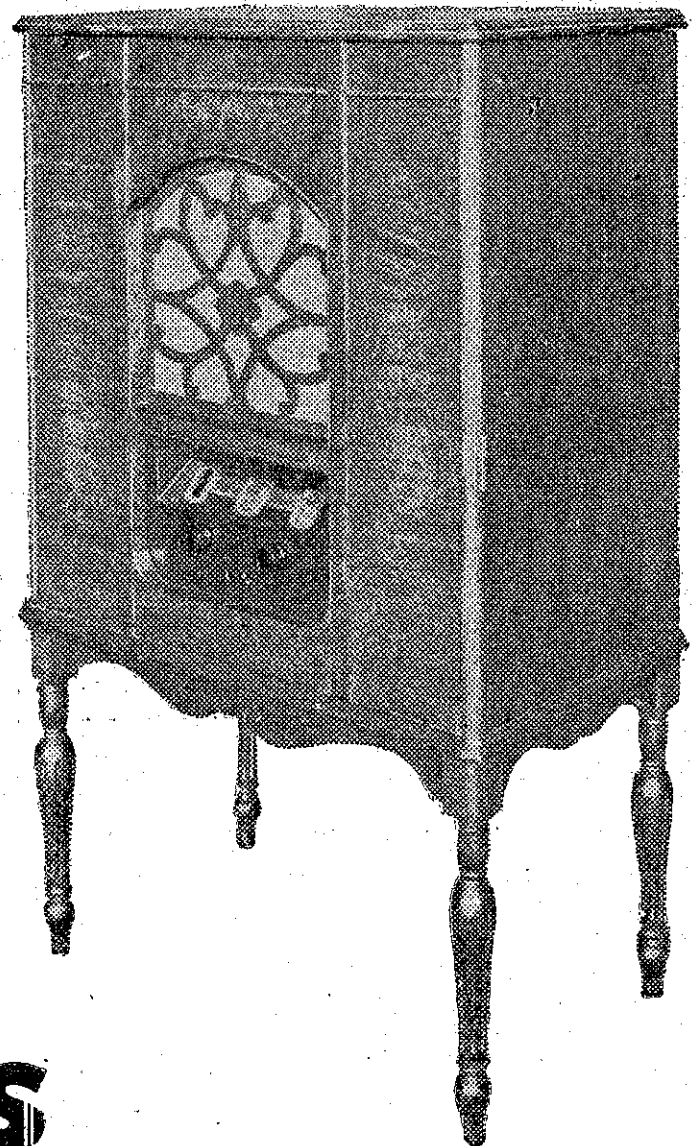
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Hawaiki Calling provides a Brilliant Evening

MAORI PAGEANT

Eclipses all

PREVIOUS PERFORMANCES

The pageant had been comprehensively prepared and thoroughly well rehearsed by the party before arrival in Wellington. According to the Wanganui "Chronicle" the final rehearsal was held at Kaiwhaike in the big meeting-house, and before

actual party!

On arrival in Wellington further rehearsals were indulged in by the party prior to Tuesday's presentation. The net result was that the final concerts went with a rhythm and swing highly creditable to all concerned. Owing to the success of previous broadcasts of this character, it is safe to say that the radio audience on the night in question was a mighty one. Few loudspeakers that evening would be without their attendant "cars." The general consensus of opinion is that the evening was of outstanding character. Already Press reports reflect public opinion in this regard.

THE Maori pageant presented from 2YA on the evening of Tuesday, the 15th inst., and again at 11 p.m. on the evening of the 16th, for the benefit of New Zealanders overseas and for Australian listeners, will go into broadcasting history as quite an outstanding event. The Wanganui Maori party had established its reputation in previous pageants, so that listeners were justified in expecting a performance of outstanding quality. Those expectations were not disappointed. The numerical strength of the party this year was slightly greater than in preceding efforts, and this gave a volume of sound and a rotundity of performance that was very effective;

a large gathering of Native people. This audience was of the most critical character, in that they were desirous of seeing that their representatives were of a calibre to bring credit to the Native race. Before this critical audience the full pageant was gone through, extending over three hours, and earned the hearty commendation of both old and young. An inspiring sight at the close was the general participation of the audience in one of the hakas. It can readily be imagined that such a sight would have proved an inspiration. As it is, the volume of sound produced by these hundreds of Maori voices in their haka must be left to the imagination of those capable of multiplying by 10 or more the sound conveyed through the microphone of the vigorous hakas given by the

"Well Done, Wanganui!"

UNDER the heading "Well Done, Wanganui!" the Christchurch "Star" said:

"Last night's presentation of 'Hawaiki Calling' was excellently done and both the party and the R.B.C. are to be complimented on the success of a unique entertainment, which many listeners will, doubtless, take the opportunity of hearing again at the second performance at 11 o'clock this evening.

"After the first five acts—an historical review—came the more entertaining portion of the programme, and here listeners were treated to a variety of songs, choruses, poi dances and hakas that cannot be paralleled in any other country of the world. (Concluded on page 2.)



The Maori party who successfully rendered "Hawaiki Calling" from 2YA last week. In the centre of the seated row is Mr. Mete Kingi, in charge of the party. On his right is Mr. J. F. Montague, who acted as announcer. Seated in front is Mr. Oswald Kitson, conductor.

Hawaiki Calling

(Continued from page 1.)

Outstanding in this section of the performance was the trio of women's voices in a lament in memory of the late Sir Maui Pomare; the solo, 'When the Great Red Dawn is Shining,' by Makuini Tamehana, and the duet, 'When You Played the Organ,' by Mere Whanānare and Makuini Tamehana. The soloist in the trio possesses a lovely contralto voice, nicely controlled and of rare quality. In the two solos, 'When the Great Red Dawn' and 'Danny Boy,' the singers, Makuini Tamehana and Raina Kahukura respectively, exhibited a quality that is all too rare among amateur vocalists—a clear and clean-cut enunciation. As a rule, only professional singers realise the value of 'putting over' the wireless or across the footlights the words of their songs sufficiently distinctly to enable their hearers to know what they are singing about. Raina was, perhaps, a trifle emphatic in this respect, but it was a fault easily forgiven.

"The hakas were great. The writer's loudspeaker was jarred to its innermost coils by the vigour of the warriors. The poi dances did not make any great calls on one's imagination, the rhythmic strokes of the double and single ratupo balls being heard quite distinctly.

"Altogether it was a concert as pleasing as it was out of the ordinary. Its result, so far as 'Aerial' is concerned, was to cause feelings of regret that Maori was not one of the languages school teachers considered necessary in his school days. Not that it is now more's the pity."

The Christchurch "Sun" said:

"The Wanganui Maori party is to be sincerely congratulated on its presentation of the Maori entertainment 'Hawaiki Calling' from station 2YA last evening. The musical voices of the Maori maidens, and the beautiful balance of the choruses came over the air through the microphone to the many

thousands of listeners scattered through the Dominion with perfect clearness, and must have given pleasure to a great many pakehas, especially the younger generation, who have not had the privilege of meeting the Maori in his primitive state in the early days of the colonisation of New Zealand. The New Zealand Broadcasting Company is also to be congratulated on the organisation of the party, and the technical excellence of the broadcast."

THE second evening's performance was again a brilliant success. On this occasion the select audience in the studio was swollen by a number of the radio-dealers and others interested in the Radio Exhibition in the Town Hall, where the Maori Party had appeared in the earlier part of the evening.

By arrangement, the Maori Party provided the major part of the programmes each evening at the Radio Exhibition in the Town Hall, and undoubtedly proved the star attraction for that event. Particularly bad weather on Wednesday evening affected the attendance, but on Thursday, Friday, and Saturday evenings the attendance was almost of capacity character.

Numerous letters and telegrams have been received by the Broadcasting Company. They came from all over New Zealand, and are far too numerous to publish. One of the letters is of more than passing interest, from St. Kilda, Dunedin: "As a young fellow over 50 years ago I was a cadet in the Native Survey Department, and was stationed in the Wanganui district and lived in Wanganui. Allow me, then, through you to congratulate the Wanganui Maori Party upon the excellent programme I heard this evening. Some of the names of the party are familiar to me, and may be descendants of some of my old Maori friends. Permit me also to thank the Broadcasting Company for organising this feat. Reception was all that could be desired, and once more I have to congratulate and thank all concerned."

The setting for the wonderfully successful Radio Exhibition at Wellington was designed by

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Limerick Competition

Weekly Prize of One Guinea

DURING the progress of "The 8 O'Clock Revues" conducted by Mr. Will Bishop and the Melody Four over a period of some six weeks, commencing on July 26, a Limerick Competition will be featured. This will be open to entry on the part of all listeners.

Different subjects will be set to which the limericks must be devoted each week. The subject for the first competition is "Rugby Football." The subjects for the following competitions will be set in the course of the revues.

Entries for the first competition will close by the first post delivered to 2YA on the morning of July 24. They must be addressed to Mr. Will Bishop, c/o 2YA, Wellington. There are two simple rules that must be observed: First, all limericks must be absolutely original; second, they must be plainly written in ink.

The six best limericks will be selected by the judge and read out over the air. The public will then have the honour of selecting the best of those six and conveying their decision by postcard to Mr. Will Bishop, c/o 2YA. A prize of One Guinea for the best in each of the six competitions will be presented by the "Radio Record," which paper reserves the right to publish all or any of the six best limericks chosen each week.

Stands at the Exhibition

Generally S.G., A.C.

A NEW departure in the Wellington Exhibition was the absence of separate stands. The exhibitors merged into one another, and made one great stand along the sides and back. They were numbered in sections, many of the exhibitors taking two. The exhibitors and their exhibits in order were:—

1 and 2—Amalgamated Wireless, Radiola models, including combinations and superheterodynes—all a.c. operated, R.C.A. dynamic speakers.

3 and 4—F. J. Pinny, showing Sonora, Sperton, and Majestic. The Sperton combination model was capable of playing 15 records without attention.

5—A. C. Cossor and L. M. Silver. Cossor showed the new Empire Cossor Melody Maker—a.c. three valves, including the screen grid. Also Cossor valves. L. M. Silver, the Farand inductor dynamic speaker, on a revolving electric gramophone turntable.

6 and 7—Atwater Kent. All models with chassis showing wiring. There was a battery model and several art shades.

8—Gulbransen, shown by Nimmo and Sons. Several models, including combinations and a small console, which, although using the same chassis as the others, were assembled in a smaller cabinet, and consequently sold for much less. A Gulbransen piano was also on view.

9—Kirkcaldie and Stains, showing the Majestic models—combinations and radio only.

10—Thos. Ballinger, components, Lottin White kit valves, a testing panel and Peerless Courier receivers. There were a few dry batteries and crystal sets (the only ones in the exhibition).

11—G. G. McQuarrie, showing Steinite combination and highboy radios, L.W. amplifiers, Q.P.'s, and a novel lampshade.

12—Harrington's, Ltd., Pilot radio products, Preselector sets. The latter are kit sets using screen grid. There were no battery models.

13 and 14—Hope Gibbons, showing Stewart-Warner radio—"the set with a punch." The several models had a

Radio Record Spelling Bee

to Include

AUCKLAND

See page 37 for full particulars

standard chassis, while there was a display showing the 109 stations received on one of the sets.

15 and 16—Philips radio. A display of "all Philips" apparatus. Battery all wave sets, a.c., Q.P., radio players, speakers, and complete sets and combinations. There was even a microphone made in the Philips factory.

17—P. and T., carrier current apparatus.

18—"Radio Record," literature.

19—Amateur radio transmitters. Transmitters of ZL 2 BP, 2 AJ, 2 GK, 2 GX, and a receiver of 2 AJ.

Radio Listeners' Guide, 1930 Edition.

Dealers and Booksellers 2/6, posted 2/9. P.O. Box 1032, Wellington.

Available Everywhere

Wellington 1930 Radio Exhibition

Attractive Display Inspected by Thousands



THE 1930 Radio Exhibition held last week was of an outstandingly successful character. The preceding year's function instituted by the "Radio Record," and carried to a successful conclusion with the co-operation of the radio trade, showed that the public was interested in a combined display of radio apparatus and radio performances. With the proof of that fact the radio trade this year undertook full responsibility themselves for organisation of the 1930 Exhibition, and congratulations may be extended to them upon the success attained.

The closed type of stall which characterised the first exhibition was abandoned in favour of a uniform open type.

This certainly had the advantage of enabling the public to more effectively inspect the goods on display and ascertain the various points of difference. The background and general decoration of the stalls (by Hanna and King) highly artistic and most effective.

Unfortunately the weather conditions for the opening night were atrocious, and this naturally reduced the attendance of the general public to those of the most enthusiastic character. These, however, enjoyed to the full the splendid opening concert given by the Maori performers, and were able to inspect at leisure the fine collection of radio apparatus.

Opened by Hon. A. J. Stallworthy.

THE exhibition was finally declared open by the Hon. A. J. Stallworthy,

in lieu of the Postmaster-General, the Hon. J. B. Donald, who was unavoidably prevented from attending. In his remarks Mr. Stallworthy paid tribute to the service rendered by radio, making altogether a very fine speech. Mr. Stallworthy said:—

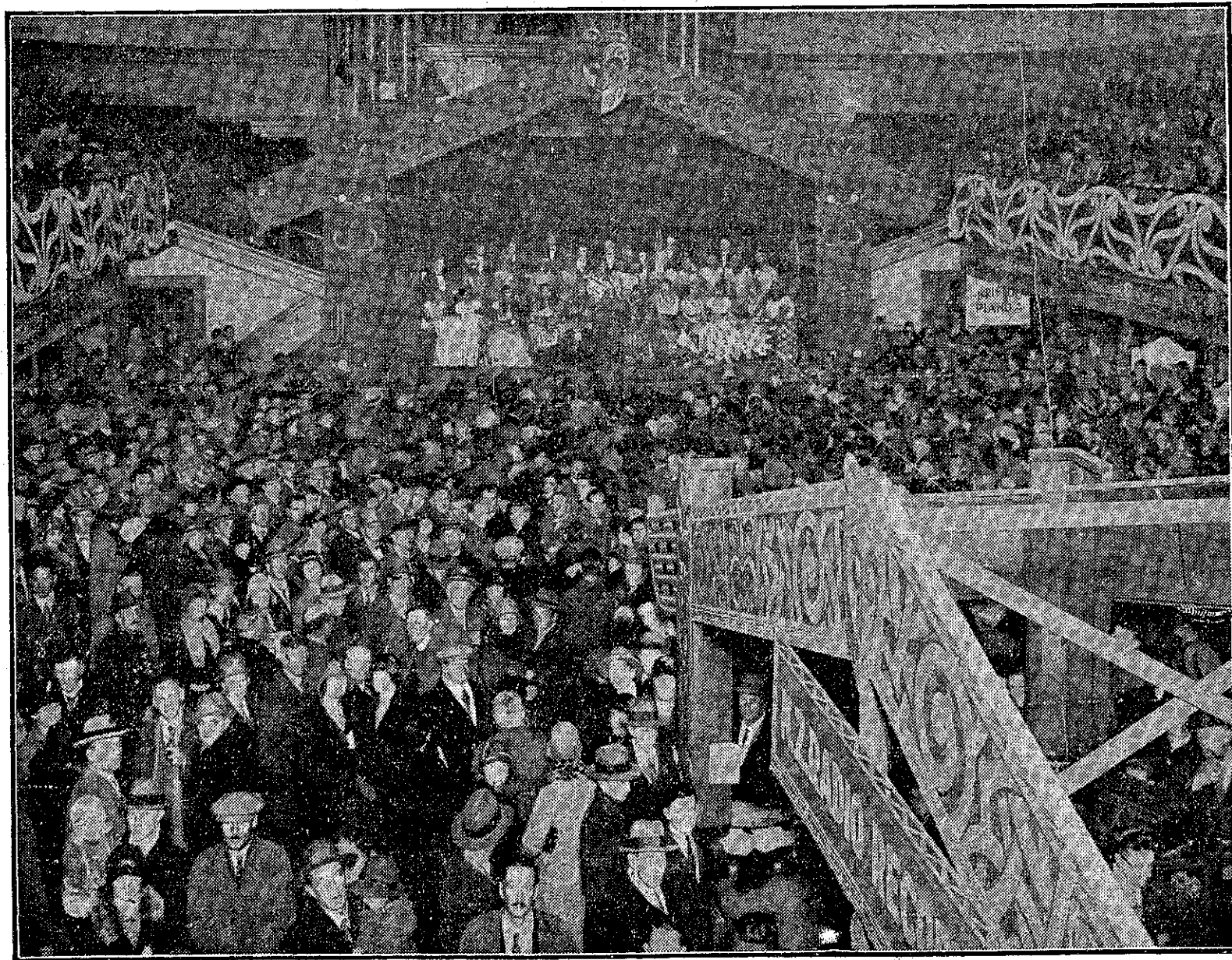
"An increase of 8500 listeners in the past year, and the evidence of the present year showing a further increase, is eloquent proof not only of a satisfactory broadcasting service but also of the fact that excellent sets and material are obtainable in the Dominion. The promoters of the exhibition are to be congratulated on the excellence of the exhibits, and the evident high standard of New Zealand craftsmanship is a matter for general satisfaction.

"We have in this exhibition some in-

dication of the terrific strides broadcasting has made in the course of a few years, not only bringing to the major activities of men and women new impulses, but to the boys and girls of the world all the exquisite sensations of Alice in Wonderland.

The primary appeal of broadcasting, and that to which it owes its popularity, is the fact that it makes available to both city and country homes, to castle and cottage, to rich and poor, the best music, oratory, literature, and current news and gossip of the world."

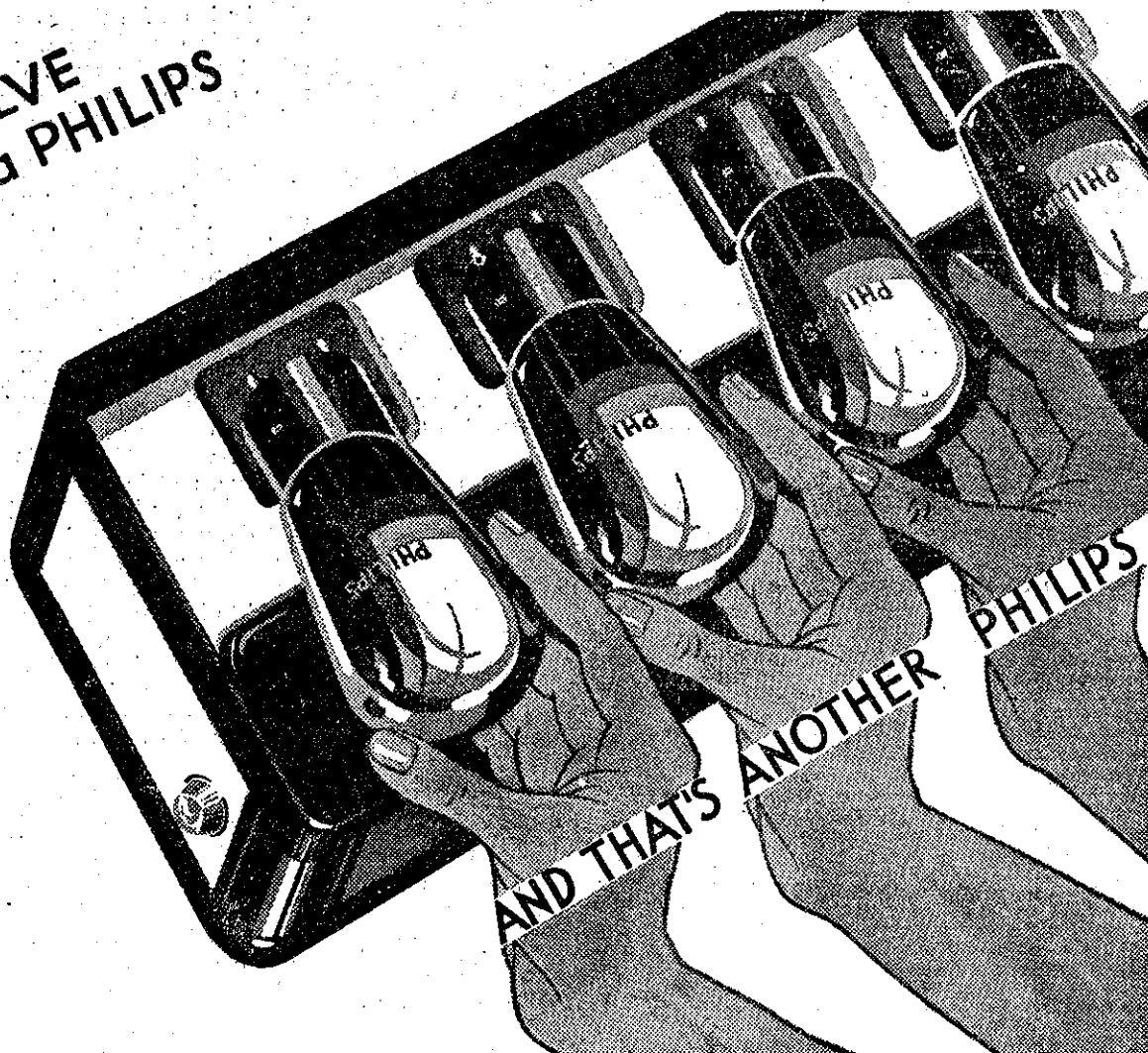
It annihilates distance and breaks down the isolation of the back-block settler.



A crowd of three and a half thousand assembled on the final night of the Wellington Radio Exhibition. The photograph gives some idea of the magnitude of the show and the general decoration of the hall.

L. Wallace, photo.

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B205	Power	13/6
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B605	Power	13/6
B203	Super Power	15/-
B403	Super Power	15/-
B603	Super Power	15/-
B406	High Gain Power	13/6
B409	High Gain Power	15/-
F203	Special Power	28/6
E408	Special Power	30/-
D404	Special Power	28/6
F704	Special Power	50/-

PHILIPS

The New Zealand Radio Record

—AND—

Electric Home Journal

(Incorporating the "Canterbury Radio Journal.")

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

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

WELLINGTON, FRIDAY, JULY 25, 1930.

RADIO EXHIBITION.

HEARTY congratulations may be extended to the Wellington traders upon the successful outcome of the 1930 Wellington Radio Exhibition. The lay-out and appointments of the stalls were in excellent taste. The closed-in type of stall of the preceding year was abandoned in favour of a more open type, without partitions separating one from another. While this sacrificed a little in individuality, it saved space and permitted of the freer movement of the public to the actual stalls and their models, with a closer association with the sets themselves and their performances. This after all was the main purpose of the exhibition, so that the change was all to the good. The background comprised a series of very excellent views of New Zealand scenery. The lightness of their colour scheme added to the sense of spaciousness to the hall. This was decidedly a gain. From the trading point of view the results were not only excellent in themselves, but in their prospect. Actual sales, while being good, will naturally be added to as salesmanship imparts the finishing details to the contacts made with interested clients.

THE attendance of the public demonstrates the keen interest now taken in radio. Some part of the credit for this attendance must, of course, be given to the attractiveness of the Maori programme. Members of the Wanganui Maori Party, who gave the very excellent pageant, "Hawaiki Calling," from 2YA studio on Tuesday night, attended at the exhibition each of the four evenings on which it was open, to give concert items. The merit of their performance and the vitality and vigour imparted to their numbers succeeded in establishing them in popular favour, with the result that crowded houses attended each evening. Thanks may be accorded to the Radio Broadcasting Company for their part in making this co-operation on the part of the Maoris possible.

A SPECIAL feature in connection with the show was the children's session on Friday afternoon. This was attended by some 1500 youthful enthusiasts and about half that number of parents, with the

YOU CAN'T BUY A BETTER VALVE THAN

Mullard
THE MASTER VALVE

result that the scene was one of great animation. The Exhibition Committee established themselves in youthful favour by a judicious distribution of balloons and biscuits. One lesson, however, arising from this experience was that individual items can hardly be transmitted from the stage during such a session against the inevitable noise of the crowd. In any future effort concentration should be effected on concerted or choral numbers.

IF any keynote emerges from the exhibition, it is the fact that radio is no longer a luxury, but that it has become a universal necessity. Mr. C. W. Rickard, in speaking on the opening evening on behalf of Wellington traders, struck this note, and it was surprising how it was endorsed by the popular experience of visitors. He is a rare man nowadays who, being of any standing, has not a radio set. Particularly does this apply in the country. There is a definite movement throughout rural centres toward the universal equipment of farm homes with radio. It is at last coming into its own in the field. Farmers are realising that, with the reliability of reception and the quality of programmes, they are not being fair to their home folk in withholding radio equipment. This impulse will certainly continue, and in all probability a larger percentage of country homes will ultimately be equipped with radio than city homes. In stimulating that development, exhibitions of the nature of the one just concluded are doing a fine work. This development would be accentuated by the provision of relay stations at strategic provincial points. We had hoped to have heard some statement on this point from the Postmaster-General, the Hon. J. B. Donald, who was unfortunately unable to attend the opening of the exhibition owing to illness in his family. His place was taken by the Hon. A. J. Stallworthy, who naturally made no policy pronouncement. We sincerely trust that the time will not be far distant when a progressive move can be made in this direction.

Wanganui Band

THE Wanganui Garrison Band was formed in 1882, and is therefore one of the oldest contesting bands in the Dominion, with a record that few bands, if any, in the world can boast of.

A glance at the band's contesting record shows the reason why the citizens of Wanganui are so proud of their famous Garrison Band. The band has to its credit 26 firsts, 9 seconds, and 5 third prizes. Its prizes include: First prize selection at Christchurch International Exhibition, 1907, and gaining the honour of the International Prize Band, first prize selection at Dunedin Exhibition, 1926, and winners of the Australasian championship at Ballarat in 1910. They have the distinction of being the only band that has gone over to Australia from New Zealand and won the Australasian championship.

The band has still some of the old stalwarts in its ranks, who, by yeoman service, have helped to build up the Garrison Band's wonderful record, namely, J. Trussell, A. A. Guthrie, S. Signal, James McGrath, D. Williams, R. Boyd, Alex. Guthrie, W. Francis, and H. Hall (their present secretary). Mr. Tom Gray, the conductor, who is on the best-known bandsman and soloist in New Zealand, migrated from the ranks. He was the solo euphonium and solo trombonist of the band for 27 years, and is the possessor of 27 medals.

School Radio

MOST of the secondary schools throughout New Zealand possess a Wireless Club, and their members are keen experimenters, both in transmission and reception. The following notes sent by a correspondent attending Wanganui Collegiate School will be of interest to readers, especially short-wave "fans":—

"At the present time there is no school club or school receiver, but there are three private sets. Two of these are used exclusively for broadcast reception, while the third is an all-wave four, containing a tuned screened-grid stage of radio frequency. This set is used mainly in conjunction with a transmitter, operating under the call ZL2DS. The latter was licensed shortly before Easter, 1930, and has been on the air fairly regularly since.

ZL2DS, to date, has worked 60 stations, including three in Australia. The total number of QSO's is just over 100. A Hartley circuit was used in the transmitter until recently, but now it has been converted into a Vallauri, using two 201's, with about 330 volts on the plate. Communication has all been on the 3500 k.c. band, and no power over 20 watts has been used.

This is the second "ham" which the school has had, the other being ZL2GJ, which was licensed in the latter part of 1928.

Metrodyne

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Stock Sale Broadcast Musical and Dramatic Committee

1YA Attraction for Friday,
July 31.

1YA is to carry out the broadcast of an important sale of Jersey cattle, to be held at Takanini, near Auckland, on Friday, July 31. A similar broadcast was made last year and proved of very great interest to city as well as country listeners. The broadcast is to commence at 1 p.m.

Sydney Conservatorium

Benefit to New Zealand Radio

THAT New Zealand has benefited greatly from the Sydney Conservatorium of Music cannot be disputed, and in no more effective way than by the broadcasting service is that influence being disseminated. Musicians who have received training at the Conservatorium frequently broadcast from the YA stations. In Christchurch, three of the leading artists at 3YA are ex-students. They are: Miss Merle Miller (studio pianiste and mezzo-soprano singer), Miss Dorothy Davies (pianiste of the Christchurch Broadcasting Trio), and Mr. Harold Beck ('cellist of the trio and orchestral conductor). All three are in the first flight of radio artists and very popular performers.

It is interesting to note that Miss Davies is a pupil of Mr. Frank Hutchens, Professor of the Piano at the Conservatorium, one of whose compositions, "Trio in F Sharp Minor," is to be played by the Christchurch Broadcasting Trio on Sunday, August 3.

This trio by Hutchens is a charming piece of work. It is written in the modern style in one movement. There is a blending of romance, vigour and restlessness (conveyed by quick and unusual changes of key). The opening bars are of a foreboding character. The energetic first theme soon finds place, however, banishing melancholy, which in turn gives place to the second theme in the extraneous key of E, giving a feeling of sadness and seeking.

The usual development section is a new idea groping back first by the 'cello and then by the violin, with a faint allusion to the first theme, without its early energy, rising always, eventually to flutter down in a cadenza-like passage for both stringed instruments, to a sudden declaration of Theme I in all its first vigour. The coda bears out the hopefulness of Theme I, rising gradually in synopated rhythm, giving greater strength, to end in triumph in the major key.

Radio Listeners' Guide, 1930 Edition.

Dealers and Booksellers 2/6, posted 2/9
P.O. Box 1032, Wellington.

Available Everywhere.

Meeting at 1YA

THE 1YA Musical and Dramatic Advisory Committee met at the studio on Friday, July 11. Mr. F. McCallum (Little Theatre Society) presided. The question of the subsidy offered by the company to local musical societies was fully discussed and a sub-committee was set up. The personnel were Mr. C. B. Plummer, representing the Auckland Choral Society; Mr. L. E. Lambert, representing the Bohemian Orchestra; and Mr. F. M. Price, Aeo-

In Favour of Broadcasting

Christchurch Liedertafel

THAT the Christchurch Liedertafel Society raises no objection to its portion of the musical programme arranged for Music Week being broadcast by 3YA was a resolution passed at the forty-fifth annual meeting of the society on Tuesday, July 15.

A letter was received from the secretary to the New Zealand Musical Festival, Christchurch branch (Mr. G. L. Donaldson), stating that the committee had arranged to have a



**THE ORPHEUS
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At the
**WELLINGTON TOWN HALL
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On Tuesday, July 29.

BROADCAST BY 2YA

lian Orchestra, were instructed to bring down a report before the next meeting of the committee. General satisfaction of the company's attitude was expressed, and it was decided that the question be taken up as early as possible.

Special consideration was given to the music week programmes, to be given at the station in conjunction with the special music week to be held in Auckland, and it was reported that various prominent musicians in the city would be speaking from the station during that week, and that performances would be given by the Municipal Choir, Municipal Band, Orphans' Club Orchestra, and the 1YA Broadcasting Choir.

It was also pointed out that at 1YA Station the classification of nights is as under:—

Tuesday, operatic; Wednesday, band. Thursday, popular; Friday, classical; Saturday, vaudeville.

When the Municipal Band performs on the Saturday night, the previous Wednesday is given over to a miscellaneous concert.

Many valuable suggestions were brought forward in connection with lectures from the station and with reference to the general programmes.

The report from the sub-committee set up in regard to the "song-writing" competition will be brought down at the next committee meeting to be held on August 8.

week's programme broadcast by 3YA in connection with Music Week. As the society was assisting, he asked whether it would raise any objection to its portion of the programme being broadcast.

Mr. W. G. Cookson, honorary secretary, said that several of the society's subscribers were keen on a concert being given over the air. Subscribers were dropping out, and he considered that the broadcasting of a concert by the society might prove a good thing, giving a fillip to the membership.

Mr. A. L. Cropp asked whether the musical festival committee was receiving any remuneration from the Broadcasting Company. He considered that the society should oppose the broadcasting unless the company was paying for it.

Mr. G. Fleming was in favour of the society broadcasting a concert. The object of a Music Week, he said, was to broaden the desire for "good" music.

It was agreed that the society take no exception to the broadcasting of its portion of the programme during Music Week.

Thames Radio Society

Report of Inaugural Meeting

AT a well-attended meeting of listeners-in held in Thames on the evening of July 9, it was decided to form a Thames Radio Society. The secretary, Mr. F. L. Gibson, has forwarded us the following account of the meeting.

Office-bearers elected:—President, Dr. J. B. Liggins; vice-presidents, Messrs. Dr. W. Sowerby and E. Watson; secretary and treasurer, Mr. F. L. Gibson; executive committee, the president; secretary and Messrs. J. H. Battison, R. R. McMillan and G. W. F. Price.

Numerous matters came up for discussion, the main topic being the serious interference by motors, which, for some time, has made listening-in practically impossible at any time of the day or night. Radio dealers who were present stated that it was impossible to sell sets at the present time as they were unable to give a satisfactory demonstration.

Several listeners have given up using their sets and are awaiting the result of a petition to the radio inspector, Auckland. If no improvement is made they intend to allow their licenses to lapse. A well-signed petition from listeners-in and another from the radio dealers were produced, and it was decided to forward these to the radio inspector, Auckland, and also to write to the Broadcasting Co., Christchurch, seeking its co-operation.

It was decided to hold regular meetings and to keep the members enthusiastic by means of lectures, demonstrations and other matters of interest. The annual subscription was fixed at 2/6.

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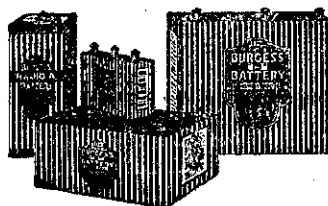
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Auckland Notes

(By "Call Up.")

A NUMBER of Aucklanders are deeply interested in the "Record's" Spelling Bee competition and are eager to take part if possible. It seems a pity that an Auckland branch of this competition could not be arranged as there would evidently be plenty of support for it.

MISS MOIRA CLOUSTON, who is among the most popular elocutionists who have been heard from 1YA, is leaving Auckland to reside in Wellington, where, no doubt, she will soon become well-known to listeners to 2YA.

THE programme from 1YA on the night of Saturday, July 26, has been considerably altered from that announced in the official programmes. Instead of the relay of the Municipal Band from the Town Hall from 8.10 p.m., there will be a studio concert from 8-9 p.m., and a relay of the wrestling from the Town Hall from 9 p.m. The studio concert will consist of solos and duets by Madame Cora Melven and Mr. Norman Day, and instrumental and vocal numbers by the Matai Trio.

THE programme from 1YA on Wednesday, July 16, was specially good. The half-dozen items by the Monte Carlo Concert and Dance Band, which provided the bulk of the evening's entertainment, were particularly enjoyable, and well above the average. Their playing of "Il Trovatore" was particularly good. This band, consisting of eight professional players under the conductorship of Mr. F. K. Cunningham, plays both light and classical music with equal ability, and is a decided acquisition for Auckland listeners. At 11 p.m., on the same night, 1YA commenced a relay of the special broadcast of "Hawaiiki Calling" from 2YA. This was most successful, and kept the local station going till nearly 2 a.m.

STATION 1YA's new slogan is "Every Week a Music Week at 1YA." However, for the week August 17-23 inclusive an extra special Music Week has been arranged. Full details are not yet finalised, but briefly the schedule is as follows:—Sunday, August 17, a special musical service conducted by the Rev. Leslie Olds, who will speak on "Music and Religion"; Tuesday, programme by the Orphans' Club Orchestra and a talk by Mr. A. B. Ohappell; Wednesday, a full operatic night, with a talk by Mr. G. de Olive Lowe; Thursday, programme by the 1YA Choir with a number of special soloists, and a talk by Mr. Holingrake; Friday, a classical night with a talk by Mr. Karl Atkinson; and Saturday, a concert relayed from the Town Hall, where the Municipal Band will be playing. All the music on the choir's night will be by British composers, one of the items being an old English rhyme entitled "John Ball Shot Them All." No topical or personal reference is intended! The special soloists during the week will be Madame Towsey, Miss Mira Monk, Mrs. Keven, Mrs. L. Parry, Messrs. Gibbons, Taylor, Arthur Ripley, Frank Sutherland, and John Bree.

Singer's Struggle for Success

1YA Soprano's Ambition



N ambition born in one, and really deeply rooted, can withstand many set-backs and disappointments, but it is usually realised in the end. It may, however, lead one into some awkward predicaments and deep holes first. Joan Laird, soprano, who has been heard from 1YA several times in the last few months, and who is to sing some extracts from Sir Landon Ronald's "Cycle of Life" from that station on August 8, has a very interesting story to tell of herself.

Left an orphan at a very early age and educated in a small convent school she came to Auckland as a girl of fourteen and took a position in an office. Her great ambition was to sing, and even as a child in the convent she had tinkled the keys of a piano and, as many another girl, she dreamt of the day when she would be singing in grand opera. New Zealand offered her few opportunities for realising her ambition so she worked her passage to England. To arrive in a strange country in mid-winter, with no friends, hardly any money, and no waiting position is an unenviable experience for anyone, especially for a girl of twenty, but "pluck, inspired by ambition, can do much," says Joan Laird.

For months she tramped the streets of London looking for a position. Those advertised in the papers were useless, for there was always a queue waiting. Her memory of this time seems to be one long vision of climbing office stairs to ask for positions which were not to be had. Finally she secured one to which she had to cycle eight miles along the flooded Thames Valley roads every day.

All the time she had been practising her music, dragging her little piano from one boarding house to another, but she could not afford lessons and was almost in despair as to how she could obtain a hearing anywhere. But that ambition kept her going.

Finally it was rewarded and she secured an introduction to Mr. Basil Marlo, a well-known teacher at the Aeolian Hall. Mr. Marlo heard her sing and was so impressed by her voice that he offered to take her up and train it without fee. A first-class teacher, a term saved! As she then received a position in the office of the Ontario Government she had a better chance to feel that her troubles were coming to an end. Paying for a piano and music makes a big hole in a small wage and by the time one's room has been paid for also there is apt to be a necessary saving in food. Influenza overcame her, continued relapses kept her from her work and from her study.

When the British Broadcasting Company decided to form a "National" chorus and advertised for singers, 6000 vocal aspirants, including the little New Zealand girl, applied. A thousand of the applicants were invited to a solo test at Savoy Hill. Joan Laird was one of those invited but became so nervous at the sight of the microphone and the stern and critical audience that she collapsed, her poor physical condition, doubtless, having something to do with it.

She went away broken-hearted, believing that she had lost the chance of a life time. However, a few days later she received a letter from the B.B.C. saying that they realised the ordeal of



"Arguing the Toss"

Varsity Students on the Air

AN unusual relay will take place on Monday, July 28, when 3YA and 4YA will broadcast a debate between the Canterbury and Otago Universities. The respective teams will be in the respective studios and the speeches of each will be broadcast from both stations. Listeners-in to 3YA, for instance, will hear the Christchurch speakers and also the Dunedin speakers, whose remarks will be relayed to and broadcast from 3YA. Similarly with 4YA.

It had been intended that a similar debate should take place on relay between the Auckland and Wellington Universities, but owing to no line being available this debate has had to be cancelled.

The subject for the Otago-Canterbury debate is: "That Industrialism is Detrimental to Culture." The respective teams will be:—

Otago University: Mr. P. H. W. Neville, Mr. J. G. Warrington, Miss M. K. Steven.

Canterbury University: Mr. C. S. Perry, Mr. C. E. Purchase, Miss C. West-Watson.

the test had upset her and asking her to try again. This she did and was this time successful, for she was among the chosen 250 who were finally selected. She was impressed by the fairness of the whole selection, merit being the sole condition that counted. Even the wives of some of the B.B.C. officials had to undergo the same rigorous tests as all other applicants.

The "National" Chorus turned out to be a great success, and was acclaimed to be the best choir in England. It worked under such famous conductors as Sir Henry Wood, Sir Thomas Beecham, Sir Hamilton Harty, and Sir Granville Bantock, and, of course, was always broadcast.

Miss Laird made her platform debut at a recital of Mr. Marlo's pupils given at Tunbridge Wells and received a very good reception. She seemed to be well on the road to success when her old enemy 'flu again got her in his grips. It became evident that she could not survive another English winter, but as she had no money there seemed no prospect of getting away.

Then Sir James Parr took an interest in her, and, as he was about to return to New Zealand, offered to take her as his private secretary. As everyone knows he changed his mind about coming back to the Dominion, and remained in England. However he generously helped Joan Laird to return and now she is here again. Grand opera is still her undaunted ambition, and she hopes to return to England for further study before going to Italy.

And that is the story of the plucky little girl whose sweet soprano voice has already charmed many an Auckland listener.

Radio Listeners' Guide, 1930 Edition,

Dealers and Booksellers 2/6, posted 2/9.

P.O. Box 1032, Wellington.

Available Everywhere

Pleasures of the Dictionary

Much Fun from Spelling and a Good Home Game

By A. B. Chappell, M.A.



SOUNDS a little comic, doesn't it?—"Pleasures of the Dictionary." Like "Delights of Dentistry" or "Raptures of Rheumatism" of "Frolies of Famine," eh? But the sober fact is that there are great possibilities of pleasure in the dictionary. Indeed, it is the very book for jaded nerves. Its stories are so short, its subjects so constantly change, its information is so cut into snippets, that it beats "The Review of Reviews" and "Titbits" all to rags. And that is true even if some people haven't found it out yet. They should have found it out, for the dictionary, by reason of these qualities, seems just the book for this age.

Come to think of it, there is a great deal of real fun in words. Some of it is none the less welcome because it is quite unintended. Certain makers of words, like Lewis Carroll, can put quaintness deliberately into their creations, and even when they have little humour in themselves they can be put together in a way bound to evoke a laugh. But by themselves, just as they can be run to earth in a dictionary many of them are inherently funny.

Some are amusing because of a very simple quality—their length. A riot of unconscious humour runs through them. A wish to hear short words, in court if not out of it, was once voiced by Mr. Justice Sim. With fine scorn of the long word, he put deadly fear into a witness with: "Please don't say 'indicated,' say 'said.' There is no need for these long words. 'Said' is such a short word and 'indicated' such a long one. Say 'he said,' and tell us as briefly as possible what he said, but do not, please, for goodness sake, keep on giving us all those useless words." Bearing such a name, Mr. Justice Sim knew the worth of the short word. What a saving it must have meant for him—and others! Easy to say and taking almost no time at all to write, it gave lips much ease and must have saved many pints of good black and red ink. Alas for the Featherstonehaughs and the rest of their kind! But "for goodness sake" was going a long way round, wasn't it? Whoever coined that phrase must have had a sense of humour.

What joy is theirs—a joy never known by the profane who let slip a foul and stupid adjective at every breath, to fill up the gaps in their thought—who have, say, a good command of German verbs! They have at will a way of oral relief of much good service on occasion. The dalliers with points and lines and angles have a like refuge. Who has not heard of Daniel O'Connell and the fishwife whose tongue he silenced? She heaped oath on oath upon him in her efforts to overcome his teasing railery; but she was quelled at last. "Hypotenuse" and "parallelipipedon" dragged her out of her depth and drowned her Billingsgate. The modern chemist, too, has similar resources, and many other of the scientific fry.

A Great Example.

BUT the palm can be borne, if they desire it, by the fond dabbles in

classic lore. As to that, take this from the journal of Dr. Adam Clarke, under the date June 27, 1811:

We proceeded to Portadown. On the way I was told the following anecdote of the late Dr. Wilson, senior Fellow of Trinity College, Dublin, who, though a very grave man himself, was very fond of quizzing and puzzling the country people who came to inquire after their friends or relations at the college. One day, seeing a man standing in the court with a letter in his hand, gaping and staring about, and not knowing where to

are likely to be put to the candidates in the spelling bee; longer than that solemn example, so eloquent of the slippered, lolling, yawning creed it describes, "latitudinarianism." Its nine-syllabled enormity is beaten easily by a word of twenty-four letters in Eupolis and by one of twenty-nine letters in Aristophanes. Turning from Greek, you will find some intentionally laughter-provoking words in Latin, as in Seneca's superlative piled on super-

them. There is Chaucer's "octogamy" for eighth marriage, a feat surely demanding some distinction for its daring. Butler invented a word for a battle between a dog and a bear, "cynaretomachy," which seems a little superfluous. Fuller, using "avuncullize" for "to follow in the footsteps of an uncle," was having a poke, but the word is still remembered.

Cowper made "extraforaneous" and Carlyle "gigmanity." The first is a long word for "outdoor." Cowper wrote: "Fine weather and a variety of extraforaneous occupations . . . make it difficult for me to find opportunities for writing." Carlyle's word goes back to Thurbell's trial. A witness said: "I always thought him a respectable man." "What do you mean by respectable?" he was asked. The answer was: "He kept a gig." Carlyle was tickled by the word "gigman" and gave it frequent duty to describe persons of poor culture but some accidental advantages; finally, with a stroke of his sardonic humour he herded many of us into "gigmanity."

By the way, when looking up some of these examples, I saw "jawbreaker" in a dictionary, and that word, appropriate at the moment, is certainly comic. Slang, of course, but the slang of to-day may become the classic speech of to-morrow; dictionaries of slang, full as they are of humour, are usually very learned works.

Why Not Invent a Word?

USING a dictionary, you will acknowledge the limits of your own grasp of language; but in itself a dictionary will quaintly help you to realise the limits in language itself. To-day I tried to find the clearest verbal description of "spiral," in the sense employed when we speak of a spiral staircase. The best was this: "A curve which winds round a cylinder like a screw." Simple, isn't it? Yes, deceitfully simple, for it pre-supposes mathematical knowledge of a cylinder, and for understanding of "screw" we are thrown back upon "spiral." But can you do any better with verbal definition? Try, with your hands in your pockets or behind your back, to tell your friends what a spiral staircase is. Better—for your amusement—get some friend, to try thus to tell you.



Mrs. Daisy Basham and Mr. Arthur Briggs, a popular Auckland duo. They will be heard next from IYA on August 2.

—S. P. Andrew, photo.

go, he walked gravely up to him and inquired what he wanted.

The man answered, "Sir, can you tell me where I may find Mr. Delahunte?"

"Yes," said the doctor: "do you see that building before you?"

"Yes."

"Then crucify this quadrangle and take the diameter of the plot beyond it, enter the opening before you, and ascend the ligneous grades; then turn to your left and you will find him either peripatouncing in his cubicle, dormitating in his lectuary, or perescopouncing through his fenestra."

The poor man, who understood nothing of this and remembered not one word but the last, said: "And pray, sir, what is the fenestra?"

To which the doctor replied: "It is an orifice in an edifice to admit luminous particles."

"Oh, thank you," said the poor fellow, and walked off more perplexed than before.

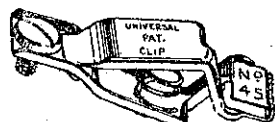
Isn't that delicious? What a name for a window, to say nothing of the rest!

The Humour of Length.

LONG words, comical in their length and structure, are found in many languages, longer, some of them, than

lative in "minimissimus" and "pessimissimus." Plautus has four or five consecutive lines of comic joinings of ill-assorted words. But let us get back to our English dictionaries. They hold many words with a laugh in them.

Some of these were not meant to be added to our language, yet they have stuck fast in it. Only in large collections of words will you find many of



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Probably you have felt the need of some word not in any dictionary. Look up "despise," and then, running over all possible abstract endings, find what is the abstract term corresponding to the act of despising. Some folk will invent on the spur of the moment, regardless of all dictionaries save the one they could amusingly make. Said one lady to another, "Now, Mrs. Arris, don't you try to be 'anghty with me I won't 'ave it! If there's one thing I can't abide, it's 'aught!" It is not only Mrs. Malaprop who has shown this aptitude. There's Mrs. Poyser, in a different way, and Sairey Gamp and Betsey Prig. I hesitate to comment on the fact that so many of these engaging linguists are ladies.

Some simple words hold humorous suggestion. A blackberry, you know, is red when it is green; and a white blackbird—there is such a thing—con jures up almost an equal riot of entertainment. Here I would put in a plea for the pun. A thing not noted often is that very serious people have indulged in this allegedly frivolous exercise—in reality showing some intellectual interest in words; more or less intellectual, of course.

To cite a lady first, there is Queen Elizabeth's almost too well-remembered joke at the expense of Lord Burleigh and Lord Leicester. Napoleon said of Count Lobau, whose proper name was Mouton (meaning, as our word "mutton" first did, a sheep), "Mon mouton c'est un lion" (my sheep is a lion). Ben Jonson praises Shakespeare's lines in a seriously punning couplet:—

In each of which he seems to shake a lance.

As brandished in the eyes of ignorance.

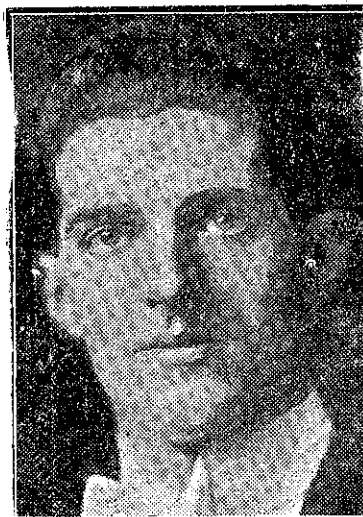
Fuller, the church historian, was wont to make solemn play with his own name. Baxter, the divine, called Presbyters "priest-biters," and played some other verbal pranks with them. Tom Hood, of course, is known equally for his pathos and his punning, and the prize for the best pun goes to him by general consent for this stanza—

*His death, which happened in his beri
At forty-odd befell;
They went and told the sexton, and
The sexton toll'd the bell*

Lewis Carroll, to return for a moment to him, would have made a most entertaining dictionary, but there is no need to go beyond the one we ordinarily handle. In it you will find many a word, seemingly above suspicion of making merry, indulging in mischievous pranks, tricking the unwary, especially the illiterate unwary. There is no lead in a lead pencil, and no soda in soda water. A pen-knife is no longer a penknife. Neither a crayfish, nor a starfish, nor a silverfish is a fish. A mongoose is no sort of goose. A Mussulman may be a woman. "Dead reckoning" is anything but dead reckoning; we may say "a dead shot" or "a dead line" to convey a sense of accuracy, but "dead reckoning" is no more than the method of finding the place of a ship without the aid of celestial observations, from a record of the courses run and the distances made on these courses, and this gives no certainty. Trusting to "dead recokning" nearly

cost the Allies an irreparable loss at Jutland.

There are many other such twilight phrases, and the dictionary entertainingly yields them to quiet perusal. To begin to take an interest in words, with the aid of a good dictionary, is



MR. WM. RENSHAW,
tenor, whose next appearance with
2YA will take place on July 31.
—S P Andreu photo—

to enter a new world, a world as full of laughter as of tears: these two, as you know, are never far apart.

Dinner Time Spelling Bee.

AND now, as a last thing, let me tell you of a round game with the dictionary that is great fun. It is a spelling bee that has enlivened many a social gathering, many a meal table. You sit round and spell. Each supplies in succession a letter of a word in his mind. No. 1 starts. No. 2, sitting next, adds a letter; No. 3 adds another letter, and so on round the circle, round and round as the game proceeds. Each player has at first a certain number of points in hand; say, three for a meal table group. When these are all lost that player drops out, and the others carry on until only two are left to fight out a gladiatorial finish. A point is lost by adding a letter that finishes a word, and the thing is to avoid that in order to remain in while other players are falling out. A point may be lost also in another way to be described in a moment. Let us start.

The first player thinks a moment, decides on a word—though really in this position that is scarcely necessary. But of one thing he has to be wary: he cannot use A or I or O as a beginning, as each of these is equivalent to a finished word. Suppose, with due caution, he says L. No. 2, mindful of pitfalls, avoids O and says, we will suppose, I. This gives a virtually endless number of possible words. No. 3, also wary, takes time enough to check the impulse to say D or E or T, and chooses N.

Now the thing gets exciting. The next player, and the next beyond, are cudgelling their brains and getting apprehensive or wicked, as the case may be. No. 4—of the wicked order—

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HEAR !

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- HUM** - - - None at all—The very nature of construction makes it impossible for the speaker to add any to that of the set.
- BAFFLE** - - - Yes—all good cone units use a baffle, although in the case of the inductor dynamic the baffle may be a very simple affair as the bass notes are naturally present in the speaker.

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avoids such finishing letters as E and G and T, and in a flash, with a smile, adds another N. There is a Scots word so spelt—meaning a ravine or waterfall—but no English word. No. 5, who has been already thinking hard, heaves a sigh of relief and says E. Now No. 6 is in the toils. He thinks of "Linnean," but remembers that the rules bar proper nouns and all "capitalised" words. So, perforce, he adds the inevitable T and loses one of his precious points.

No. 7 then starts another word. The fun gets fast and furious. The fact that mischievous intent, cleverly exercised, can catch somebody further round the circle adds to the zest, and the element of chance so enters that the cleverest can be caught helpless. Nevertheless, skill in spelling counts in the long run, for those without it are more likely to be caught napping by a particular sequence of letters or to finish a word unwittingly. When the number of players is reduced to three and at last to two there is still excitement for those who have dropped out after losing all their points.

A dictionary is a necessary adjunct to this exhilarating game—as a court of appeal. A player must have in mind an accepted word, and by consent it must be in the dictionary used for the appeals. If a player whose turn it is to add a letter doubts whether his predecessor has a real word in mind, he is entitled to challenge that player to declare it. Then only is the dictionary opened. Should the dictionary not contain the word, or the player own up that he had no real word in mind, the challenger escapes and the defaulter loses a point. On the other hand, if the dictionary contains the word declared in answer to the challenge, the challenger loses a point. In this way the game is kept on a good level and wrangling is impossible.

With the observance of these few rules this sort of spelling bee combines great fun with instruction. It can do much to promote accurate spelling and a growing vocabulary. If you haven't tried it, do so. You will find it worth while.

A "Radio Clinic"

THE lack of censorship over matter broadcast in America has resulted in a further amusing development. A certain station in the West broadcasts what is known as a "radio clinic," conducted by a doctor—at least by one who holds degrees conferred by two (American) medical colleges.

Thousands of sufferers from real and imaginary complaints send in to the station recitals of their symptoms, to which the kindly doctor gives his individual attention, afterward coming to the microphone and broadcasting prescriptions, which are numbered. Occasionally, atmospheric and other interferences prevent clear reception of the doctor's words of wisdom, so that patients are apt to mistake the prescription numbers. Cynics have suggested the likelihood of a sufferer from dandruff believing himself recommended to try a prescription for torpid liver.

Unfortunately, the "clinic" has attracted the notice of local medical men, who—such is their lack of imagination—are urging the revocation of the doctor's license.

The Opera Maritana

To be Produced by Orpheus Society

THIS charming and well-known opera by Vincent Wallace will be presented in its concert form by the Orpheus Musical Society on Tuesday, July 29, in the Town Hall Concert Chamber, and broadcast by 2YA. "Maritana" is probably one of the best-known works produced by musical societies, and under the capable direction of Mr. Harrison Cook patrons of the concert can be assured of an artistic performance.

Radio

To distant state,
To foreign land,
This wonder great
The earth has spanned.

In friendly conversation we
May enter now across the sea
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Ships on the ocean,
Wrecked or mined,
Or planes in motion
Flying so blind,
When ill conditions try to thwart,
Are guided oft to reach their port
By Radio.

Like magic power
To country homes,
News of the hour
From cities comes.
We marvel—then we stand in awe!
Yet science says there's much in
store

For Radio!

—"Doreen."

The opera is an old one, for it was first produced in the Drury Lane Theatre, London, November 14, 1845, where it was accorded immediate success. Since then it has been produced countless times and rarely fails to please. It is a regular item over the air from the British Broadcasting Corporation, and has been heard from New Zealand stations on more occasions than one.

The principal characters are:—
Charles II, King of Spain Bass
Maritana, a gipsy singer .. Soprano
Don Jose de Santarem, his Minister Baritone

Don Caesar de Bazan Tenor
Lazarillo Mezzo-soprano
Marchioness de Montefiore .. Soprano
The story by Fitzball, like so many operas, deals with the love affairs of a gipsy, but is different, in that it ends happily.

In Act I the Spanish King, Charles II, while wandering about his kingdom in disguise, falls in love with the beautiful young gipsy girl Maritana. The king's companion, the crafty Don Jose, is in love with the queen. He sees in this meeting of the king and the gipsy a chance to further his love love affair with the queen. A jolly young roysterer, Don Caesar, appears on the scene just in time to prevent the lad Lazarillo from ill-treatment from the hand of his

cruel master. A duel between the master and Don Caesar results, although it is Holy Week, when duels are forbidden. Caesar is cast into prison under the penalty of death.

IN Act II Don Jose comes to Don Caesar and Lazarillo in their prison cell. Caesar here sings the soldiers' song, for he cannot reconcile himself to the death of a common criminal. Don Jose makes a proposition. If he, Caesar, will go through the marriage ceremony with a veiled lady he may die by being shot, for Don Jose sees the chance of introducing the widow of a nobleman to court, where he could not have brought the gipsy girl.

The wedding takes place, and the veiled bride is led away, while Caesar takes his place in front of the firing squad. The faithful Lazarillo has, however, removed the bullets from the guns, and Don Caesar's last dying groans are but feigned ones. Don Jose, intent on compromising the king, has taken Maritana to a ball as the niece of the Marquis of Montefiore, the host. Caesar follows as soon as his executioners have left him, and arrives at the palace. Don Jose, though astounded at the presence of the man he thought dead, immediately seizes the situation and unveils and presents as Don Caesar's bride the elderly Marchioness de Montefiore. Caesar is taken aback, for he had not imagined this his veiled bride.

ACT III is an unravelling of the complication. Don Caesar comes to Maritana's rescue, as the king is making love to her, and later kills Don Jose in a duel, revealing the dead man's malignant designs toward the king, who, seeing the unworthiness of his conduct, seeks the forgiveness of the queen. On the happily united couple the king confers honours, and everyone is satisfied.

For details of the music of the opera see the Gramophone Notes in another section of this issue.

THE soloists for the principal parts of the forthcoming presentation have been carefully chosen, and can be relied upon to give finished interpretations of the tuneful numbers for which the opera is famous. The part of Maritana is being sung by Miss Ena Rapley (soprano), who achieved such great success in the recent production of the "Arcadians" by the Dennis Operatic Company. The part of Don Jose has been undertaken by Mr. Ernest Short, Wellington's leading and popular baritone, whose artistic and musicianly work is always appreciated. Miss Ngairi Coster's charming mezzo-soprano voice will be heard in the part of Lazarillo, the orphan boy. Mr. Charles Edwards has been engaged for the role of Don Caesar, and his fine operatic tenor voice should be well suited to the part. The small but exacting bass parts of the King of Spain and a Captain of the Guard are being undertaken by Mr. R. J. D. Madigan, who possesses a splendid voice of adequate range

Heard in New Hebrides

THE Rev. W. V. Milne, writing from Nguna, New Hebrides, says that they have had the privilege of hearing the Moderator's voice over the wireless.

"On Sunday, June 8, I turned on to Auckland. Service had already started, and it sounded Presbyterian, so I hung on, though the voice was very faint and static was bad. It was only between bursts of static that I could hear anything at all. During the first reading, Isaiah 40, I called Mrs. Milne to come and listen because the voice sounded very like Mr. Budd's. I was pretty sure of it when I heard him intimate that Mrs. Riddle, from India, whose father had been so long in the New Hebrides, would speak in the S.S. Hall.

We did not get any good of the sermon, I am sorry to say, on account of static and the voice being so faint. Finally, it was announced from 1YA that it was the Rev. G. Budd preaching in St. David's, so I was right in my supposition."

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BY "B NATURAL"

The Opera "Maritana"

It is recorded on H.M.V. DA336 by John McCormack. There are other H.M.V. recordings of this, but McCormack's is the best. There is little gain-saying that he is the world's most popular tenor, for in the relatively short time he has been singing he has gained almost universal favour. The beautiful sympathetic qualities of his voice are brought out in this record. His translation of the part of the disappointed Caesar is perfect—it is delicate and soft.

MARITANA, detained in the king's palace, lives drearily amidst the gloomy splendour of crystal and marble. In this melodious and gloomy surroundings she sings of scenes that are more to her taste and of the loneliness of her heart, for she is a gypsy singer. Shortly after this the king arrives, followed by Don Caesar, who interrupts the unwelcome attentions the king is bestowing and has a few words with him. This is the beginning of the unravelling of the plot.

Unfortunately there are no recent Columbia or H.M.V. recordings of this air as a song, though Columbia makes an excellent instrumental record on

9107. The Squire Octet can always be looked to for first-class music, and in this record they have made no exception. It is a quiet melody abounding in beautiful passages dominated by violin and 'cello. The air seems to float through the whole record, giving it a dainty but plaintive character.



Mr. Geo. Titchener, comedian, a contributor to the lighter side of SYA programmes. He is a well-known professional entertainer.
—Steffano Webb.

THOSE who desire representative selections from the opera will find them on Columbia 2967-8. The excerpts are played by the Regimental Band of the H.M. Grenadier Guards. The first side, part 1, is the finale to Act 2, which comes in after Don Caesar's appearance at the ball after his supposed death. The air is played on a trumpet and takes up the major part of the side. It is well supported by the band.

Part 2 comprises two excerpts, "Let Me Like a Soldier Fall" and the opening chorus to Act 1, both vigorous selections.

Part 3, "Alas, Those Chimes" and "Oh, What Pleasure." The former is the prelude to the wedding scene when the wedding chimes are but the death-knell for Don Caesar.

Part 4, "Scenes That are Brightest" and "With Rapture Glowing." This suite of records would be much improved were they electrically recorded. There would be more scope for the guardsmen to impart colour and variety.

SELECTIONS played by Bert Ralton and his Havana Band are recorded on Columbia 9111. After a brief introduction, "Scenes That are Brightest" are introduced and are well

rendered. They are followed by vigorous excerpts from the overture, and "Angelus," a tender selection, concludes after the abrupt overture.

Part 2, "Health to the Lady," "The Mariner and His Barque," "Finale to the Overture." These are unusual selections and are well played. Many curious effects are introduced and create an unusual effect. The solos are played by instruments that are not usually heard in band selections alone. As a representative of "Maritana" the record is a good one.

The Columbia Symphony Orchestra make an electrically recorded selection of the overture on 02682. This is a splendid orchestra who are fast adding to the collection of recorded orchestral items. They are perfectly balanced and well under the control of the conductor, with the result that their records are splendid.

ON H.M.V. C1693 the Light Opera Company record vocal gems. The record is a good collection of chorus and vocal selections.

ON the reverse of a few of the records are selections other than from "Maritana." DA336 is backed by McCormack singing "The Trumpet Call," by Sanderson. This is a selection with plenty of colour and variety. McCormack's light and shade are well used.

An N.Z. Composer

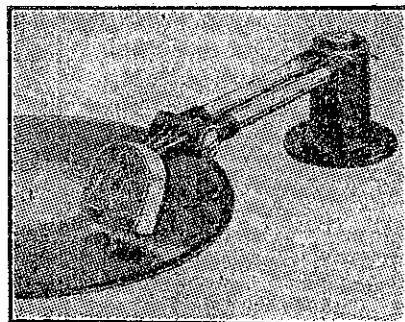
AN interesting personality in contemporary history of New Zealand music is the well-known organist, conductor, and composer, Mr. Arthur Lilly. A.R.C.O., one of the recognised authorities in the musical life of Christchurch. -Born in Dunedin, Mr. Lilly has been a musician all his life, and was a church organist at the age of 12. When 21 he went to London, and took an introduction to Sir Frederick Bridge—then organist of Westminster Abbey, and conductor of the Royal Choral Society. Sir Frederick took a keen and kindly interest in the young New Zealander, and personally directed his musical studies for three years in London. Mr. Lilly gained the diploma A.R.C.O. in 1905. On returning to New Zealand Mr. Lilly acted as assistant organist to Dr. Bradshaw at the Christchurch Cathedral for some years, and is at present organist and choir-master of the Holy Trinity Church, Avonside.

He has written several compositions, some of which have already been published, but his biggest work, "Life," which sets to music Wordsworth "Immortality Ode" and is richly scored for baritone solo, chorus, and full orchestral work, has not yet been published. Negotiations for its publication, however, are at present in train.

"Land of Our Love," which was sung by the Avonside section of the Girls' High School, sets to music a poem by Miss Jessie Mackay, the well-known Christchurch litterateur and poet. The song, "We're Coming Back, Zealandia," depicts the thoughts of the New Zealand boys returning from the Great War. Mr. Lilly teaches the piano, organ, and singing.

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LATELY 4QG, Brisbane, has changed its wavelength, which is a little longer than previously. Unfortunately 4QG is now right on a harmonic of some powerful morse transmitter which pounds away for lengthy periods and chops up the music from the Brisbane station so that it is not possible to tolerate it at all. To add to the trouble, 4QG is now right on top of a Japanese station, and the position so far as the Brisbane station is concerned is hopeless.

A FEW nights ago the writer discovered 1YA, Auckland, being seriously interfered with by a powerful American station. Conditions were favourable for long-distance reception, and the American was coming in with exceptional strength. The American has been heard by several listeners in various parts of New Zealand, and "Switch" has noticed its presence on previous occasions, but not with sufficient strength to occasion any interference with Auckland.

THE way the American radio sets have captured the New Zealand market has always been a subject of surprise to the writer, in view of the fact that the British manufacturers are turning out sets second to none in the world. Even to-day, after seven years of broadcasting, Britain was represented by only one A.C. set, at the Wellington Radio Exhibition, suitable for long-distance loudspeaker reception. The sole representative of Britain in that class was a superbly-made three-valve set with one power screen-grid radio frequency valve, a detector, and one stage of transformer-coupled audio.

THE receiving sets on show at the Wellington Radio Exhibition, with perhaps one or two exceptions, showed minor improvements on last year's models, and in some cases a radical change was noticeable. One prominent maker has not adopted the screen-grid valve for radio-frequency amplification, but uses a s.g. valve for detection, and is a very fine distance-getter. It would appear, however, that the makers have now settled down to a standard type, and prospective buyers need not postpone purchasing with the idea that there will be any radical changes in the visible future.

THE high duty on the cabinets of American sets has resulted in some equipments being imported minus the cabinets, which are now being manufactured in New Zealand. The writer was shown a number of Dominion-made cabinets on view at the Wellington Radio Exhibition, in which were fitted high-grade American receiving sets and loudspeakers. These cabinets were superbly made and finished, and reflected the greatest credit on the New Zealand makers.

THE Wellington Radio Exhibition gave the general public a fine opportunity of becoming familiar with the latest in wireless equipment. Each stall was thronged every evening, and at times it was impossible to get with-

in talking distance of the attendants. On all sides were heard most favourable remarks of the tonal qualities of the sets and loudspeakers being demonstrated. The old days of unbearable distortion and limited frequency ranges of reproduction are gone forever.

"SWITCH" overheard a well-known city business man remark to his wife at the Wellington Radio Exhibi-

Reception Table for Australian Stations

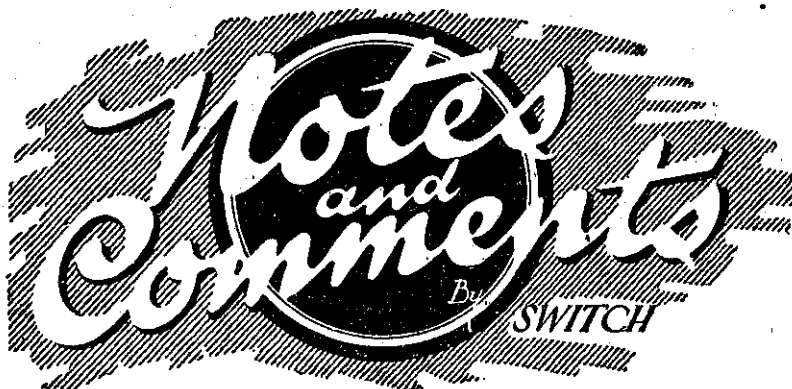
FOR the guidance of those who wish to check their reception of the Australian stations, "Switch" prepares weekly a table showing the average relative strengths with which he has obtained reception at 11.30 p.m. during the past week:—

2FC, Sydney	10
2BL, Sydney	9
4QG, Brisbane	7
3AR, Melbourne	7
3LO, Melbourne	8½
2GB, Sydney	6½
2UE, Sydney	5
3DB, Melbourne	3
7ZL, Hobart	2
3UZ, Melbourne	3
5CL, Adelaide	2
2KY, Sydney	1½

The above figures are the points assessed, with 10 as the maximum.

tion, "I never knew until to-night how simple it is to operate a radio set." The A.C. set has, without doubt, captured the general public with its simplicity. The single tuning control and volume knob seemed like a mere dream a very few years ago, and the vision of an A.C. set appeared to be impossible of realisation except in the dim, distant future. And now those dreams have come true!

THE Maori performers from Wanganui deserve the utmost praise for their enjoyable entertainments at the 2YA studios and at the Wellington Radio Show, where they proved a tremendous attraction. Every evening at the Town Hall the seating accommodation in the gallery was taxed to its utmost capacity, and each item by the Maoris was applauded to the echo. The Maoris themselves were a happy family of young people, and they were overwhelmed with the demonstrative marks of appreciation of their efforts.



also, checking up on tests of rehearsals while here. The outsider has no idea of the many questions of detail involved in the technical side of broadcasting.

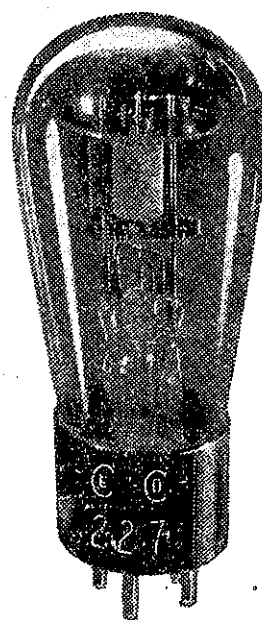
AN A.C. shortwave receiving set was on view at the Wellington Radio Exhibition, and was in use at the radio transmitters' stall. "Switch" learns that the set performed most efficiently, and its musical reproduction had perfect tonal qualities. It is only a matter of a few months or so when a good demand will set in for A.C. shortwave sets, if their efficiency can be widely proven.

THE most costly "buy" at the Radio Exhibition was a combined radio set and electric gramophone with an automatic mechanism which changed 15 records without human attention. This elaborate affair was listed at £250. It was the centre of much interest.

PROMINENT radio traders informed "Switch" that the Radio Exhibition resulted in several immediate sales, and one big importer said he had run short of supplies, so heavy had been the demand for his sets. One line that has been selling well is the small A.C. set for local reception. It requires no aerial or earth, and can fit into a brief bag. A follower of racing told "Switch" that he had one solely for the purpose of obtaining racing results from 2YA when he was at his office. He keeps a multivalve set at home.

MR. J. M. BINGHAM, the Broadcasting Company's chief radio engineer, was in Wellington during the first few days of the Radio Show, on his way back from Auckland to Christchurch. He was exceedingly busy at Wellington carefully checking up all equipment in connection with the broadcast from the studios, and particularly that of the Maori performers' broadcasts. Mr. Bingham spent much time,

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Feature Peeps at Future Programmes

MONDAY

2YA Notes.

THE fortnightly talk on "The Motor" will be given by Mr. A. T. Barrow, of General Motors, Ltd.

The evening programme will feature the Ariel Singers, Mr. Cedric Gardiner and Miss Madge Freeman and the Orchestra. The vocal numbers will comprise Walford Davies's "Nursery Rhymes" and solo items by the members of the quartet. Light sketches will be given by Mr. Cedric Gardiner and Miss Madge Freeman.

A feature of the programme will be items by a cello trio comprising Mr. Claude Tanner, and Misses Iris Lawson and Kathleen Goodson. Their items will include Popper's famous "Requiem" and Fairburn Barnes's arrangement of several old English folk-songs. The orchestra, under Signor A. P. Truda, will play as an overture Schlegel's "Midnight Dream," also Pierné's suite, "Izyl" and Delibes's "Czardas."

3 and 4YA.

FROM 8 till 9.20 3YA and 4YA will broadcast a debate, to be conducted on relay by the Canterbury and Otago Universities respectively. From 9.20 each station will present a studio concert.

TUESDAY

1YA Attractions.

FROM 1YA at 3.15 p.m., Mrs. Lee Crane will continue her interesting talks on "The Beauty of Mind and Body in Relation to Diet," and at 7.15 p.m. Mr. R. Talbot will give a further talk on "Motoring."

Once again 1YA listeners will be entertained with a three-act comedy by the Auckland Comedy Players under the direction of Mr. J. F. Montague. The comedy is entitled "Caste," and is written by the American playwright, Robertson. Plays have always been a feature of the 1YA programmes, and those given by the Auckland Comedy Players are always very enjoyable.

"MARITANA"

From 2YA.

FROM 2YA, at 7.40, there will be the usual weekly talk to farmers by a representative of the Department of Agriculture.

A ballad opera that is always popular with concert audiences is Wallace's "Maritana," which will be relayed from the Concert Chamber by 2YA to-night.

This is a repeat performance by the Orpheus Musical Society, the last occasion on which they broadcast this work being from the studio on November 28, 1927. Since then the society has gained valuable experience, and their performance at the concert chamber to-night will be of a high standard. The story

of the plot and the details of the cast will be found in another column.

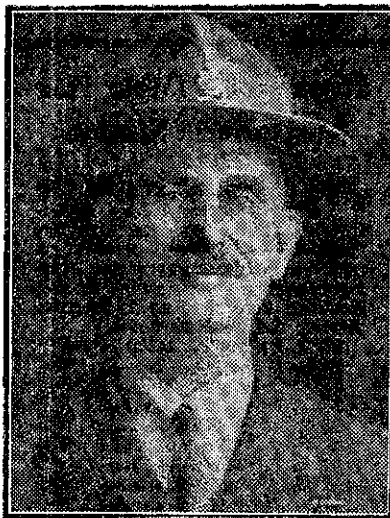
THE programme will be provided by the St. Kilda Band (under Mr. James Dixon), and the following artists: Miss F. Fogarty (soprano), Miss M. Teviotdale (contralto), Mr. Geo. Crawford (tenor), Miss Isobel McGregor (monologue entertainer) and Messrs. J. Moore, Wilson and Ted Farant, in violin, piano and vocal items.

WEDNESDAY

BAND CONCERT

From 1YA.

FROM 12.30 p.m. to 1.30 p.m. there will be a relay of the Community singing at the Auckland Town Hall.



CAPTAIN T. HERD,

under whose baton the Wellington Artillery Band will present selections during the concert session from 2YA on July 31.

—Crown Studios.

Country listeners and hospital patients have sent many letters of appreciation to the secretary of the Community Singers, for these relays are always very much enjoyed. At 7.40 p.m. Mr. Norman Kerr will continue his talks on "Physical Culture."

The Congress Hall Band, under the conductorship of Mr. T. Paice, will supply the main portion of 1YA's programme, and included in their items is a part-song by the members of the band, "Soldiers' Chorus," from "Faust." The ever-popular Bohemian Duo will be heard in numbers from their very extensive repertoire, and another appearance will be made by the Salon Trio. Their programme will include piano, violin, and cello solos, and soprano solos with violin obligato.

This combination of young artists proved their popularity in their first appearance some few weeks ago. Altogether, the programme should prove very enjoyable.

3YA Attractions.

TWO new singers will be heard from 3YA. One, Miss Jean Johnson, contralto, is a sister of the well-known radio baritone, Mr. E. J. Johnson. She has a very promising voice. The other new artist is Mr. J. A. Blyth, at one time a cathedral chorister, now a tenor. His items will be a solo from "Tosca" and three songs from "The Garden of Kama."

Other vocalists on the programme will be Miss Thelma Ayres and Mr. F. C. Penfold. Miss Florence Brewins, elocutionist, will recite among other things "The Night Watch on the Charlotte Jane," written by the late J. E. Fitzgerald during the voyage of that emigrant ship.

The programme to be given by the Studio Octet, under Mr. Harold Beck, will be mainly operatic. Moszkowski's "Suite for two violins" will be played by Miss Irene Morris and Mrs. A. H. Bills.

From 4YA.

THE Home Science talk at 4YA will be on "Meatless Meals." The evening talk for farmers will be given by Mr. D. Tannock, on "Ornamental Trees for the Farm."

A new male voice quartet, the Radions, will be singing at 4YA. Among the concerted numbers will be "Rose of My Heart," "Simon at the Fair," and "My Ain Folk." Some very fine duets and solos will also be sung. A bright instrumental programme will be provided by the Select Four.

THURSDAY

1YA's Attractions.

THE afternoon talks from 1YA, 2YA, and 3YA will be on "Poultry and Game." These talks are prepared by the home science extension department



MR. RUSSELL SUMNER, who, with Mr. T. D. Williams, will present three Hebridean songs from 3YA on July 31.

—Steffano Webb, photo.



MR. A. McSKIMMING, whose interesting talks on "Voice Culture, Ancient and Modern," are broadcast by 1YA on alternate Tuesdays. His next appearance is scheduled for July 29.

SUNDAY

From 1YA.

DIVINE Service will be relayed from the Beresford Street Congregational Church, the preacher being the Rev. Albert V. Whiting, and the organist, Mr. W. Gemmell.

Following the church service will be a programme presented from the studio, which will include items by Mrs. Pearl Owen (mezzo-contralto). She will present "The Songs My Mother Sang" (Grimsbaw), "Chinese Flower" (Phillips), and "Love the Jester" (Phillips). Mr. Stan Pritchard (baritone) will sing "The Rani's Messenger" (Martin), "Tired Hands" (Sanderson), and "The Watchman" (Squire), while the Studio Trio will be heard in instrumental trio selections. A piano solo, "Carillon" (by O'Neill), to be played by Mr. Eric Waters, will also be included on the programme.

Sunday at 2YA.

THE church service to be broadcast by 2YA will be relayed from St. Thomas's Anglican Church, Wellington South. The preacher will be the Rev. C. V. Rooke, M.A., and the organist and choirmaster, Mr. W. Gatheridge. Following the church service a relay of the concert to be given in the St. James Theatre by the Wellington Municipal Tramways Band will be carried out.

3YA's Programme.

THE Rev. J. Lawson Robinson will be the preacher at St. Andrew's Church on Sunday evening, when the service will be broadcast by 3YA. A relay of the concert to be given by the Kaikorai Band, in Dunedin, will follow.

From 4YA.

THE service in the Salvation Army Fortress, Dowling Street, will be broadcast by 4YA. Captain Chandler will be the preacher.

of Otago University. At 1YA at 7.40 Mr. N. M. Richmond, B.A., director of the W.E.A., will continue his talks on "Life and Labour in the 19th Century."

1YA's evening programme has been arranged by the Auckland Orphans' Club Orchestra under the direction of Mr. Harold Baxter, and assisted by vocalists from the Orphans' Club. The orchestra contains upwards of 40 very fine instrumentalists, and the station is fortunate in being able to obtain their services.

As they combine plenty of variety in their numbers and there is splendid finish to their work, their previous programmes have been very well received. One of their numbers is a march entitled, "The Orphans," written for and dedicated to the Auckland Club by the composer, Moor-Karoly, a very prominent Auckland musician.

The soloists for the evening will be Messrs. Ed. Churchhouse and Alf. Fogarty; humour will be supplied by Mr. Ned Fort, and instrumental items by Messrs. Vic. Carter and Benn.

BAND CONCERT

From 2YA.

MR. J. W. FERGIE, of the Head Office New Zealand Railways, will deliver another of his interesting series



MISS BESSIE POLLARD, a talented pianist from 3YA, who, on July 31, will present, among other items, Bach's "Italian Concerto."

of talks from 2YA this evening at 7.40.

The Wellington Artillery Band, playing under the conductorship of Captain T. Herd, will give of their varied and interesting programme during the concert session from 2YA. The band will be assisted by Miss Gwladys Edwardes (soprano), Mr. Wm. Renshaw (tenor), Miss Nora Greene (contralto), and Mr. Claude Moss (baritone), humorous recitations being given by Miss Gracie Kerr. The novelty portion of the programme will include items by the Golden Hula Quintette, a combination which specialises in Hawaiian music.

3YA's Programme.

THE 3YA talk for farmers will be on "Winter Care of Fruit Trees," by Mr. S. Frew, of the Horticultural Division of the Department of Agriculture.

Quartets to be sung by the Melodious Four at 3YA will include the popular negro spiritual "Swing Low, Sweet

Chariot," two of Walford Davies' "Nursery Rhymes," and Brahms' "Cradle Song." A number of fine duets and solos will be sung, including three of the Hebridean Songs, the vocalists for these being Mr. T. D. Williams and Mr. Russell Sumner.

Miss Bessie Pollard, an excellent pianiste, will be welcomed. One of her items will be the first movement of Bach's "Italian Concerto." Miss Thelma Cusack, violiniste, will play, to orchestral accompaniment, Glazounov's "Meditation" and de Severac's "La Fenetre d'Amour." The orchestral programme by the Studio Octet will include a number of items new to 3YA listeners.

FRIDAY SONG CYCLE

From 1YA.

A FURTHER talk on Esperanto will be given by Mr. W. E. G. Wheeler from 1YA at 7.40 p.m.

A particularly interesting item on this programme is the song-cycle, "Gloria," composed by del Regio to words by Coleridge. This will be given by Madame Mary Towsey and Mr. John Bree, two excellent vocalists. The song cycle is divided into five parts: Hope, Fulfilment, Separation, Reunion, and Loss.

The Studio Trio will be performing and violin solos will be played by Miss Ina Bosworth. Miss Hinemoa Rosieur (contralto) will sing "Poet's Life," "By the Fireside," and "The Willow Song," three excellent numbers which should receive adequate treatment by this artist.

Mr. A. B. Chappell, M.A., will give another of his interesting "Topical Talks," and a gramophone lecture-recital by Mr. Karl Atkinson will be on "Stars of the Record World."

2YA Features.

MR. A. J. HEIGHWAY, editor of the "New Zealand Dairy Exporter" and the "Radio Record," will give a talk from 2YA to-night on the work of the Empire Marketing Board.

Following this lecture there will be a relay from Victoria College of a debate by the College Debating Society, the subject of the debate being: "That the World is not really Progressing."



MISS NORA GREENE, a contralto whose next appearance from 2YA is scheduled for July 31. —S. F. Andrew, photo.

On the conclusion of the debate the motion will be open for general discussion by those present. These relays have always been very favourably commented on in the past, and the one under discussion will no doubt prove to be equally as interesting and entertaining.

From 3YA.

FOR 3YA's hour and a half concert preceding its dance session, a bright programme has been arranged. Two very popular singers, the Dulcet Duo (Miss Nellie Lowe and Mr. A. G. Thompson) will be heard in solos and duets. To other vocalists will also be welcomed, Mrs. W. B. Harris and Mr. Syd. Andrews.

Mr. Geo. Titchener will recite, Mr. Harold Beck will play a 'cello solo (Popper's "Gavotte"), and light items will be presented by the Studio Trio.

4YA Attractions.

THERE will be the usual afternoon talk on "Fashions" at 4YA.

The vocalists for the evening will be Miss D. Carty, Miss M. Howden, Mr. J. Kennedy and Mr. J. Clark. Miss Tui Northey will recite. The instrumental side of the musical programme will be provided by the 4YA Trio, with solos by Mr. J. A. Wallace (violin) and Mrs. C. Drake (piano).

SATURDAY

From 1YA.

AN outstanding item on the programme by the 1YA Orchestral Octet will be the descriptive piece for solo, piano and orchestra, "The Clock and the Dresden Figures." (Two Dresden china figures standing on each side of a clock come to life and dance to the ticking of the clock. The clock goes wrong, the spring breaks suddenly, and the figures rush back to their former positions.)

Mrs. Daisy Basham and Mr. Arthur Briggs will be heard in solos and duets, while Mr. Robert McKnight, concertina player, will give special numbers, and humour will be given by that inimitable humorist, Mr. G. C. Tollerton, well known in many parts of New Zealand.

Harmonic Concert

2YA's Programme.

DURING the 2YA session, Mr. W. M. Jackson will give a timely talk on



MISS THELMA CUSACK, violiniste, who will play several classical numbers to orchestral accompaniment from 3YA on July 31. —Steffano Webb, photo.

the "Cultivation of Potatoes," August being the month in which gardeners and farmers should give attention to this edible tuber.

The Wellington Harmonic Society's second concert of the season will be relayed from the Town Hall this evening by 2YA. The programme, which is an excellent one, comprises part songs and full choral numbers, also solos by Miss Hilda Chudley. Two numbers of outstanding interest will be the items to be played by Mr. and Mrs. Eric Meier and Miss Elsa Walter.

These will be taken from Moszkowski's Suite for two violins and piano, and Juon's Suite for the same instrumentation. The same artists will also accompany the ladies' section of the choir in Elgar's composition, "Fly, Singing Bird." The accompanist will be Mr. Clement Howe, and the choir performs under the conductorship of Mr. H. Temple White.

(Concluded on page 33.)

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Full Programmes for Next

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Sunday, July 27

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

- 3.0 : Afternoon session—Selected studio items, including literary selection by the Announcer.
 4.30: Close down.
 6.0 : Children's Song Service, conducted by "Uncle Bert."
 6.55: Relay of Divine Service from Beresford Street Congregational Church.
 8.30: (approx.) Orchestral—Philadelphia Symphony Orchestra, "Toccata and Fugue in D Minor" (Bach).
 Mezzo-contralto—Mrs. Pearl Owen, (a) "The Song My Mother Sang" (Grimsshaw); (b) "Chinese Flower" (Phillips).
 Instrumental trio—Studio Trio, "Second Movement Abridged from the Unfinished Symphony" (Schubert).
 Baritone—Mr. Stan Pritchard, "The Watchman" (Squire).
 Piano solo—Mr. Eric Waters, "Carillon" (O'Neill).
 Orchestral—San Francisco Symphony Orchestra, "Funeral March of a Marionette" (Gounod) (H.M.V. ED5).
 Mezzo-contralto—Mrs. Pearl Owen, "Love, the Jester" (Phillips).
 Instrumental trio—Studio Trio, (a) "Promenade, from 'Carnival'" (Schumann); (b) "Rondo Alla Turca" (Hummel).
 Baritone—Mr. Stan. Pritchard, (a) "The Rani's Messenger" (Martin); (b) "Tired Hands" (Sanderson).
 Piano solo—Mr. Eric Waters, "Polonaise in E Major" (Liszt).
 Choral—Westminster Abbey Special Choir, "O Bone Jesu" (Child).
 Instrumental trio—Studio Trio, "Last Movement from Trio in D Minor."
 Orchestral—Boston Symphony Orchestra, "Wiener Blut" (Strauss).
 9.30: (approx.) God save the King.

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

- 3.0 : Chimes. Afternoon session—Selected recorded items.
 4.30: Close down.
 6.0 : Children's Song Service, conducted by Uncle George and assisted by the Children's Choir from the Island Bay Baptist Church, under Mr. McHutchen.
 7.0 : Relay of Evening Service of St. Thomas's Anglican Church, Wellington South. Preacher: Reverend C. V. Rooke, M.A. Organist and Choirmaster: Mr. W. Gatheridge.
 8.15: (Approx.)—Relay from St. James Theatre of the Band Recital of the Wellington Municipal Tramways Band. (Conductor, Mr. E. Franklin).
 God save the King.

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

- 3.0 : Afternoon session—Gramophone recital.
 4.30: Close down.
 5.30: Children's Song Service by Children from Presbyterian Sunday Schools.
 6.15: Intermission from studio.
 6.30: Relay from St. Andrew's Presbyterian Church (Preacher, Rev. J. Lawson Robinson; Choir Conductor, Mr. J. Maclean; Organist, Mr. Robert Lake).
 7.45: Studio Intermission Programme—Recorded items.
 8.5 (approx.): Relay of programme from 4YA, Dunedin.
 God save the King.

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

- 3.0 : Chimes. Selected gramophone items.
 4.30: Close down.
 5.30: Children's Song Service, conducted by Big Brother Bill, assisted by the Mornington Baptist Sunday School.
 6.15: Close down.
 6.45: Relay of Church Service from Salvation Army Fortress, Dowling Street, Dunedin (Preacher, Capt. Chandler; Conductor, Mr. Millard).
 8.5 : Relay of concert from H.M. Theatre, Dunedin, by Kalkorai Band under conductorship of Mr. T. J. Kirk Burnand.
 9.30: God save the King.

Monday, July 28

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

SILENT DAY.

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

- 3.0 : Chimes. Selected Studio items.
 3.30 and 4.30: Sporting Summary.
 4.55: Close down.
 5.0 : Children's Session, conducted by Uncle Jeff.
 6.0 : Dinner Session, "H.M.V." Hour.
 Orchestral—Berlin State Opera Orchestra, "Polonaise" (Liszt).
 Violin—Isolde Menges, "Nocturne in E Flat Op. No. 9."
 6.13: Tacet.
 6.15: Band—H.M. Coldstream Guards, "La Fille De Madame Angot."
 Piano—Mark Hambourg, "Rakoczy March" (Liszt) (C1439).
 Orchestral—John Barbirolli's Chamber Orchestra, "A Little Night Music 1st. Movement" (Mozart) (C1655).
 6.29: Tacet.
 6.30: Orchestral—John Barbirolli's Chamber Orchestra, "A Little Night Music 2nd, 3rd, 4th Movements" (C1655/6).
 Piano—Mark Hambourg, "On Wings of Song" (Mendelssohn) (C1439).
 6.44: Tacet.
 6.45: Quartet—Virtuoso String Quartet, "Londonderry Air."
 Violin—Isolde Menges, "Air on G String" (Bach) (D1288).
 Quartet—Virtuoso String Quartet—"The Emperor Quartet" Op. 76. No. 3 (Haydn) (C1470).
 6.58: Tacet.
 7.0 : News Session, Market Reports and Sports Results.
 8.40: Lecturette—Mr. A. T. Barrow, of General Motors Ltd., "The Motor."
 8.0 : Chimes.
 Overture—2YA Orchestrina (Conductor Signor A. P. Truda) "Midnight Dream" (Schlepegrell).
 8.9 : The Singers in a Group of "Nursery Rhymes" by Walford Davies, Lullaby "Willie Winkie," "Valentine," "Hunting up the Snail," "Tother Little Tune," "Thomas and Annis," "If All The Seas Were One Sea," "The White Paternoster."
 8.29: Suite—2YA Orchestrina, Suite "Izeyl" (Pierne-Mouton) (a) "The King Enters." (b) "The Princess Enters."
 8.37: Sketch—Mr. Cedric Gardiner and Miss Madge Freeman, "Alfred Edward Collins" (Pervwee).
 8.44: Piano—Miss Gertrude Johnston, (a) "Sing a Song of Sixpence" (Livens); (b) "La Fille Aux Cheveux De Lin" (Debussy); (c) "Movement Perpetuo" (Poulenc).
 8.51: Selection—2YA Orchestrina, (a) "The Introduction and Lament"; (b) "Serenade" from the Suite "Izeyl" (Pierne-Mouton).
 8.58: Weather Report and Announcements.
 9.0 : Lecturette—Representative, Music Week Committee, "Music Week Activities."
 9.10: 'Cello Trio—Mr. Claude Tanner and Misses Iris Lawson and Kathleen Goodson, (a) "Drink To Me Only" (arrgd. Fairburn); (b) "Barbara Allen" (arrgd. Fairburn-Barnes); (c) "Annie Laurie."
 9.18: Soprano—Miss Jeanette Briggs, "The Blue Danube Waltz" (Strauss).
 9.22: Sketch—Mr. Cedric Gardiner and Miss Madge Freeman, "The Reason Why" (Anon.).
 9.29: 'Cello Trio—Mr. Claude Tanner and Misses Iris Lawson and Kathleen Goodson, "Requiem" (Pöpper).
 9.38: Duet—Miss Jeanette Briggs and Miss Ngairi Coster, "The Lotus Flower" (Rubinstein).
 9.42: Relay of Organ Recital by Mr. H. Temple White, (a) "Spring Song" (Hollings); (b) "Traumerel" (Schumann); (c) "Marche Solennelle" (Maily).
 9.52: Bass—Mr. J. M. Caldwell, "The Rebel" (Wallace).
 9.56: 'Cello Trio—Mr. Claude Tanner and Misses Iris Lawson and Kathleen Goodson, (a) "All Through the Night" (arrgd. Fairburn Barnes); (b) "The Bailiff's Daughter of Islington" (arrgd. Fairburn-Barnes).
 10.3 : Tenor—Mr. H. Brusey, "In Summer Fields" (Brahms).
 10.7 : Contralto—Miss Ngairi Coster, "Softly Awakes My Heart" (St. Saens).
 10.11: Selection—2YA Orchestrina, "Czardas" (Delibes).
 10.16: God save the King.

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

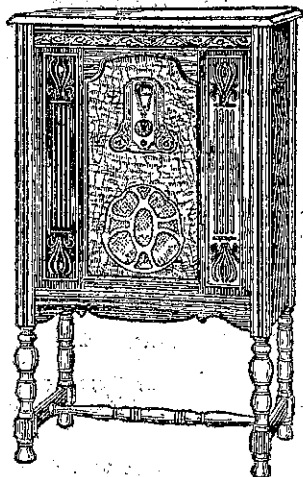
- 3.0 : Afternoon Session—Gramophone Recital.
 4.25: Sports results.
 4.30: Close down.
 5.0 : Children's Hour, conducted by Sunny Jim and Jack Frost.
 6.0 : Dinner Session, "Parlophone" Hour.
 Orchestral—Grand Symphony Orchestra, "Suite Orientale" (a) "March"; (b) "On the Shore of the Ganges" (Francis Popy).
 Orchestral—Edith Lorand Orchestra, "Toreador and Andalousse."
 Orchestral—Grand Symphony Orchestra, "Naila" (Delibes) (A4191).
 6.14: Tacet.
 6.15: Orchestral—Dajos Bela Orchestra, "Woodland Peace."
 Orchestral—Berlin State Opera House Orchestra, "The Barber of Seville Overture" (Rossini) (A4193).
 Orchestral—Edith Lorand Orchestra, "Minuet" (Boccherini) (A4108).

Week-all Stations-to Aug. 3

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- 6.29: Tacet.
 6.30: **Orchestral**—Grand Symphony Orchestra, "Suite Orientale" Pt. 4, "The Patrol" (Francis Popy) (A4156).
Orchestral—Grand Symphony Orchestra, "Lustspiel Overture."
Orchestral—Dajos Bela Orchestra, "The Court Ball."
Orchestral—Grand Symphony Orchestra, "Japanese Lantern Dance."
 6.44: Tacet.
 6.45: **Orchestral**—Grand Symphony Orchestra, "Suite Orientale" Pt. 3 "The Dancers" (Francis Popy) (A4156).
Orchestral—Dajos Bela Orchestra, "Viennese Waltz Potpourri."
Orchestral—Grand Symphony Orchestra, "Chinese Street Serenade."
 6.59: Tacet.
 7.0: News Session.
 7.30: Lecture—Mr. N. M. Bell, M.A. "Esperanto."
 8.0: Chimes.
 Relay from 4YA, Dunedin. Debate between:—
OTAGO AND CANTERBURY UNIVERSITIES.
 Subject:—"That Modern Industrialism is Detrimental to Culture."
 The Otago Team will speak at 4YA, Dunedin, and the Canterbury Team at 3YA, Christchurch, the debate being broadcast by both stations.
 Affirmative:—OTAGO UNIVERSITY.
 Speakers:—Mr. P. H. W. Neville.
 Mr. J. G. Warrington.
 Miss M. K. Stevens.
 Negative:—CANTERBURY UNIVERSITY.

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WELLINGTON

Speakers:—Mr. C. S. Perry.
 Mr. C. E. Purchase.
 Miss C. West-Watson.

- 9.20: Weather Report and Station Notices.
 9.22: **Orchestral**—New Mayfair Orchestra, "Love Lies."
 9.26: **Tenor**—Mr. J. Bruce Brown, (a) "Jean" (Marjorie Mead); (b) "Tom Bowling" (Dibdin).
 9.32: **Instrumental**—Christchurch Broadcasting Trio, "Trio in B."
 9.42: **Bass and Chorus**—Peter Dawson, "The Old Superb."
 9.45: **Instrumental**—Christchurch Broadcasting Trio, (a) "Cantabile" (Widor); (b) "Slavonic Dance" (Dvorak).
 9.55: **Tenor**—Mr. J. Bruce Brown, "Nirvana" (Adams).
 9.59: **Orchestral**—New Mayfair Orchestra, "Five O'Clock Girl" (Ruby).
 God save the King.

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

- 3.0: Chimes. Selected gramophone items.
 4.25: Sporting results.
 4.30: Close down.
 5.0: Chimes. Children's hour, conducted by Big Brother Bill.
 6.0: Dinner music, "H.M.V." hour.
Orchestral—Marek Weber and His Orchestra, "Cavalleria Rusticana" Selection (Mascagni) (C1736).
Violin—Fritz Kreisler, "Schon Rosmarin" (Kreisler) (DA1044).
Orchestral—Vienna Philharmonic Orchestra, "Hungarian Dance No. 2" (Brahms) (B3145).
 6.13: Tacet.
 6.15: **Orchestral**—Berlin Philharmonic Orchestra, "Tannhauser" March. Piano—Mischa Levitzki, "Sonata in a Major" (Scarlatti) (E537).
Orchestral—De Groot and His Orchestra, "I Love You" (Grieg).
Orchestral—Berlin Philharmonic Orchestra, "Hungarian March—The Damnation of Faust" (Berlioz) (D1498).
 6.23: Tacet.
 6.30: **Orchestral**—Berlin State Opera Orchestra, "Oberon Overture." Violin—Fritz Kreisler, "Rondino" (Kreisler) (DA1044).
Orchestral—Vienna Philharmonic Orchestra, "Hungarian Dance No. 1" (Brahms) (B3145).
 6.43: Tacet.
 6.45: **Orchestral**—Royal Opera Orchestra, "Entr'acte, Act 4 and Ballet Music" ("Carmen") (Bizet) (C1424).
Orchestral—Royal Opera Orchestra, "Ballet Music" ("Carmen"). Piano—Mischa Levitzki, "Eccossaise" (Beethoven) (E537).
Orchestral—De Groot and His Orchestra, "Romance" (Rubinstein).
 6.58: Tacet.
 7.0: News session.
 7.40: Talk—Under auspices of W.E.A.
 8.0: Chimes. Special "Debate" evening, featuring—

CANTERBURY COLLEGE v. OTAGO UNIVERSITY.
 Subject:—"That Modern Industrialism is Detrimental to Culture."
 The Otago team will speak at 4YA, Dunedin and the Canterbury team at 3YA, the debate being broadcast by both stations.

Affirmative:—OTAGO UNIVERSITY.
 Speakers:—Mr. P. H. W. Neville.
 Mr. J. G. Warrington.
 Miss M. K. Stevens.
 Negative:—CANTERBURY UNIVERSITY.
 Speakers:—Mr. C. S. Perry.
 Mr. C. E. Purchase.
 Miss C. West-Watson.

- 9.20: **Orchestral**—New Queen's Hall Orchestra, "Summer Days Suite, No. 3" (At the Dance) (Coates) (Col. 02591).
 9.28: **Baritone**—Mr. Noel H. North, "O Pure and Tender Star of Eve."
 9.33: **Instrumental**—Miss R. Holmes, Messrs. L. Hunter and F. Baker, (a) "Polish Dance" (Scharwenka); (b) "Entracte from 'Rosamunde'" (Schubert); (c) "Three-Four Valse" (Coleridge-Taylor).
 9.48: **Baritone**—Mr. Noel H. North, (a) "Sea Fever" (Ireland); (b) "Wanderer's Night Song" (Schubert).
 9.53: **Instrumental**—Miss R. Holmes, Messrs. L. Hunter and F. Baker, (a) "Wood Nymph" (Lind); (b) "Berceuse" (Illynski); (c) "Countess of Westmoreland's Delight" (Moffatt).
 9.59: **Orchestral**—New Queen's Hall Orchestra, "Wood Nymphs" (Coates).
 10.3: God save the King.

Tuesday, July 29

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

- 3.0: Afternoon session—Selected studio items.
 3.15: Talk—Mrs. Les Crane, "The Beauty of Mind and Body in Relation to Diet."

- 3.30: Further selected studio items.
 4.30: Close down.
 5.0: Children's session, conducted by "Uncle Dave."
 6.0: Dinner session—"H.M.V." Hour:
 Orchestral—Marek Weber and Orchestra, "Beggar Student" (C1528).
 Orchestral—Philadelphia Symphony Orchestra, "Carmen" Entr'acte Act 4" (Bizet) (E531).
 Piano—Wilhelm Backhaus, "Bohemian Dance" (Smetana) (DB1180).
 6.13: Tacet.
 6.15: Band—Creatore's Band, "Semiramide" (Rossini) (C1420).
 Orchestral—Philadelphia Symphony Orchestra, "Soldiers Changing the Guard" (Bizet) (1618).
 Orchestral—Marek Weber and Orchestra, "Rustle of Spring" (Sinding)
 6.28: Tacet.
 6.30: Orchestral—New Symphony Orchestra, "Neil Gwynn Dances Nos. 1 and 2" (Edward German) (B2987).
 Orchestral—Philadelphia Symphony Orchestra, "Carmen"—"March of the Smugglers" (Bizet) (D1618).
 Piano—Wilhelm Backhaus, "Caprice Espagnole" (Moszkowski).
 6.44: Tacet.
 6.45: Orchestral—Marek Weber and Orchestra, "My Darling Waltz" (C1630)
 Band—National Military Band, "Flying Dutchman" Overture" (A364)
 Orchestral—Philadelphia Symphony Orchestra, "Carmen" Entr'acte, Act 1" (Bizet) (E531).
 6.58: Tacet.
 7.0: News and market reports.
 7.15: Talk—Mr. R. Talbot, "Motoring."
 8.0: Chimes. Presentation of three-act comedy play "Caste," composed by Robertson and published by the Dramatic Publishing Company of Chicago, by the Auckland Comedy Players under the direction of Mr. J. F. Montague.
 Overture—La Scala Orchestra, "The Secret of Suzanna" (D1488).
 Act 1: The Little House in Stangate—Courtship.
 Entr'acte—Marek Weber and Orchestra, "My Darling" (Waldteufel).
 Act 2 (eight months later): A Lodging in Mayfair—Matrimony.
 Entr'acte—San Francisco Symphony Orchestra, "Funeral March of a Marionette" (Gounod) (H.M.V. ED5).
 Act 3 (twelve months later): The Little House in Stangate, Widowhood.
 Orchestral—San Francisco Symphony Orchestra, "Valse de Concert." God save the King.

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

- 3.0: Chimes. Selected studio items.
 3.15: Lecturette—Miss Flora Cormack, "Some More Recipes from Hollywood"
 3.25: Studio items.
 3.30 and 4.30: Sporting summary.
 4.55: Close down.
 5.0: Children's session, conducted by "Uncle Jim."
 6.0: Dinner session—"Columbia" Hour:
 Band—B.B.C. Wireless Military Band, "Haste to the Wedding—Folk Dance" (arr. Cecil J. Sharp) (01809).
 Orchestral—The Elite Dance Orchestra, "In Einer Konditorei—Tango"
 Orchestral—New Concert Orchestra, "Life in Vienna," Parts 1 and 2.
 6.14: Tacet.
 6.15: Orchestral—New Concert Orchestra, "Life in Vienna," Parts 3 and 4.
 Band—Military Band, "The Guards' Patrol" (Williams) (01830).
 Orchestral—Dinicu and His Orchestra, "Crepuscle Tango" (Bianco).
 6.28: Tacet.
 6.30: Band—B.B.C. Wireless Military Band, "The Flamborough Sword Dance" (arr. Cecil J. Sharp) (05051).
 Orchestral—Gustav Holst conducting the London Symphony Orchestra, "Marching Song" (Gustav Holst) (02968).
 Orchestral—Sir Hamilton Harty conducting the Halle Orchestra, "An Irish Symphony—Scherzo" (Sir Hamilton Harty) (05024).
 Orchestral—Debroy Somers Band, "The Blue Danube Waltz" (01860).
 6.43: Tacet.
 6.45: Band—B.B.C. Wireless Military Band, "Kirkby Malzeard Sword Dance—Folk Dance" (arr. Cecil J. Sharp) (05051).
 Orchestral—Debroy Somers' Band, "Wiener Blut Waltz" (01860).
 Orchestral—Halle Orchestra, "Londonderry Air" (Hamilton Harty).
 Band—Military Band, "Ever or Never" (Waldteufel) (01830).
 6.57: Tacet.
 7.0: News session, market reports and sports results.
 7.40: Representative Department of Agriculture, "For the Man on the Land."
 8.0: Chimes. From the Concert Chamber of the Town Hall, a relay of the concert version of Wallace's opera "Maritana" by the Orpheus Musical Society.

Argument:

Maritana, a handsome gitana, whilst singing to a crowd of people in a square in Madrid, attracts the admiration of the King. Don Jose, an unscrupulous courtier, observing this, determines to satisfy the King's whim, and then to betray him to the Queen, with whom he is bold enough to be madly in love. An impetuous spendthrift, Don Caesar de Bazan, arrives on the scene, and, in order to protect a poor boy named Lazarillo from arrest, challenges the Captain of the Guard, an action which, by a recent edict of the King, entails death by hanging. He is arrested and imprisoned, but by Don Jose's influence his sentence is changed to the more soldier-like death of being shot

on condition that he marries a veiled lady; this he consents to do. After the ceremony he is led away to the fortress to be shot. Don Jose conveys the veiled wife, who is none other than Maritana, to the palace of the Marquis Montefiore, where the King is introduced to her as the Count de Bazan, whom she has married. Unfortunately for Don Jose's scheme, the real Count was not shot dead, as the bullets had been withdrawn by Lazarillo from the guns whilst the soldiers were drinking at the wedding feast, and he now appears dressed as a monk, and searches the saloons for his wife. Don Jose persuades the Marchioness to play the part of the veiled lady, but the Count discovers the imposture, and Don Jose is compelled to have him re-arrested to prevent his meeting Maritana, who is conveyed by his orders to the Villa d'Aranguez. Here the King pursues her with his unwelcome attentions, but she remains true to Don Caesar. The latter, having escaped from prison, forces his way into the room just as Maritana leaves the King. In the altercation which ensues the King, whom Don Caesar recognises, says he is the Count de Bazan, and so Don Caesar assumes the character of the King, and learns for the first time that a pardon has been sent on the night of his condemnation. This pardon was intercepted by Don Jose. The King, receiving a message from the Queen, departs, giving orders to Lazarillo for the re-arrest of the unfortunate Count Caesar, who, risking all peril, sees Maritana, and proves that he is the man to whom she was so mysteriously wedded. He then climbs over the wall of the villa to kill Don Jose, who is pressing his suit upon the indignant Queen. He returns to the villa to find the King there again, who, on hearing of his loyal bravery, restores to him his bride and makes him Governor of Valentia.

Cast:

Maritana (soprano) Miss Ena Rapley
 Lazarillo (mezzo-soprano) Miss Ngaire Coster
 Don Caesar de Bazan (tenor) Mr. Charles Edwards
 Don Jose de Santarem (baritone) Mr. Ernest Short
 The King of Spain and
 A Captain of the Guard (bass) .. Mr. R. J. G. Madigan
 Conductor, Mr. Harison Cook.

Act I.—A Square in Madrid.

1. Chorus, "Sing, Pretty Maiden, Sing."
2. Romance, "It was a Knight of Princely Mien"—Maritana with chorus.
3. Romance, "'Tis the Harp in the Air"—Maritana.
4. Angelus Chorus, "Angels that Around Us Hover."
5. Duet, "Of Fairy Wand had I the Power"—Maritana and Don Jose.
6. Quartet, "See the Culprit"—Lazarillo, Don Caesar, Captain, and Don Jose, with chorus.
7. Chorus, "Pretty Gitana, tell us what the Fates Decree."
8. Finale to Act I, "Farewell, My Gallant Captain."

Act II.—Scene 1: Interior of a Fortress.

9. Romance, "Alas! those Chimes so Sweetly Stealing"—Lazarillo.
10. Duet, "Hither as I Came"—Don Caesar and Lazarillo.
11. Trio, "Turn on, Old Time"—Lazarillo, Don Caesar, and Don Jose.
12. Song, "Yes, let Me like a Soldier Fall"—Don Caesar.
13. Ballad, "In Happy Moments Day by Day"—Don Jose.
14. Quartet, "Health to the Lady," with chorus—Maritana, Lazarillo, Don Caesar, and Don Jose.

Scene 2: The Palace of the Marquis.

15. Chorus, "Oh, what Pleasure the Soft Guitar."
- From the Studio:
 Weather report and announcements.
 Lecturette—Representative Music Week Committee, "Music Week Activities."
- From the Concert Chamber, Town Hall:
16. Song, "The Mariner in His Barque"—The King.
17. Song, "There is a Flower that Bloometh"—Don Caesar.
18. Finale to Act II, "That Voice! 'Tis Her's I Swear"—Maritana, Don Caesar, Don Jose and Chorus.

Act III.—A Magnificent Apartment.

19. Recit. Ballad, "How Dreary to My Heart is This Gay Chamber."
20. Song, "So My Courage Now Regaining"—Don Jose.
21. Duet, "I Am the King of Spain"—Don Caesar and The King.
22. Duet, "Oh! Maritana, Wild Wood-Flower"—Maritana and Lazarillo.
23. Prayer, "Oh! Sainted Mother"—Maritana and Lazarillo.
24. Trio, "Remorse and Dishonour"—Maritana, Don Caesar, and the King.
25. Finale, "With Rapture Glowing"—Maritana with Chorus.
 God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, JULY 29.

SILENT DAY.

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

- 3.0: Chimes. Selected Gramophone items.
 4.25: Sporting Results.
 4.30: Close down.
 5.0: Chimes. Children's Hour, conducted by Uncle Pete.

- 6.0 : Dinner Music, "Columbia" Hour.
 Band—Band of the Garde Republicaine of France, "The Two Pigeons"
 1. Entrance of Tziganes; 2. Scene and March of the Two Pigeons;
 3. Hungarian Dance; 4. Theme and Variations (Messager) (02924-5)
- 6.14 : Tacet.
- 6.15 : Orchestral—Modern Dance Players, "Over the Waves."
 Orchestral—Modern Dance Players, "Amoretten Tanze."
 Piano—Gil Dech, "Le Jet D'Eau" (Smith) (01719).
 Band—B.B.C. Wireless Military Band, "Fourpence Halfpenny Farthing."
 (arrgd. Cecil J. Sharp) (01710).
 Trio—Stellar Instrumental Trio, "The Maiden's Prayer."
- 6.28 : Tacet.
- 6.30 : Band—H.M. Grenadier Guards, "Fantasia on 17th Century Music A.D.
 1664" (arrgd. Major George Miller) (0239P).
 Saxophone—Rudy Wiedoeft, "Melody" (Daves) (01180).
 Orchestral—Continental Novelty Orchestra, "Los Claveles De Sevilla."
- 6.43 : Tacet.
- 6.45 : Orchestral—Continental Novelty Orchestra, "Las Lagarteranas."
 Instrumental—Squire Celeste Octet, "Come Into the Garden Maud."
 Instrumental—Squire's Celeste Octet, "Killarney."
 Organ—Terence Casey, "I'm Lonely" (Coates) (01501).
 Band—B.B.C. Wireless Military Band, "Lilli Burlero."
- 6.59 : Tacet.
- 7.0 : News Session.
- 8.0 : Chimes.
- Programme of music to be rendered by St. Kilda Band, under direction
 of Mr. Jas. Dixon.
- March—The Band, "The Challenge" (Barnes); (b) "Oh, That We Two
 Were Maying" (Nevin).
- 8.16 : Organ—R. E. McPherson, (a) "Ninette" (Maud). (b) "Japanese Sun-
 set" (Deppen) (H.M.V. B3118).
- 8.22 : Violin, Piano and Vocal—Messrs. J. Moore Wilson and Ted Ferrant,
 "Sweet Sue" (Young); (b) "Button Up Your Overcoat."
- 8.27 : Monologue—Miss Isobel McGregor, "The Little Bottom Drawer."
- 8.32 : Tenor—Mr. George Crawford, "Of All The Airts" (Marshall).
- 8.35 : Description Selection—The Band, "The Sailor's Life" (Cope).
- 8.47 : Chorus—Ever-ready Hour Group, "Goin' Home."
- 8.51 : Contralto—Miss M. Teviotdale, "Pulling the Sea Dulse" (Fraser).
- 8.54 : Selection—The Band, "Pilgrim's Chorus From 'Tannhauser'" (Wagner)
- 9.2 : Weather Report.
- 9.4 : Orchestra and Chorus—Nat Shilkret and Salon Group, Stephen Foster
 Melodies" (Poster) (H.M.V. EB42).
- 9.12 : Soprano—Miss F. Fogarty, (a) "Thoughts" (Leonard); (b) "When
 All Was Young and Pleasant" (Gounod).
- 9.19 : Overture—The Band, "Tancredi" (Rossini).
- 9.26 : Recital—Miss Isobel McGregor, "Ginevra" (Rogers).
- 9.30 : Violin, piano and vocal—Messrs. J. Moore Wilson and Ted Ferrant,
 "Love Parade" (Schertzing); (b) "Chiquita" (Wayne).
- 9.37 : Tenor—Mr. George Crawford, (a) "I Pitch My Lonely Caravan"
 (Coates); (b) "Yes, Let Me Like a Soldier Fall" (Wallace).
- 9.43 : Humorous Selection—Band, "The Coster's Courtship" (McKenzie).
- 9.49 : Piano Novelty—Mr. J. Moore Wilson, "Nobody's Fault But Your Own."
- 9.53 : Contralto—Miss M. Teviotdale, (a) "Love's Quarrell" (Scott); (b)
 "Eriskay Love Lilt" (Fraser).
- 9.59 : March—Band, "Constellation" (Clark).
- 10.3 : God save the King.

Wednesday, July 30

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

- 12.30 : Relay Community Singing from Auckland Town Hall.
- 1.30 : Close down.
- 3.0 : Afternoon session—Selected studio items, including Literary Selection
 by the Announcer.
- 4.30 : Close down.
- 5.0 : Children's session, conducted by "Uncle Tom."
- 6.0 : Dinner session, "H.M.V." hour.
 Overture—H.M. Coldstream Guards Band, "Poet and Peasant" (Suppe).
 Orchestral—Symphony Orchestra, "Love, the Magician" (de Falla).
- 6.12 : Tacet.
- 6.15 : March—National Military Band, "Liberty Bell" (Sousa).
 Waltz—International Novelty Quartet, "Cuckoo" (Jonasson).
 Waltz—Jack Hylton's Orchestra, "Spanish Rose" (Pearson) (B5481).
 Xylophone—Sam Herman, "Al Fresco" (Zono. EB53).
- 6.27 : Tacet.
- 6.30 : Orchestral—New Light Symphony Orchestra, "In a Clock Store."
 March—Royal Opera Orchestra, "Marche Hongroise" (Berlioz).
 Orchestral—Symphony Orchestra, "Spanish Dance" (de Falla).
- 6.42 : Tacet.
- 6.45 : Schottische—International Novelty Quartet, "Lena" (Mewes).
 Pipe organ, piano, trombone and harp—Shilkret's Rhythm Melodists,
 "When You're with Somebody Else" (Gilbert) (EA336).
 Waltz—Jack Hylton's Orchestra, "The Angelus was Ringing."
 March—National Military Band, "El Capitan" (Sousa) (Zono. 5366).
- 6.57 : Tacet.
- 7.0 : News and market reports.
- 7.40 : Talk—Mr. Norman Kerr, "Physical Culture."
- 8.0 : Chimes.
- March—Congress Hall Band, under the conductorship of Mr. T. Paice,
 (a) "Steadily Forward" (Kirk); (b) Selection "Jubilation" (Coles)
- 8.14 : Male quartet—The Salisbury Singers, (a) "When for the World's Re-
 pose" (Mornington); (b) "Early One Morning" (Bullivant).

- 8.20 : Vocal and instrumental trio—Salon Trio, Piano Solo, "Liebestranne"
 (Liszt); Soprano Solo with violin obligato, "In My Heart of
 Hearts" (Lee); Violin Solo, "Le Cygne" (Saint-Saens).
- 8.31 : Marimba—Xylo Rimba Orchestra, "Along Miami Shore."
- 8.34 : Novelty duo—Bohemian Duo, (a) "My Kid"; (b) "She has a Little
 Dimple on Her Chin" (McConnell).
- 8.42 : Air varie—Congress Hall Band, "The Old Well" (Ball).
- 8.54 : Organ—G. T. Pattman, (a) "Cherie" (Feldman); (b) "Worryin'."
- 9.0 : Evening weather forecast and announcements.
- 9.2 : Descriptive march—The Congress Hall Band, (a) "The Salvation
 Army" (Goffin).
 Fantasia—The Congress Hall Band, (b) "American Airs" (Broughton).
- 9.11 : Dialogue—Clapham and Dwyer, "At the Races" (Clapham and Dwyer).
- 9.17 : Vocal and instrumental trio—Salon Trio, Violin Solo, "Mazurka" (Bo-
 rowski); Soprano Solo with violin obligato, (a) "The Wren"; (b)
 "Farewell to Summer" (Benedict) (Johnson); Cello Solo, "Air."
- 9.31 : Male voices—Members of Congress Hall Band, "Soldiers' Chorus,"
 "Faust" (Gounod).
- 9.36 : Marimba—Xylophone Rimba Orchestra, "Three O'Clock in the Morn-
 ing" (Robledo) (Col. 02685).
- 9.40 : Selection—Congress Hall Band, "Banner of Liberty" (Goldsmith).
- 9.46 : Male chorus—Associated Glee Clubs of America, "John Peel."
- 9.50 : Novelty duo, Bohemian Duo, (a) "Sleepy Valley" (Handley); (b)
 "A Little Music in the Moonlight."
- 9.58 : March—Congress Hall Band, "Collingwood" (Dickens).
- 10.1 : God save the King.

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

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

- 3.0 : Afternoon Session Gramophone Recital.
- 4.25 : Sports results.
- 4.30 : Close down.
- 5.0 : Children's Hour, conducted by Uncle John.
 Orchestral—Milan Symphony Orchestra, "Mignon" overture. Pts. 1
 and 2 (Thomas) (05058).
 Band—H. G. Amers and the Eastbourne Municipal Band, "The Little
 Clock on the Mantel" (Wheeler) (01768).
 Orchestral—Jean Kensen and His Orchestra, "Millions D'Arlequin."
- 6.14 : Tacet.
- 6.15 : Orchestral—Symphony Orchestra, "Hungarian March" (Berlioz).
 Violin solo—Toscha Seidel, "Hebrew Melody."
 Orchestral—Jean Lensen and His Orchestra, "Si Mes Vers Avaient
 Des Ailes" (Hahn) (01770).
 Orchestral—Bernardo Gallico and His Orchestra, "The Dance of the
 Dwarfs" (Noach) (05037).
- 6.29 : Tacet.
- 6.30 : Orchestral—H. G. Amers and the Eastbourne Municipal Orchestra,
 "Silhouettes" (Arensky) (05032). (a) "Introduction"; (b) "La
 Coquette."
 Orchestral—Bernardo Gallico and His Orchestra, "The Clock is Play-
 ing" (Blaauw) (05037).
 Band—H. G. Amers and the Eastbourne Municipal Band, "Dancing
 Doll" (Poupee-Valsante) (Poldini) (01768).
 Orchestral—H. G. Amers and the Eastbourne Municipal Orchestra,
 "Silhouettes—The Dreamer" (Arensky) (05032).
- 6.44 : Tacet.
- 6.45 : Orchestral—Zurich Tonhalle Orchestra, "Il Seraglio Overture, Pts. 1
 and 2" (Mozart, arrgd. Busoni) (05025).
 Violin Solo—Toscha Seidel, "Ave Maria" (Schubert) (05045).
 Orchestral—Symphony Orchestra, "Coppelia Ballet Entracte and
 Valse" (Delibes) (05055).
- 6.59 : Tacet.
- 7.0 : News Session.
- 7.30 : Addington Stock Market Reports.
- 8.0 : Chimes.
- Overture—Milan Symphony Orchestra, "Mignon" (Thomas).
- 8.9 : Baritone—Mr. F. C. Penfold, Recit and Aria, "She Alone Charmeth My
 Sadness" (Gounod).
- 8.13 : Mandolin—Circolo Mandolinistico, "Carmen Intermezzo Act 4."
- 8.17 : Contralto—Miss Jean Johnson, "Break, Break Break" (Carey).
- 8.21 : Instrumental—Studio Instrumental Octet (Conductor Mr. H. Beck),
 excerpts from "Rien Zi" overture (Wagner); Entracte from
 "Xavier" (Dubois).
- 8.28 : Recitation—Miss Florence Brewins, (a) "The Night Watch on the
 Charlotte Jane en route to New Zealand"; (b) "Nod De La Mare".
- 8.34 : Trumpet—Alex Harris and Hallie Orchestra, "A Trumpet Voluntary."
- 8.37 : Soprano—Miss Thelma Ayers, (a) "To My First Love" (Lohr); (b)
 "My Ain Fireside" (Kilner).
- 8.43 : Instrumental—Studio Instrumental Octet, Operatic Selection from
 "Faust" (Gounod).
- 8.55 : Tenor—Mr. J. A. Blyth, "E Lucevan Le Stelle" (from "Toscha").
- 9.1 : Weather Report and Station Notices.
- 9.3 : Band—H.M. Grenadier Guards, "New Sullivan Selection."
- 9.11 : Baritone—Mr. F. C. Penfold, "Not Understood" (Houghton); "Dawn"
 (Curran).
- 9.17 : Mandolin—Circolo Mandolinistico, "Les Millions D'Arlequin."
- 9.20 : Contralto—Miss Jean Johnson, (a) "Yonder" (Oliver); (b) "My
 Ships" (Barratt).
- 9.26 : Instrumental—Studio Instrumental Octet, (a) "Dance Triste" (Hahn);
 (b) "Scene De L'Essayagne" from "La Fete Chez Therese."
- 9.33 : Humorous Recitation—Miss Florence Brewins, "The Bobolink" (M.S.).

- 9.35: Soprano—Miss Thelma Ayers, "Everywhere I Look" (Carew); "Garden Gossips" (Ralph Cox).
 9.41: Two violins—Miss I. Morris and Mrs. A. H. Bills, "Suite for Two Violins" (Moszkowski).
 9.49: Tenor—Mr. J. A. Blyth, from "The Garden of Kama" (a) "Before the Dawn"; (b) "Request"; (c) "You Are My God" (Alma Goetz).
 9.55: Instrumental—Studio Instrumental Octet, (a) "Gipsy Airs" (Sarasate); (b) "Traumerel" (Schumann); (c) "Il Bacio" (Arditi).
 God save the King.

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

- 3.0 : Chimes. Selected gramophone items.
 3.15: Talk—Home Science Extension Department of Otago University, under auspices of 4YA Primary Productions Committee, "Meatless Meals."
 4.25: Sporting results.
 4.30: Close down.
 5.0 : Chimes. Children's hour, conducted by Big Brother Bill.
 6.0 : Dinner session, "H.M.V." hour.
 Instrumental—Royal Opera Orchestra, "Praeludium" (Jarnefeldt).
 Cello—Pablo Casals, "Melody in F" (Rubinstein) (DA833).
 Waltz—Royal Opera Orchestra, "Eugin Onegin" (Tschalkowsky).
 Balalaika Orchestra, "Shining Moon" (Russian Folk Song) (EA48).
 6.12: Tacet.
 6.15: Suite—Paul Whiteman's Orchestra, "Suite of Serenades" (Herbert).
 1—Spanish; 2—Chinese; 3—Cuban; 4—Oriental (EB26).
 Waltz—Philadelphia Symphony Orchestra, "Tales from the Vienna Woods" (Strauss) (ED2).
 6.27: Tacet.
 6.30: Instrumental—Royal Opera Orchestra, "Berceuse" (Jarnefeldt).
 Cello—Pablo Casals, "Traumerel" (Schumann) (DA833).
 Male quartet—The Rounders, "Chlo'e" (Kahn) (EA402).
 Instrumental—San Francisco Symphony Orchestra, (a) "Serenade" (Volkman); (b) "Flight of the Bumble Bee" (Rimsky-Korsakov).
 6.42: Tacet.
 6.45: Instrumental—Chicago Symphony Orchestra, (a) "Valse Triste" (Sibelius); (b) "Funeral March of a Marionette" (Gounod).
 March—San Francisco Symphony Orchestra, "Marche Militaire."
 6.57: Tacet.
 7.0 : News session.
 7.15: Talk—Mr. D. Tannock, Superintendent of Reserves, under auspices of 4YA Primary Productions Committee, "Ornamental Trees for the Farm."
 8.0 : Chimes.
 Selection—Select Four, "Bing Boys are Here" (Ayer).
 8.13: Male quartet—The Radions, "Rose of My Heart" (Lohr).
 8.20: Tenor—First Radion, (a) "Linden Lea" (Williams); (b) "La Donna e Mobile" (Verdi).
 8.26: March—Select Four, (a) "Japanese Wedding March" (Translatour).
 Valse Rubato—Select Four, (b) "Song D'Extase" (Chuckerbutty).
 8.33: Duet—Second and Third Radions, "Flow Gently Deva" (Parry).
 8.38: Piano with strings accompaniment—Mr. A. H. Pettitt, "The Clock and the Dresden Figures" (synopsis) (Ketelbey).
 8.43: Male quartet—The Radions, "Simon at the Fair" (Herbert).
 8.47: Two melodies—Select Four, "Moon Moths" Nos. 1 and 2 (Kussener).
 8.55: Bass—Fourth Radion, "Seagirt Land of My Home" (Monckton).
 8.59: Weather report.
 9.1 : Instrumental—Select Four, (a) "Spanish Dance" (Schmeling); (b) "An Evening in Toledo" (Schmeling).
 9.8 : Duet—First and Fourth Radions, "Love and War" (Unknown).
 9.13: March—Select Four, "Colonel Bogey" (Alford).
 9.17: Tenor—Second Radion, "Serenade" (Tostelli).
 9.20: Valse—Select Four, "Down the Vale" (Moir).
 9.25: Quartet—The Radions, "My Ain Folk" (Lemon).
 9.29: Baritone—Third Radion, "My Land of the Long White Cloud."
 9.32: Dance session, "Columbia."
 Foxtrot—Ben Selvin's Orchestra, "Broadway Melody" (Brown).
 Foxtrot—Leo Reisman's Orchestra, "My Castle in Spain is a Shack in the Lane" (Friend) (01544).
 Foxtrot—Broadway Nitelites, "You Were Meant for Me" (Brown).
 Foxtrot—The Knickerbockers, "That's the Good Old Sunny South."
 9.42: Entertainer—Norman Long, "What Did the Village Blacksmith Say?"
 Foxtrot—Ben Selvin's Orchestra, "He, She and Me" (Lombardo).
 Foxtrot—Paul Whiteman's Orchestra, "Louise" (Whiting) (07022).
 Foxtrot—Ipana Troubadours, "Deep Night" (Henderson) (01539).
 Waltz—Paul Whiteman's Orchestra, "Blue Hawaii" (Baer) (07021).
 Waltz—Paul Whiteman's Orchestra, "My Angeline" (Wayne) (07020).
 10.0 : Duet—Flotsam and Jetsam, "We Never Know What to Expect."
 Foxtrot—Piccadilly Players, "Make Believe" (Kern) (01408).
 Foxtrot—Jan Garber's Orchestra, "Guess Who?" (Davison) (01489).
 Foxtrot—Piccadilly Players, "Why Do I Love You?" (Kern) (01408).
 Foxtrot—Paul Specht's Orchestra, "My Annapolis and You."
 10.15: Organ—Frederic Curzon, "For Old Time's Sake" (de Sylva).
 Foxtrot—Gil Dech's Syncopators, "My Mammy" (Lewis) (01520).
 Foxtrot—Stellar Dance Band, "If I Had You" (Shapiro).
 Foxtrot—Harry Reser's Syncopators, "Here Comes the Show Boat."
 Foxtrot—Harry Reser's Syncopators, "Where Did You Get That Name?" (Klein) (01583).
 10.30: Entertainer—Norman Long, "Overture 1929" (Carlton) (01533).
 Foxtrot—Stellar Dance Band, "Just Imagine" (de Sylva).
 Foxtrot—Paul Whiteman's Orchestra, "Nola" (Ardnt) (07022).
 Foxtrot—Stellar Dance Band, "How About Me?" (Berlin).

- Foxtrot—Stellar Dance Band, "Dream House" (Cowan and Foxe).
 Waltz—Paul Whiteman's Orchestra, "Coquette" (Berlin) (07021).
 10.48: Duet—Flotsam and Jetsam, "When I Grow Old—Dad" (Flotsam and Jetsam) (01530).
 Foxtrot—Paul Whiteman's Orchestra, "Chinese Lullaby" (Boyers).
 Waltz—Gil Dech's Syncopators, "I'll Always be in Love With You."
 Waltzes—Stellar Dance Band, "Marie" (Berlin) (Regal G20486); and "Flower of Love" (Dreyer) (G20486).
 11.0 : God save the King.

Thursday, July 31

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

- 1.0 : Relay of Sale of Jersey Cattle from the Farm of Mr. A. E. Watkins, Takanini.
 3.0 : Afternoon session—Selected studio items.
 3.15: Home Science—"Poultry and Game." Talk prepared by Home Science Extension Service Otago University.
 3.30: Further Selected Studio items.
 4.30: Close down.
 5.0 : Children's Session, conducted by Peter Pan.
 6.0 : Dinner Session, "Columbia" Hour.
 Orchestral—Albert W. Ketelbey's Concert Orchestra, "Cockney Suite" Nos. 1 to 4 (Ketelbey). 1. A State Procession (Buckingham Palace); 2. The Cockney Lover (Lambeth Walk); 3. At the Palais De Dance (anywhere); 4. Elegy (Thoughts on passing the Cenotaph).
 6.13: Tacet.
 6.15: Orchestral—Albert W. Ketelbey's Concert Orchestra, "Cockney Suite No. 5—(Bank Holiday); ('Appy 'Amstead) (Ketelbey) (05054).
 Band—Regimental Band of H.M. Grenadier Guards, "Radio—Quick March" (Pecking) (01854).
 Orchestral—Jack Payne and the B.B.C. Dance Orchestra, "Say It With Songs, Selection Pts. 1 and 2" (de Sylva) (05029).
 6.28: Tacet.
 6.30: Orchestral—Albert W. Ketelbey's Concert Orchestra, "Jungle Drums Patrol" (Ketelbey) (05054).
 Organ solo—Emil Velazco, "Estrellita" (01795).
 Band—Debroy Somers' Band, "Hungarian Medley Pts. 1 and 2."
 6.43: Tacet.
 6.45: Orchestral—Albert W. Ketelbey's Concert Orchestra, "By the Blue Hawaiian Waters" Pts. 1 and 2 (Ketelbey) (05035).
 Organ solo—Emil Velazco, "La Golondrina" (01795).
 Band—Regimental Band of H.M. Grenadier Guards, "Fighting Strength" (Jordan) (01854).
 6.58: Tacet.
 7.0 : News and Market Reports.
 7.40: Talk—Mr. B. M. Richmond, "Life and Labour in the Nineteenth Century."
 8.0 : Chimes.
 Special Concert programme by the Auckland Orphans' Club Orchestra, under the Conductorship of Brother Harold Baxter, assisted by Brother Orphans.
 March—Auckland Orphans' Club Orchestra, (a) "Electric Girl."
 Overture—Auckland Orphans' Club Orchestra, (a) "Fantasie Overture."
 8.10: Baritone—Brother Edward Churchouse, "I Pitched My Lonely Caravan" (Coates).
 8.14: Moreenas, Auckland Orphans' Club Orchestra, (a) "Bells of St. Martin (Rondelle); (b) "A Nigger's Birthday" (Linke).
 8.21: Elocution—Humour—Brother Ned Fort, "Murphy Shall Not Sing Tonight" (Anonymous).
 8.25: Suite—Auckland Orphans' Club Orchestra, Tom Jones Dances: (a) "Morris Dance"; (b) "Gavotte"; (c) "Jig" (German).
 8.33: Tenor—Brother Alf. Fogerty, "Songs of Araby" (Clay).
 8.37: Selection—Auckland Orphans' Club Orchestra, (a) "Vagabond King." Flute and Horn Duet with Orchestra, Brothers Cater and Benn, (b) "Serenade" (Titl).
 8.50: Baritone—Brother Edward Churchouse, "Could I But Express in Song" (Malashkin).
 8.54: Selection—Auckland Orphans' Club Orchestra, "Mirella" (Gounod).
 9.2 : Evening Weather Forecast and Announcements.
 9.4 : Elocution—Brother Ned Fort, "Cricket at Killaloo" (Anon.).
 9.8 : Piccolo solo—Brother Vic. Cater, (a) "The Comet" (Brewer).
 Characteristic Piece, Auckland Orphans' Club Orchestra, (a) "The Coon's Patrol" (Lotter).
 9.16: Tenor—Brother Alf. Fogerty, "An Evening Song" (Blumenthal).
 9.20: Suite—Auckland Orphans' Club Orchestra, (a) "A Coon's Day Out"; (b) "Mornin'"; (c) "Afternoon"; (d) "Evening" (Baynes).
 March—Auckland Orphans' Club Orchestra, (b) "The Orphans."
 ("The Orphans" was composed for and dedicated to the Auckland Orphans' Club. Conducted by Composer.)
 9.31: Programme of Dance Music, "H.M.V."
 One Step—Jack Hylton and His Orchestra, "Moscow" (Evans) (B5728).
 Foxtrot—Jack Hylton and His Orchestra, "My Wife is on a Diet."
 Foxtrot—The High Hatters, "The Web of Love."
 Foxtrot—Charles Cornberger and His Orchestra, "Campus Capers."
 Foxtrot—Johnny Hamp's Kentucky Serenaders, "Sunny Side Up."
 Foxtrot—The High Hatters, "I'm in Love With You."
 9.48: Waltz—The Troubadours, "Alice Blue Gown."
 Waltz—Nat Shilkret and His Orchestra, "Dream Lover."

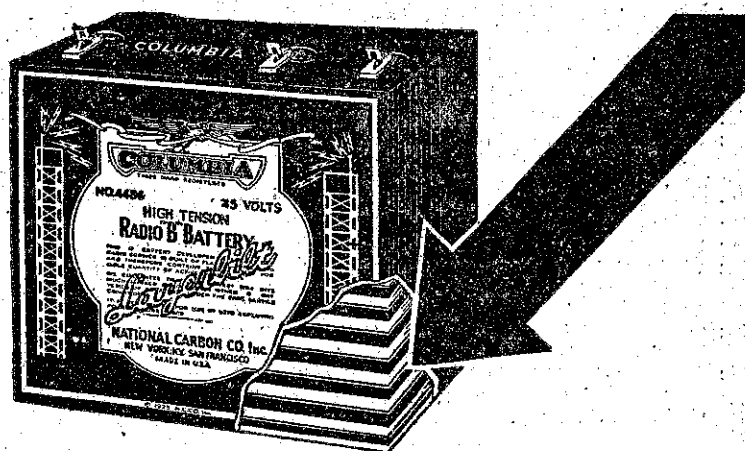
- 10.3 : Foxtrot—Nat Shilkret and His Orchestra, "Broadway Baby Dolls."
Foxtrot—Nat Shilkret and His Orchestra, "You Wouldn't Fool Me, Would You" (de Sylva-Brown-Henderson) (EA670).
Foxtrot—Rudy Vallee and His Connecticut Yankees, "A Little Kiss Each Morning" (Woods) (EA685).
Foxtrot—Henry Busse and His Orchestra, "After the Clouds Roll By."
10.15: Waltz—Nat Shilkret and Orchestra, "Until the End."
Waltz—Jack Hylton and His Orchestra, "My Sweetest Than Sweet."
Foxtrot—Nat Shilkret and His Orchestra, "Wishing and Waiting for Love" (Clarke-Akst) (B5689).
10.30: Foxtrot—Jack Hylton and His Orchestra, "Jollity Farm."
Foxtrot—The High Hatters, "Aren't We All" (de Sylva) (EA656).
Foxtrot—Jack Hylton and His Orchestra, "On Her Doorstep Last Night."
Foxtrot—The High Hatters, "You've Got Me Picking Petals off the Daisies" (de Sylva, Brown, Henderson) (EA656).
10.45: Waltz—The Troubadours, "Beautiful Lady."
Foxtrot—The High Hatters, "Nobody's Using It Now."
Foxtrot—Johnny Johnson and His Orchestra, "Just You Just Me."
Waltz—Nat Shilkret and Orchestra, "Love Me."
Foxtrot—Jack Hylton and His Orchestra, "Yours Sincerely."
Foxtrot—The High Hatters, "My Love Parade."
Foxtrot—Ted Weems and His Orchestra, "Sophomore Prom."
Foxtrot—Johnny Johnson and His Statler Pennsylvanians, "You're Responsible" (Clare-Levanti) (EA659).
Foxtrot—Ted Weems and His Orchestra, "I Don't Want Your Kisses" (If I Can't Have Your Love) (Fischer-Brookes) (EA654).
11.0 : God save the King.

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

- 3.0 : Chimes.
3.15 : Home science—"Poultry and Game." Talk prepared by Home Science Extension Service, Otago University.
3.30 and 4.30 : Sporting summary.
4.55 : Close down.
5.0 : Children's session, conducted by Uncle George.
6.0 : Dinner music, "H.M.V." hour.
Overture—National Symphony Orchestra, "Light Cavalry" (Suppe).
Waltz—Chicago Symphony Orchestra, "Roses of the South" (Strauss).
Cello—Pablo Casals, "Moment Musical" (Schubert) (DA776).
6.13 : Tacet.
6.15 : Hawaiian—Hilo Hawaiian Orchestra, (a) "Kawaihau Waltz" (Keala-kai); (b) "My Hula Love" (B2799).
Medley Waltz—The Troubadours, "Popular Songs of Yesterday."
Cello—Pablo Casals, "Le Cygne" (Saint-Saens) (DA776).
6.27 : Tacet.
6.30 : Waltzes—International Concert Orchestra, (a) "Merry Widow" (Lehar); (b) "Luxembourg Waltz" (Lehar) (Zono. EF9).
Violin and Guitar—Guilietta Morino, (a) "Harlequin's Serenade" (Drigo); (b) "Could I?" (Poggis) (Zono. EE134).
6.44 : Tacet.
6.45 : Instrumental—New Light Symphony Orchestra, (a) "Dancing Doll" (Poldini); (b) "At Dawning" (Cadmán) (B2629).
Wurlitzer organ—Jesse Crawford, "Carolina Moon" (Davis).
Instrumental—Royal Opera Orchestra, "The Sleeping Beauty."
6.58 : Tacet.
7.0 : News session, market reports and sports results.
7.40 : Lecturette—Mr. J. W. Fergie, Head Office, N.Z. Railways, "The Romance of the Main Trunk Railway."
8.0 : Chimes. Studio Concert by the Wellington Artillery Band (Conductor, Captain T. Herd), assisted by 2YA Artists.
March—The Band, "Ever Ready" (White).
Selection—The Band, "Der Freischütz" (arr. Greenwood).
8.14 : Soprano—Miss Gwladys Edwardes, (a) "Slow Horses Slow" (Mallinson); (b) "To An Isle in the Water" (Mallinson).
8.20 : Hawaiian Instrumental—Golden Hula Quintet, (a) "Lanihuli" (traditional); (b) "Doroly" (Porter).
8.27 : Baritone—Mr. Claude Moss, "A Celtic Lullaby" (Kennedy-Fraser).
8.31 : Euphonium—Bandsman S. N. Crisp, "La Sonnambula" (arr. Adolphe).
8.38 : Humour—Miss Gracie Kerr, "Wedding Whispers" (Newman).
8.41 : Tenor—Mr. William Renshaw, "She is Far from the Land."
8.48 : Contralto—Miss Nora Greene, "Ailsa Mine" (Newton).
8.52 : Waltz—The Band, "Queen of Emeralds" (Greenwood).
8.57 : Weather report and announcements.
8.59 : Lecturette—Representative, Music Week Committee, "Music Week Activities."
9.9 : Soprano—Miss Gwladys Edwardes, (a) "O Thank Me Not" (Mallinson); (b) "There Lies the Warmth of Summer" (Mallinson).
9.15 : Hawaiian instrumental—Golden Hula Quintet, (a) "Pagan Love Song" (Brown); (b) "Hula Blues" (Noble).
9.22 : Baritone—Mr. Claude Moss, "La Serenata" (Tosti).
9.26 : Selection—The Band, "The Bohemian Girl" (Balfe).
9.34 : Humour—Miss Gracie Kerr, "Baby's Photograph" (Anon).
9.40 : Orchestral—Zonophone Salon Orchestra, "Destiny Waltz" (Baynes).
9.43 : Contralto—Miss Nora Greene, (a) "A Prayer in Absence" (Brahe); (b) "O Flower Divine" (Wood).
9.49 : Serenade—The Band, "Lovelight" (Adams).
9.56 : Tenor—Mr. William Renshaw, (a) "As You Pass By" (Russell); (b) "Red Devon by the Sea" (Clarke).
10.2 : Characteristic piece—The Band, "Mandy's Wedding" (Johnson).
Two-step—"Get Out and Get Under" (Hume).
10.10 : God save the King.

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

- 3.0 : Afternoon session—Gramophone recital.
3.15 : Home science—"Poultry and Game." Talk prepared by the Home Science Extension Department, Otago University.
3.30 : Continuation of gramophone recital.
4.30 : Close down.
5.0 : Children's hour, "Ladybird and Uncle Frank."
6.0 : Dinner session, "H.M.V." hour.
Orchestral—New Light Symphony Orchestra, "Scene de Ballet—Mari-onettes" (Glazounov) (B2754).
Orchestral—Berlin State Opera Orchestra, "Polonaise No. 2" (Liszt, arr. Buller-Berghaus) (D1625).
Violin—Misha Elman, "Vocalise" (Rachmaninoff) (DA1033).
6.13 : Tacet.
6.15 : Orchestral—National Symphony Orchestra, "Fra Diavolo Overture, Parts 1 and 2" (Auber) (Zono. 5461).
Piano—Vladimir de Pachmann, (a) "Mazurka in C Sharp Minor, Op. 63, No. 3"; (b) "Mazurka in A Minor, Op. 67, No. 4" (Chopin).
Trio—De Groot, (a) (violin, David Bor (piano), H. M. Calve (cello), "El Religario" (Padilla) (B3107).
6.28 : Tacet.
6.30 : Band—Band of H.M. Coldstream Guards, "Martha Selection" (Flotow).
Violin—Misha Elman, "Caprice in E Flat Major" (Wienlawski, arr. Kreisler) (DA1033).
Orchestral—New Symphony Orchestra, "Air on G String" (Bach).

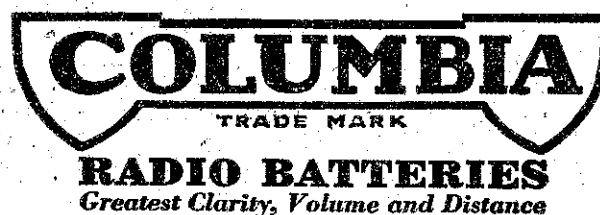


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- 6.43: Tacet.
- 6.45: **Orchestral**—New Light Symphony Orchestra, "Perañage" (Francis).
Orchestral—New Symphony Orchestra, "Londonderry Air."
Trio—De Groot (violin), David Bor (piano), H. M. Calve ('cello),
 "Selection in Hebrew Melodies" (arr. Saunders) (B3107).
Piano—Vladimir de Pachmann, "Nocturne in E Minor, Op. 72."
- 6.58: Tacet.
- 7.0: News session.
- 7.30: **Talk**—"Winter Care of Fruit Trees," prepared by Mr. S. Frew, Department of Agriculture.
- 8.0: **Chimes**.
Overture—New Symphony Orchestra, "Children's Overture" (Quilter).
- 8.13: **Quartet (vocal)**—The Melodious Four, "Swing Low Sweet Chariot."
Baritone—Mr. T. D. Williams, (a) "Kishmul's Galley" (Marjory);
 (b) "The Skye Fisher" from "Songs of the Hebrides."
Piano—Miss Bessie Pollard, "Rhapsody" (John Ireland).
- 8.21: **Piano**—Miss Frances Hamerton, (a) "The Wait" (Douglas Taylor);
 (b) "My Heart is Like a Singing Bird" (Parry).
- 8.28: **Soprano**—Miss Frances Hamerton, (a) "The Wait" (Douglas Taylor);
 (b) "My Heart is Like a Singing Bird" (Parry).
- 8.32: **Instrumental**—Studio Instrumental Octet (Conductor, Mr. Harold Beck), "Italians in Algeria" (Rossini).
- 8.40: **Contralto**—Miss Belle Renault, "Sombre Grove" (Lully).
- 8.43: **Cello**—Pablo Casals, "Moment Musical" (Schubert) (H.M.V. DA776).
- 8.46: **Duet, soprano and tenor**—Melodie Duo, "Greeting" (Mendelssohn).
- 8.49: **Instrumental**—Studio Instrumental Octet, (a) "Waltz"; (b) "Intermezzo" (Cyril Scott); (c) "Passaglia."
- 8.56: **Vocal quartets**—The Melodious Four, (a) "Hunting of the Snail"; (b) "Lullaby and Willie Winkle" from "Nursery Rhymes" (Davies).
- 9.0: Weather report and station notices.
- 9.2: **Band**—National Military Band, "Ben Hur" (Byng) (Zono, A365).
- 9.6: **Tenor**—Mr. Russell Sumner, "Eriskay Love Lilt" (Kennedy-Fraser).
- 9.9: **Contralto and bass**—Melodious Duo, "Still as the Night" (Bohm).
- 9.12: **Piano**—Miss Bessie Pollard, "First Movement of Italian Concerto."
- 9.17: **Soprano**—Miss Frances Hamerton, "Child and the Twilight" (Parry).
- 9.20: **Instrumental**—Studio Instrumental Octet, "Gressenhall Suite." (a) —Preamble; (b)—A Norfolk Folk Tune; (c)—Slow Air; (d)—Jig and Finale (Cunningham Woods).
- 9.31: **Tenor**—Mr. Russell Sumner, "Barra Love Lilt" (Kennedy-Fraser).
- 9.34: **Cello**—Pablo Casals, "Le Cygne" (Saint-Saens) (H.M.V. DA776).
- 9.37: **Bass**—Mr. T. D. Williams, "Song of the Breakers" (Gordon).
- 9.40: **Violin and instrumental octet**—Miss Thelma Cusack and Studio Instrumental Octet, (a) "Meditation" (Glazounov); (b) "La Fenetre D'Amour" (de Severac).
- 9.48: **Contralto**—Miss Belle Renault, "The Asra" (Rubinstein).
Vocal quartet—The Melodious Four, "Cradle Song" (Brahms).
- 9.54: **Instrumental**—Studio Instrumental Octet, "Tempo di Menuetto" from "Septet" (Beethoven), "Spanish Dance" (Moszkowski).
 God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, JULY 31.

SILENT DAY.

Friday, August 1

1YA, AUCKLAND (900 KILOCYCLES)—FRIDAY, AUGUST 1.

- 3.0: Afternoon session—Selected studio items, including literary selection by the Announcer.
- 4.30: Close down.
- 5.0: Children's session, conducted by "Nod" and "Aunt Jean."
- 6.0: Dinner session—"Columbia" Hour:
Orchestral—Squire Celeste Octet, "Peter Pan" Selection" (Crook).
Cello—Gaspar Cassado, "Chanson Villageois" (Popper) (03595).
Orchestral—Columbia Symphony Orchestra, "Scarf Dance" (01371).
- 6.13: Tacet.
- 6.15: **Orchestral**—Debroy Somers' Band, "The Desert Song" (Romberg).
Cello—Gaspar Cassado, "Menuet" (Haydn, arr. Burmester-Moffatt).
Male choir—Sheffield Orpheus Male Choir, "Hymn Before Action."
- 6.28: Tacet.
- 6.30: **Orchestral**—Halle Orchestra, "Rosamunde Ballet" (Schubert): (1) Andantino, (2) Allegro Moderato, (3) Andante un poco assai.
Instrumental—Paul Whiteman and His Orchestra, "Christmas Melodies" ("Noel" and "Adeste Fideles") (07511).
- 6.43: Tacet.
- 6.45: **Orchestral**—Columbia Symphony Orchestra, "The Flatterer" (01371).
Zurich Tonhalle Orchestra, "Gavotte from 'Idomeneo'" (Mozart).
Paul Whiteman and His Orchestra, "Silent Night, Holy Night" (07511).
Male choir—Sheffield Orpheus Male Choir, "The Long Day Closes."
- 6.58: Tacet.
- 7.0: News and market reports.
- 7.40: **Talk**—Mr. W. E. G. Wheeler, "Esperanto."
- 8.0: **Chimes**. **Instrumental trio**—Studio Trio, "Canzonetta from Concerto Romantique" (Godard).
- 8.7: **Mezzo-soprano and baritone**—Madame Mary Towsey and Mr. John Bree, "Thirty-minute Song Cycle" (Coleridge-del Riego).

"Glory"—Hope.

1. "Callow Care" (mezzo and baritone).

"Fulfillment."

1. "Up Through Love's Infinite Ascent" (baritone).
2. "The Joys Laid Up Hereafter" (mezzo-soprano).

"Separation."

1. "The Seaweed in the Dim-lit Cave" (baritone).
2. "Sink, Sink, Red Sun, into the West" (mezzo and baritone).

"Reunion."

1. "Music in a Rhythmic Measure" (baritone).
2. "I've a Cottage down out Devon Way" (mezzo-soprano).

"Loss."

1. "Fair Daughter of a Traitor Race" (baritone).
2. "Dear, is it nothing, all the years" (mezzo-soprano).

- 8.37: **Violin solo**—Miss Ina Bosworth, "Humoreske" (Aullin).
- 8.42: **Talk**—Mr. A. B. Chappell, M.A., "Topical Talk."
- 8.57: Evening weather forecast and announcements.
- 8.59: **Instrumental trio**—Studio Trio, "First movement, Trio E Major" (Haydn).
- 9.9: **Contralto**—Miss Hinemoa Rosieur, "Poet's Life" (Elgar).
- 9.13: **Violin solo**—Miss Ina Bosworth, (a) "Waltz in A Major" (Brahms-Hochstein).
Instrumental trio—Studio Trio, (b) Waltz "A la Bien-Aimee" (Schutt).
- 9.23: **Contralto**—Miss Hinemoa Rosieur, (a) "By the Fireside" (Bantock),
 (b) "The Willow Song" (Coleridge-Taylor).
- 9.30: **Gramophone lecture-recital**—Mr. Karl Atkinson, "Stars of the Record World."
- 10.0: God Save the King.

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

- 3.0: Chimes. Selected studio items.
- 3.30 and 4.30: Sporting summary.
- 4.55: Close down.
- 5.0: Children's Hour, conducted by "Big Brother Jack."
- 6.0: Dinner music session—"Columbia" Hour:
Intermezzo—Milan Symphony Orchestra, "Cavalleria Rusticana."
Selection—Herman Finck's Orchestra, "Schubertiana" (arr. Finck).
- 6.12: Tacet.
- 6.15: **Selection**—Herman Finck's Orchestra, "Schubertiana" (02722).
Marimba orchestra—Rio Marimba Orchestra, "Three O'Clock in the Morning" (Robledo) (02685).
- 6.27: Tacet.
- 6.30: **Bayreuth Festival Orchestra**, "Siegfried—Prelude Act 3" (Wagner).
Waltz—Eddie Thomas's Collegians, "Moments With You" (Shilkret).
Waltz—Eddie Thomas's Collegians, "Moonlight on the Danube" (Gay).
Wurlitzer organ—Stanley MacDonald, "La Rosita" (Dupont) (G20391).
- 6.43: Tacet.
- 6.45: **Selection**—Regal Orchestra, "Pagliacci" (Leoncavallo) (G30007).
Rio Marimba Orchestra, "My Isle of Golden Dreams" (Blaufuss).
- 6.57: Tacet.
- 7.0: News session, market reports and sports results.
- 7.40: **Lecturette**—Mr. A. J. Heighway, Editor "N.Z. Dairy Exporter" and "Radio Record." "What About This Empire?"
- 8.0: **Chimes**. From the Victoria University College: A relay of a debate by the Victoria University College Debating Society. Teams from the Society will discuss the following motion:—"That the World is Not Really Progressing."
 God Save the King.

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

- 3.0: Afternoon session—Gramophone recital.
- 4.25: Sports results.
- 4.30: Close down.
- 5.0: Children's Hour—"Chuckle."
- 6.0: Dinner session—"Columbia" Hour:
Orchestral—Finck's Orchestra, "Gaiety Echoes" (Caryll-Monckton).
Orchestral—Sandler's Orchestra, "Las Lagarteranas" (01634).
Violin—Lipschultz, "La Golondrina" (Sorradeil) (Regal G20489).
- 6.13: Tacet.
- 6.15: **Instrumental**—Squire's Celeste Octet, "Everybody's Melodies" (02896).
Organ—John Hassel, "By the Waters of Minnetonka" (Regal G20516).
Orchestral—Sandler's Orchestra, "Raphaelito" (01634).
- 6.28: Tacet.
- 6.30: **Orchestral**—Regal Kinema Orchestra, "Broadway Selection" (02990).
Violin—Lipschultz, "Estrellita" (Ludlow) (Regal G20489).
Orchestral—Romani and Italian Orchestra, "Old Comrades March."
- 6.43: Tacet.
- 6.45: **Orchestral**—Berlin State Orchestra, "Die Fledermaus" (Strauss).
Orchestral—Nullo Roman's Orchestra, "Canto Al Inverno" (Regal).
Orchestral—Russian Novelty Orchestra, "Tesoro Mio" (Becucci).
- 6.58: Tacet.
- 7.0: News session.
- 8.0: **Chimes**. **Overture**—Columbia Symphony Orchestra, "March of the Toys" (Herbert) (Columbia 02651).
- 8.4: **Baritone**—Mr. A. G. Thompson, "Simon the Cellarer" (Hatton).
- 8.8: **Soprano**—Mrs. W. B. Harris, (a) "A Little Coon's Prayer" (Hope),
 (b) "Mah Lindy Lou" (Strickland).

- 8.14: 'Cello—Mr. Harold Beck, "Serenade" (Squire).
 8.17: Duet, contralto and baritone—The Dulcet Duo, "The Spider and the Fly" (Smith).
 8.20: Tenor—Mr. Syd. Andrews, "I Passed By Your Window" (Brahe).
 8.24: Instrumental—Christchurch Broadcasting Trio, (a) "Forget Me Not" (Macbeth), (b) "Serenade" (Titl), (c) "La Lisonjero."
 8.35: Contralto—Miss Nellie Lowe, "If I Might Come to You" (Squire).
 8.38: Humorous recitation—Mr. George Titchener, "The Operatic Policeman"
 8.43: Baritone—Mr. A. G. Thompson, (a) "If All the Young Maidens" (Lohr), (b) "Up in the Saddle" (Wallace).
 8.48: 'Cello—Mr. Harold Beck, "Gavotte" (Popper).
 8.52: Soprano—Mrs. W. B. Harris, "The Little Damsel" (Ivor Novello).
 8.55: Tenor—Mr. Syd. Andrews, (a) "Friend o' Mine" (Sanderson), (b) "Keep on Hopin'" (Heron Maxwell).
 9.2: Weather report and station notices.
 9.4: Duet (contralto and baritone)—The Dulcet Duo, "Love is Meant to Make Us Glad" (German).
 9.8: Instrumental—Christchurch Broadcasting Trio, (a) "Chant d'Amour" (Ziszychi), (b) "Les Rameaux" (Faure), (c) "Romance" (Van Goens).
 9.18: Contralto—Miss Nellie Lowe, "When You're Away" (Sanderson).
 9.22: Humorous—Mr. George Titchener, "For Months and Months and Months" (Smiles).
 9.30: Dance music until 11 p.m.—"Columbia."
 Foxtrot—Broadway Nitelites, "You're the Cream in My Coffee" (01663).
 Foxtrot—Denza Dance Band, "A Lane in Spain" (Lewis and Lombardo).
 Foxtrot—Benson All-Star Orchestra, "To Know You is to Love You."
 Foxtrot—The Piccadilly Players, "The Five O'Clock Girl" (Happy-Go-Lucky Bird) (Kalmar and Ruby) (01492).
 Vocal—Will Fyffe, "She was the Belle of the Ball" (Will Fyffe).
 9.45: Foxtrot—The Piccadilly Players, "The Five O'Clock Girl" (Who did? You did) (Kalmar and Ruby) (01492).
 Foxtrot—Rhythmic Troubadours, vocal refrain, "Revolutionary refrain, "Revolutionary Rhythm" (Davis, Coots, Spier) (G20600).
 Foxtrot—Ipana Troubadours, "S Wonderful" (Gershwin). (01306).
 Foxtrot—Ipana Troubadours, "I'll Get By" (As long as I have You).
 Foxtrot—Debroy Somers' Band, "Without You, Sweetheart" (01249).
 Foxtrot—Paul Specht and Orchestra, vocal trio, "Hittin' the Ceiling."
 10.3: Vocal—Charles Lawman and novelty accompaniment, "Oh! Sweetheart, where are You To-night?" (Davis and Coots) (Regal G20562).
 Foxtrot—Rudy Vallee, "Outside" (Flynn) (Regal G20570).
 Foxtrot—Denza Dance Band, "One Summer Night" (Coslow and Spier).
 Foxtrot—Swain's Cafe Royal Band, "It Goes Like This, That Funny Melody" (Caesar-Friend) (Regal G20570).
 10.15: Waltz—Selvin's Orchestra, "Ramona" (Wayne-Gilbert) (01137).
 Foxtrot—Bernie's Orchestra, "I Want to Meander in the Meadow."
 Foxtrot—Midnight Revellers, "The Moonlight March" (Regal G20522).
 Foxtrot—Bernie's Orchestra, "Where the Bab-bab-babbling Brook."
 Foxtrot—Paul Specht and Orchestra, vocal refrain, "Sing a Little Love Song" (Gottler-Mitchell) (01629).
 10.30: Vocal—Charles Lawman and novelty accompaniment, "When We Get Together in the Moonlight" (Rose, Ryan, and Violinsky) (Regal).
 Waltz—The Cavaliers, "Sleepy Valley" (Hanley-Sterling) (01688).
 Foxtrot—Lombardo's Royal Canadians, "You Made Me Love You."
 Foxtrot—Rhythmic Troubadours and vocal refrain, "When the Real Thing Comes Your Way" (Spier and Coslow) (Regal G20600).
 Foxtrot—Lombardo's Royal Canadians, "You Belong to Me, I Belong to You" (Lombardo-Newman) (01690).
 Foxtrot—Midnight Revellers, "Sweetheart's Holiday" (Robinson-Kahal).
 10.48: Waltz—The Cavaliers, "Recollections" (Rapee-Pollack) (01688).
 Waltz—Swain's Band, "Sleep, Baby, Sleep" (Tucker-Schuster) (Regal).
 Foxtrot—Selvin's Orchestra, "In My Bouquet of Memories" (01137).
 Waltz—Swain's Band, "Heigh Ho! Everybody, Heigh Ho!" (Regal).
 11.0: God Save the King.

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

- 3.0: Chimes. Selected Gramophone items.
 3.15: Talk—Miss Buccleugh, "Fashions."
 4.30: Close down.
 5.0: Chimes. Children's hour, conducted by Aunt Sheila.
 6.0: Dinner music, "Columbia" hour.
 Selection—Court Symphony Orchestra, "The Windmill Man" (02909).
 J. H. Squire's Celeste Octet, "Scene de Ballet" (de Beriot, arr. Sear).
 Halle Orchestra, "Hungarian Dance, No. 5 in G Minor" (Brahms).
 6.13: Tacet.
 6.15: Plaza Theatre Orchestra, "The Three Bears Phantasy" (Coates).
 J. H. Squire's Celeste Octet, "A Vision of Christmastide" (Harrison).
 6.27: Tacet.
 6.30: Regimental Band of H.M. Grenadier Guards, "La Benediction des Poignards" (Meyerbeer) (02931).
 Bournemouth Municipal Orchestra, "Echoes of the Valley" (Gennin).
 J. H. Squire's Celeste Octet, "Second Movement from 'Symphonie Pathetique'" (Tchaikowsky, arr. Robertson) (02937).
 Halle Orchestra "Hungarian Dance No. 6 in D" (Brahms) (01677).
 6.43: Tacet.
 6.45: Bournemouth Municipal Orchestra, "The Merry Brothers" (Gennin).
 Regimental Band of H.M. Grenadier Guards, "Lo, Here the Gentle Lark" (Bishop, arr. Godfrey) (02931).
 Herman Finck's Orchestra, "Christmas Memories" (arr. Finck).
 6.58: Tacet.
 7.0: News session.

- 8.0: Chimes.
 Overture—New Symphony Orchestra, "Children's Overture" (Quilter).
 8.13: Tenor—Mr. J. Kennedy, "Who is Sylvia?" (Schubert).
 8.17: Instrumental—4YA Trio, "1st Movement from Trio in C Minor."
 8.27: Recital—Miss Tui Northey, "Sir Patrick Spens" (Anon) (Old Scotch Ballad).
 8.31: Soprano—Mrs. D. Carty, (a) "When Song is Sweet" (Sans Souci); (b) "At Dawning" (Elerhart).
 8.38: Violin—Mr. J. A. Wallace, (a) "Meditation" (Massenet); (b) "Mazurka" (Musin).
 8.46: Bass—Mr. Jack Clark, "Vulcan's Song" (Gounod).
 8.49: Piano—Mrs. C. Drake, "Finale Etudes Symphonie" (Schumann).
 8.54: Contralto—Miss M. Howden, (a) "Country Folk" (Brake); (b) "Ain Wee Hoose" (Munro).
 9.0: Weather report.
 9.2: Orchestral—Berlin State Opera Orchestra, "Polonaise No. 2".
 9.10: Tenor—Mr. J. Kennedy, (a) "Columbine's Garden" (Besley); (b) "The Dream" (Rubinstein).
 9.16: Instrumental—4YA Trio, "2nd Movement from Trio in A" (Chaminade).
 9.24: Recital—Miss Tui Northey, "The Two Courtians" (Kennedy).
 9.30: Soprano—Mrs. D. Carty, "Bonnie Wee Thing" (Burns).
 9.34: 'Cello—Beatrice Harrison, "Viennese Melody" (Kreisler).
 9.38: Bass—Mr. Jack Clark, (a) "Blow, Blow, Thou Winter Wind" (Sergeant); (b) "The Two Grenadiers" (Schumann).
 9.44: Instrumental—4YA Trio, (a) "Romance" (Oelschlegel); (b) "Serenade" (Schubert); (c) "Serenata" (Moszkowski).
 9.55: Contralto—Miss M. Howden, "Curly-Headed Baby" (Cluisam).
 9.58: Orchestral—Boston Symphony Orchestra, "Wiener Blut" (Strauss).
 10.2: God save the King.

Saturday, August 2

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

- 3.0: Relay—Rugby Football Match from Eden Park.
 4.30: Close down.
 5.0: Children's session, conducted by Cinderella.
 6.0: Dinner session, "Brunswick" hour.
 Orchestral—Brunswick Concert Orchestra, "Dance of the Hours."
 Orchestral—A. and P. Gypsies, "Herbertiana" (Stone) (4287).
 Violin—Frederic Frankin, "Le Cygne" (Saint-Saens) (4528).
 Orchestral—Brunswick Concert Orchestra, "Badinage" (Herbert).
 Orchestral—A. and P. Gypsies, "The Faraway Bells" (Furber-Gordon).
 6.14: Tacet.
 6.15: Orchestral—Brunswick Concert Orchestra, "Wine, Women and Song."
 Orchestral—Anglo-Persians, "Cossack Love Song" (Katzman) (4483).
 Violin—Frederic Frankin, "Nola" (Arndt) (4318).
 Orchestral—Ray Miller and His Orchestra, "Iowa Corn Song."
 6.28: Tacet.
 6.30: Orchestral—A. and P. Gypsies, (a) "White Acacia"; (b) "Petite Causerie" (Stone) (4287).
 Orchestral—Brunswick Concert Orchestra, "Thousand and One Night."
 Orchestral—A. and P. Gypsies, "Simple Confession" (Thome) (4442).
 Orchestral—Ray Miller and His Orchestra, "Go You North-western."
 6.43: Tacet.
 6.45: Orchestral—Brunswick Concert Orchestra, "La Danseuse" (Von Blon).
 Orchestral—Brunswick Concert Orchestra, "Hungarian Lutspliel."
 Violin—Frederic Frankin, "A Kiss in the Dark" (de Sylva) (4318).
 Orchestral—Anglo-Persians, "Ragamuffin" (Greer) (4483).
 6.58: Tacet.
 7.0: News and market reports.
 8.0: Chimes.
 Overture—De Groot and His Orchestra, "Waldteufel Memories."
 8.9: Contralto—Mrs. Daisy Basham, (a) "'Tis I" (Pinsuti); (b) "In My Garden" (Liddle).
 8.16: Waltz—1YA Orchestral Octet, under direction of Mr. Eric Waters, "Dolores" (Waldteufel).
 8.24: Elocution humour—Mr. G. T. Tollerton, "The Play" (Dennis).
 8.28: Concertina—Mr. Robert McKnight, March, "Under the Double Eagle" (Wagner); Valse brilliant, "Ah, Che Assorta" (Vanzano).
 8.34: Orchestral—1YA Orchestral Octet, (a) "Pizzicato Polka" (Strauss); (b) "Aubade Printamere" (Lacombe).
 8.42: Organ—Jesse Crawford, "Amapola" (Poppy) (H.M.V. EA488).
 8.49: Vocal duet—Mrs. Daisy Basham and Mr. Arthur Briggs, "Tell Her I Love Her So" (de Faye).
 8.53: Descriptive piece for solo piano and orchestra—1YA Orchestral Octet, "The Clock and the Dresden Figures" (Ketelbey). Two Dresden china figures standing on each side of a clock come to life and dance to the ticking of the clock. The clock goes wrong, the spring breaks suddenly, and the figures rush back to their former positions.
 8.58: Evening weather forecast and announcements.
 9.0: Band—H.M. Coldstream Guards, "A Musical Switch" (Alford).
 9.8: Baritone—Mr. Arthur Briggs, (a) "Will o' the Wisp" (Cherry); (b) "Good Company" (Adams).
 9.13: Orchestral—1YA Orchestral Octet, "Latest Novelties."
 9.23: Concertina—Mr. Robert McKnight, "Scotch Airs" (arr. Loraine), (a) "Auld House"; (b) "The Bonnie Banks of Loch Lomond"; "Scotland Yet."
 9.30: Elocution humour—Mr. G. C. Tollerton, "The Cockney" (own composition).
 9.35: Organ—Jesse Crawford, "A Dream" (Bartlett) (H.M.V. EA488).

- 9.38: Vocal duet—Mrs. Daisy Basham and Mr. Arthur Briggs, "If Only All the World had been Made for You and Me," from "The Cingalee."
 9.42: Banjo—Mario de Pietro, "Frivolous Joe" (de Pietro) (H.M.V. B2820).
 Mandolin—"Concert Mazurka" (Galace) (H.M.V. B2820).
 9.48: Selection—1YA Orchestral Octet, Musical Comedy, "The Girl Behind the Counter" (Talbot).
 10.0: Programme of Dance Music from the Studio, "Columbia."
 Foxtrot—Ipana Troubadours, "Building a Nest for Mary" (Greer).
 Slow foxtrot—Piccadilly Players, "Bogey Wail" (Wallace) (01567).
 Foxtrot—Ipana Troubadours, "I Used to Love Her in the Moonlight."
 Waltz—Rhythmic Troubadours, "My Irish Paradise" (Tilsley).
 10.12: Vocal duet—Layton and Johnstone, "Lady Divine" (Shilkret).
 Foxtrot—Piccadilly Players, "I'll Always be Mother's Boy" (Green).
 Foxtrot—Paul Whiteman's Orchestra, "When My Dreams Come True."
 Foxtrot—Piccadilly Players, "There'll Be You and I" (Green).
 Foxtrot—Piccadilly Players, "I'm Ticked to Death I'm Me" (Butler).
 10.27: Kinema organ—Regal Kinema Organ, "Long Ago" (Ellhoff).
 Foxtrot—Lou Gold's Orchestra, "Walking with Susie" (Gottler).
 Foxtrot—Paul Whiteman and His Orchestra, "Reaching for Someone."
 Foxtrot—Bert Lown's Lounge, "Big City Blues" (Gottler).
 Waltz—Cafe Royal Band, "Forever" (Yellen) (Regal G20551).
 Waltz—The Cavaliers, "My Dear" (Kahn) (01646).
 10.45: Vocal solo—Ruth Etting, "You're the Cream in My Coffee" (de Sylva).
 Foxtrot—Paul Whiteman's Orchestra, "S'posin'" (Razaf) (07027).
 Foxtrot—Piccadilly Players, "My Mother's Eyes" (Baer) (01646).
 Foxtrot—Paul Whiteman's Orchestra, "Laughing Marionette" (Collins).
 Foxtrot—Lou Gold's Orchestra, "Breakaway" (Gottler).
 11.0: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SATURDAY, AUGUST 2.

- 3.0: Chimes.
 Description of football match, relayed from Athletic Park. Announcer, Mr. Chas. Lamberg.
 5.0: Children's Session, conducted by Uncle Toby.
 6.0: Dinner Music Session, "Columbia" Hour.
 March—National Military Band, "National Emblem."
 Cello—W. H. Squire, "The Broken Melody" (Van Biene) (04180).
 Albert Sanders' Orchestra, "I Kiss Your Hand, Madame."
 Kinema Organ—G. T. Pattman, "Cherie Waltz" (Valentine) (01344).
 6.12: Tacet.
 6.15: Court Symphony Orchestra, "The Gondoliers" (Sullivan) (979).
 Paul Whiteman's Orchestra, "Gypsy" (Gilbert) (07505).
 6.27: Tacet.
 6.30: Albert Sanders' Orchestra, "Chalita" (Schertzing) (01467).
 Padilla's Marimba Serenaders, "Paree" (Padilla) (Regal G20344).
 Piano—Gil Dech, "Sometimes I'm Happy" (Youmans) (01205).
 Royal Serbian Tambouritz Orchestra, "Serbian Melody" (01490).
 6.42: Tacet.
 6.45: Intermesso—Ketelbey's Orchestra, "Bells Across the Meadow."
 Rio Marimba Serenaders, "Dolores Waltz" (Waldteufel) (G20344).
 Organ—G. T. Pattman, "Worryin' Waltz" (Fairman) (01344).
 March—National Military Band, "Stars and Stripes" (Sousa) (01153).
 6.57: Tacet.
 7.0: News Session, Market Reports and Sports Results.
 7.40: Lecturette—Mr. W. M. Jackson, "Garden Hint and the Cultivation of Potatoes."
 8.0: Chimes.
 From the Concert Chamber, Town Hall, a relay of the Wellington Harmonic Society's Second Concert of the 1930 season.
 Conductor, Mr. H. Temple White.
 Accompanist: Mr. Clement Howe.
 Part song—The Choir, "When Summer's Merry Days Come In."
 Part song—The Choir, "Still As The Night" (Bohm).
 Violins and Piano—Mr. and Mrs. Eric Meier and Miss Elsa Walter, "Allegro Energico," "Allegro Moderato" from "Suite."
 Part song—The Choir, "Folly's Song" (Fletcher).
 Contralto—Miss Hilda Chudley, "It is a Wonderful Mystery" (Ries).
 Part song—(Female Voices) The Ladies, "Fly, Singing Bird" (Elgar) (with accompaniment for two violins and piano).
 FROM THE STUDIO—
 Weather Report and Announcements.
 Lecturette—Representative, Music Week Committee, "Music Week Activities."

FROM THE TOWN HALL—

- Part song—The Choir, "Come, Pretty Wag, and Sing" (Parry).
 Part song—The Choir, "Vocal Pavan" (Rowley).
 Violins and piano—Mr. and Mrs. Eric Meier, and Miss Elsa Walter, "Donleur" (Juon), "Bizarrie" (Juon).
 Negro Spiritual—The Choir, "Jesus Walked This Lonesome Valley."
 Part song—The Choir, "All In The April Evening" (Robertson).
 Contralto—Miss Hilda Chudley, "As a Dream" (Landon-Ronald).
 March—The Choir, "Hail, Bright Abode" from "Tannhauser."
 FROM THE STUDIO—
 10.0: Dance programme, "Brunswick" Hour.
 Foxtrot—Tom Gerunovich and His Roof Garden Orchestra, "Am I Blue?"
 Foxtrot—Carl Fenton and His Orchestra, "Laughing Marionette."
 Foxtrot—Roger Wolfe Kahn and His Orchestra, "Twas Not So Long Ago" (Hammerstein 2nd Kern) (4614).
 Foxtrot—Ray Miller and His Orchestra, "That's Where You Come In."
 10.12: Foxtrot—Roy Ingraham and His Orchestra, "Like a Breath of Springtime" (Dubin-Burke) (4541).

- Foxtrot—Carl Fenton and His Orchestra, "Sweetness."
 Foxtrot—Roger Wolfe Kahn and His Orchestra, "Don't Ever Leave Me" (Hammerstein-Kern) (4614).
 Foxtrot—Roy Ingraham and His Orchestra, "Deep in the Arms of Love" (Davis-Ingraham) (4544).
 Vocal—Charles King, "Happy Days Are Here Again."
 10.27: Foxtrot—Roger Wolfe and His Orchestra, "Why Was I Born?"
 Foxtrot—Ray Miller and His Orchestra, "In a Kitchenette."
 Foxtrot—Roger Wolfe Kahn and His Orchestra, "Here Am I!"
 Foxtrot—Ray Miller and His Orchestra, "Ain't You Baby?"
 Foxtrot—Tom Gerunovich and His Orchestra, "Let Me Have My Dreams" (Clarke-Akst) (4429).
 Waltz—Jesse Stafford and His Orchestra, "A Bundle of Old Love Letters" (Freed-Brown) (4659).
 10.45: Vocal—June Pursell, "Never Say Die" (Robin-Chase) (4635).
 Foxtrot—Jesse Stafford and His Orchestra, "Only Love is Real."
 Vocal—June Pursell, "The Album of My Dreams."
 Foxtrot—Jesse Stafford and His Orchestra, "Should I?"
 Foxtrot—Henry Lange and His Baker Hotel Orchestra, "Somebody Loves Me" (MacDonald-de Sylva) (4478).
 11.0: Sports Summary.
 11.10: God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SATURDAY, AUGUST 2.

- 3.0: Afternoon session, gramophone recital.
 4.25: Sports results.
 4.30: Close down.
 5.0: Children's hour, "Aunt Pat and Birdman."
 6.0: Dinner session, "H.M.V." hour.
 Waltz—International Concert Orchestra, "Over the Waves" (Rosas).
 Orchestral—Paul Whiteman and His Concert Orchestra, "High Water."
 Hawaiian—Hilo Hawaiian Orchestra, "My Hula Love" (Kealakai).
 Orchestral—Zonophone Salon Orchestra, "Simple Aveu" (Thome).
 6.13: Tacet.
 6.15: Orchestral—Paul Whiteman and His Orchestra, "Mississippi Suite."
 Organ—Edward O'Henry, "Chant Sans Paroles" (Tschalkowsky).
 Orchestral—Zonophone Salon Orchestra, "Narcissus" (Nevin).
 6.29: Tacet.
 6.30: Waltz—International Concert Orchestra, "Danube Waves" (Ivanovici).
 Hawaiian—Hilo Hawaiian Orchestra, "Kawaihau Waltz" (Kealakai).
 Orchestral—Paul Whiteman and His Orchestra, "Caprice Futuristic."
 Organ—Edward O'Henry, "Ca C'est Madrid" (O'Henry) (B3094).
 6.44: Tacet.
 6.45: Orchestral—Hylton's Orchestra, "Good Old Songs" Selection (C1592).
 Orchestral—International Concert Orchestra, "Barcarolle" ("Tales of Hoffman") (Offenbach) (B2377).
 Orchestral—New Light Symphony Orchestra, "Cavalleria Rusticana" (Intermezzo) (Mascagni) (B2377).
 6.59: Tacet.
 7.0: News session.
 7.30: Sports results.
 8.0: Chimes.
 Overture—Jack Hylton's Orchestra, "Good Old Songs Selection."
 8.9: Bass—Mr. Robert W. Rofe, "King Charles" (White).
 8.13: Humour—Mr. Sydney Comfort, "Home Again" (MS.).
 8.19: Clarinet—Mr. S. E. Munday, Selection from "The Bohemian Girl."
 8.26: Contralto—Miss Alma May, "It's Never Too Late to be Sorry" (Burke).
 8.30: Song and patter—Mr. Eddie Hegan, "Oh! How I Love My Darling."
 8.34: Accordion—Hall-Rini, "Polka Brillante" (Guattrocchio).
 8.37: Tenor—Mr. David McGill, "Land of Long Ago" (Ray).
 8.41: Banjo and banjo—Messrs. Stan Birch and Perce Skinner, (a) "The Great Little Army" (Alford own arrgt.); (b) "The Bab, Bab, Babbling Brook" (own arrgt.).
 8.48: Duets—The Joyous Pair, (a) "Happy Days are Here" (Agar); (b) "I'm on the Market for You" (Hanley).
 8.55: Organ—Lew White, "If I'm Dreaming" (Dubin-Burke); (b) "The Shepherds' Serenade" (Grey, Stothart) (Brunns. 4691).
 9.1: Weather report and station notices.
 9.3: Orchestral—Brunswick Salon Orchestra, "Say it with Songs Medley."
 9.7: Bass—Mr. Robert W. Rofe, (a) "Sometimes in Summer" (Sterndale Bennett); (b) "Captain Mac" (Sanderson).
 9.14: Humour—Mr. Sydney Comfort, "Joining the Army" (MS.).
 9.19: Clarinet—Mr. S. E. Munday, Fantasy on "Rocked in the Cradle of the Deep" (Laureudas).
 9.24: Contralto—Miss Alma May, (a) "Love's Magic Hour" (Cecil Smart); (b) "Life's Roadway" (Emmett Adams).
 9.30: Song and patter—Mr. Eddie Hegan, "Never Let Her Learn to Dance."
 9.34: Accordion—Hall-Rini, "Sicily of Mine" (Tarantola) (Brunns. 4000).
 9.37: Tenor—Mr. David McGill, (a) "If You Would Love Me" (McDermid); (b) "Sleep and the Roses" (Tate).
 9.43: Duets, banjo and banjo—Messrs. Stan Birch and Perce Skinner, (a) "Middy March" (Alford); (b) "Irish Popular Melody Switches" (own arrgt.).
 9.50: Jazz Duets—The Joyous Pair, (a) "Just Like a Story Book" (Hanley); (b) "My Sweetest Than Sweet" (Whiting).
 9.57: Band—H.M. Irish Guards, "Clonkerty Clonk" (Thayer) Parlo. A2552.
 10.0: Dance Programme, "Brunswick" Hour.
 Foxtrot—Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "When the Little Red Roses Get the Blues for You."
 Foxtrot—Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "Puttin' on the Ritz" (Berlin) (4679).

- Foxtrot—Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "Leven-Thirty Saturday Night" (Burnett, Grantham) (4764).
 Waltz—Regent Club Orchestra, "It Happened in Monterey."
 10.12: Foxtrot—Ben Bernie and His Orchestra, "To My Mammy."
 Foxtrot—Roger Wolf Kahn and His Orchestra, "The Moon is Low."
 Foxtrot—Slatz Randall and His Orchestra, "What a Perfect Night for Love" (Lenzen, Cameron, Bontsema) (4719).
 10.21: Vocal—Chester Gaylord, "Any Time's the Time to Fall in Love."
 Foxtrot—Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "Courtin' Time" (Stoddard, Coburn, Burnett) (4754).
 Foxtrot—Meyer Davis' Hotel Astor Orchestra, "Oh! How I Adore You" (Stoddard, Klaubner) (4728).
 Foxtrot—Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "Song of the Dawn" (Yellen, Ager) (4756).
 Waltz—Meyer Davis Hotel Astor Orchestra, "Farewell."
 10.36: Foxtrot—Ben Bernie and His Orchestra, "Looking at You."
 Foxtrot—Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "There's Danger in Your Eyes, Cherie."
 Foxtrot—Slatz Randall and His Orchestra, "Sweetheart Trail."
 10.45: Vocal—Chester Gaylord, "Blue is the Night" (Fisher) (4766).
 Waltz—Colonial Club Orchestra, "Why Don't You Love Me."
 Foxtrot—Roger Wolfe Kahn and His Orchestra, "Montana Call."
 Foxtrot—Louis Panico and His Orchestra, "Wabash Blues."
 Foxtrot—Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "With You" (Berlin) (4679).
 11.0: Close down.
 God save the King.

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

- 3.0: Chimes. Selected gramophone items.
 4.25: Sporting results.
 4.30: Close down.
 5.0: Chimes. Children's Hour, conducted by "Aunt Anita."
 6.0: Dinner music—"Columbia" Hour:
 March—H.M. Grenadier Guards, "Martial Moments" (arr. Winter).
 Waltz—Eddie Thomas's Collegians, "Missouri Waltz" (Logan) (02553).
 6.12: Tacet.
 6.15: Violin and Wurlitzer organ—Marrnello, "Evening in the Desert."
 Hawaiian—South Sea Islanders, "Dreamy Hilo Bay" (Heagney).
 March—Columbia Symphony Orchestra, "March of the Toys" (02651).
 Piano solo—Percy Grainger, "Molly on the Shore" (Grainger) (03575).
 6.26: Tacet.
 6.30: Waltz—Eddie Thomas's Collegians, "Till We Meet Again" (Whiting).
 Waltz—Eddie Thomas's Collegians, "Beautiful Ohio" (Earl) (02651).
 Piccolo duet—Jean and Pierre Gennin, "Rippling Streams" (Gennin).
 6.41: Tacet.
 6.45: Violin and organ—Marrnello, "Once" (Sanders) (Regal G20420).
 Xylophone—W. W. Bennett, "Gee Whiz" (Byron) (02575).
 Hawaiian—South Sea Islanders, "Lei Lani" (Heagney) (01162).
 Instrumental—Denza Dance Band, "In the Shadows" (Finck) (Regal).
 6.58: Tacet.
 7.0: News session.
 8.0: Relay of vaudeville programme from 3YA, Christchurch.
 10.0: Dance session—"Brunswick" Hour:
 Foxtrot—Abe Lyman and His California Orchestra, "Another Night."
 Foxtrot—Meyer Davis's Hotel Astor Orchestra, "If I Had My Way."
 Foxtrot—Abe Lyman and His California Orchestra, "I'm Only Making Believe" (Davis-Coots) (4555).
 Foxtrot—Chic Scoggin and His Pla-Mor Orchestra, "If I Could Write a Song" (Fulcher) (4654).
 Waltz—Meyer Davis's Hotel Astor Orchestra, "There Must Be Somebody Waiting for Me" (Donaldson) (4603).
 10.15: Foxtrot—Jesse Crawford and His Orchestra, "The Prep Step" (4629).
 Foxtrot—Irving Mills and His Hotsy Totsy Gang, "Manhattan Rag."
 Foxtrot—Jesse Stafford and His Orchestra, "My Sweetest Than Sweet."
 Vocal—Chester Gaylord, "Dance Away the Night" (Thompson-Stamper).
 Foxtrot—Irving Mills and His Hotsy Totsy Gang, "What Kind of a Man is You?" (Carmichael) (4641).
 Foxtrot—Tom Gerun and His Orchestra, "One Sweet Kiss" (4521).
 Foxtrot—Jack Denny and His Mount Royal Hotel Orchestra, "The End of the Lonesome Road" (Ruby-Perkins) (4552).
 Waltz—Abe Lyman and His California Orchestra, "If I'm Dreaming."
 Waltz—Abe Lyman and His California Orchestra, "The Shepherd's Serenade" (Grey-Stothart) (4633).
 10.42: Vocal—Chester Gaylord, "Just You, Just Me" (Klages-Greer) (4582).
 Foxtrot—Tom Gerun and His Orchestra, "Some Day Soon" (4521).
 Foxtrot—Jack Denny and His Mount Royal Hotel Orchestra, "Scotchie."
 Foxtrot—Abe Lyman and His California Orchestra, "Sally" (4657).
 Foxtrot—Abe Lyman and His California Orchestra, "If He Cared."
 Foxtrot—Chic Scoggin and His Pla-Mor Orchestra, "She Chills Me."
 11.0: God Save the King.

- 6.0: Children's Song Service, conducted by Uncle Bert.
 6.55: Relay—Divine Service Saint Mary's Cathedral. Preacher: Canon William Fancourt. Organist and Choirmaster: Mr. Edgar Randall.
 8.30 (approx.): Relay—Concert by Municipal Band, under the directorship of Mr. Christopher Smith, from the Auckland Town Hall.
 9.30: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, AUGUST 3.

- 2.30: Relay from Winter Show Building of Special "Music Week" programme by the Massed Bands of the Wellington Combined Bands Association.
 4.30: Close down.
 7.0: Relay of Evening Service of the Terrace Congregational Church. Preacher: Rev. H. W. Newell. Choirmaster: Mr. H. Brusey. Organist: Mr. Alec. Mill, L.A.B. During the service the choir will sing the Eight Part Motet by Cornelius, "Surrender of the Soul to the Everlasting Love," and Mrs. A. Harris and Mr. H. Brusey will sing the duet "Love Divine" by Stainer. Examples of Early English Church Music will also be rendered by the choir.
 8.15 (Approx.)—Relay of the Band Concert of the Port Nicholson Silver Band from the Grand Opera House.
 God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, AUGUST 3.

- 3.0: Afternoon Session Gramophone Recital.
 4.30: Close down.
 5.30: Children's Song Service by children of Methodist Sunday Schools.
 6.15: Intermission from Studio.
 6.30: Relay of Evening Service from Durham Street, Methodist Church. Preacher: Rev. W. T. Blight. Organist and Choirmaster: Mr. Ernest Pirth, F.R.C.O.
 7.45: Recorded Music from Studio.
 approx.
 8.15: Flute and Orchestra—Jean Nada and Zurich Tonhalle Orchestra, "Andante for Flute and Orchestra" (Mozart) (Col. 02978).
 8.19: Mezzo-soprano—Mrs. A. E. G. Lyttle, "La Serenata" (with violin obligato by Irene Morris) (Braga).
 8.23: Violin—Miss Irene Morris, "Andantino" (Martini-Kreisler).
 8.27: Tenor—Mr. James Shaw, (a) "Someone Who Remembers" (Con. Clarke); (b) "For You Alone" (Geehl).
 8.32: Instrumental—Christchurch Broadcasting Trio, "Trio in F Sharp Minor" (Frank Hutchens).
 8.42: Soprano—Mrs. Lucy O'Brien, "O Salutaris" (with violin and cello obligato by Irene Morris and Harold Beck) (Harry Rossiter).
 8.46: Orchestral—New York Symphony Orchestra, "Entrance of the Little Fauns" (Pierne) (Col. 02907).
 8.50: Baritone—Mr. R. S. H. Buchanan, "Sylvain" (Sinding).
 8.54: Mezzo-soprano—Mrs. A. E. G. Lyttle, (a) "Far Off I Hear a Lover's Flute" (Cadman); (b) "The Moon Drops Low" (Cadman).
 9.0: Violin—Miss Irene Morris, "Cradle Song" (Cesar Cui).
 9.3: Weather Report and Station Notices.
 9.5: Tenor—Mr. James Shaw, "Goodnight Beloved" (Balfe).
 9.9: Instrumental—Christchurch Broadcasting Trio, "Moderato," "Larghetto and Finale" (from Novellefen Trio) (Gade).
 9.18: Soprano—Mrs. Lucy O'Brien, (a) "Open Thy Blue Eyes" (Massenet). (b) "Dolorosa" (Phillips).
 9.24: Baritone—Mr. R. S. H. Buchanan, (a) "Arise, O Sun" (Day); (b) "God Touched the Rose" (Brown).
 9.30: Orchestral—Zurich Tonhalle Orchestra, "Gavotte from Idomeneo."
 God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, AUGUST 3.

- 3.0: Chimes. Selected Gramophone Items.
 4.30: Close down.
 5.30: Children's Song Service, conducted by Big Brother Bill.
 6.15: Close down.
 6.30: Relay of Evening Church Service, from Knox Presbyterian Church. Preacher: Rev. D. C. Herron, M.A., M.C. Organist: Mr. C. Roy Spackman.
 7.45: Milan Symphony Orchestra, "Aida" (Verdi) (Col. 02803).
 Choir—Don Cossacks, "How Greatly the Lord is Glorified" (Bortnjansky), "Three Folk Songs" (Dobrowen) (Col. 02712).
 Trio—De Groot, D. Bor and H. Calve, "El Relicario Selection of Hebrew Melodies" (arrgd. Saunders) (H.M.V. B3107).
 8.5: Relay from H.M. Theatre of Concert Programme by Dunedin Tramways Band, under direction of Mr. C. Morgan.
 9.30: God save the King.

Sunday, August 3

1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, AUGUST 3.

- 3.0: Afternoon Session—Selected Studio Items, including Literary Selection by the Announcer.
 4.30: Close down.

SPECIAL MUSIC ISSUE
NEXT WEEK

Australian Programmes

Thursday, July 24.

STATION 2FC.—9.30 p.m. and at intervals throughout the evening: The Metropolitan Band, in selected items. 9.45 p.m. and 10.24 p.m.: Ellis Price, entertainer. 10.10 p.m. and 10.58 p.m.: Dorothy Hall, in songs at the piano.

2BL.—9.40 p.m.: Clement Q. Williams in baritone solos. 9.47 p.m.: A.B.C. Orchestra present the "First Suite from 'Carmen'" (Bizet). 10 p.m.: A.B.C. Players present "The Murder in the Rue Morgue," adapted from the short novel by Edgar Allen Poe. 10.30 p.m.: "Our Village," a humorous sketch.

3LO.—9.30 p.m.: Frank Perrin and Nora O'Malley, entertainers, in "Reminiscences of the English Vaudeville Stage." 10 p.m.: Dance items, interspersed with variety numbers.

3AR.—9.45 p.m.: Studio reproductions of the classics. During the evening Professor Bernard Heinze will speak on "Music and Radio."

Friday, July 25.

STATION 2FC.—9.37 p.m. and 9.54 p.m.: Barend Harris, baritone, who recently concluded a tour of the New Zealand stations, will present solo items, including "The Song of the Volga Boatmen." 10.14 p.m.: Jack Gregory, ex-international cricketer, will give his impressions of Australia's prospects in the fourth test. At 10 p.m. and at half-hour intervals until closing down: Latest cricket scores will be given. These will be relayed by **3LO**, Melbourne, **4QG**, Brisbane, and **5CL**, Adelaide. 10.37 p.m.: The Garrick Players in "Boundary Hits."

2BL.—9.30 p.m., 9.54 p.m. and 10.35 p.m.: Lillian Frost presents an organ recital. 10 p.m.: "In Old Virginny," a plantation play. 9.44 p.m. and 10.48 p.m.: Ad Cree, comedian. 9.37 p.m. and 10.42 p.m.: Peggy Dunbar, contralto.

3LO.—9.30 p.m.: and throughout the evening: The Brunswick City Band, in popular selections. 10.58 p.m.: The Local Lads in instrumental and vocal numbers. 9.54 p.m.: The Paraphrasing Five in a programme of contrasts, "Something Old and Something New."

3AR.—9.45 p.m.: Community singing transmitted from the Central Hall, Geelong.

Saturday, July 26.

STATION 2FC.—9.30 p.m.: Relay from the Sydney Town Hall of a concert programme arranged by the Professional Musicians' Union. Results in the fourth test cricket match, Australia v. England, will be transmitted at 10.30 p.m., 12 p.m. and 12.45 a.m. These will be relayed by **3LO**, Melbourne, **4QG**, Brisbane and **5CL**, Adelaide. 10.32 p.m.: Description of the arrival of his Excellency the State Governor at the A.I.F. ball. 11.50 p.m., 12.5 a.m. and 12.55 a.m.: Relay of dance music from the A.I.F. ball.

2BL.—9.30 p.m. and 11.35 p.m.: The Maheno Trio, instrumentalists, in popular numbers. 9.37 p.m. and 11.12 p.m.: Frank Leonard, entertainer. 10 p.m.: Description of the boxing contest at the Sydney Stadium. Results of the fourth cricket test will be transmitted every half-hour till 1.30 a.m., commencing at 10.30 p.m.

3LO.—9.40 p.m. and 10.15 p.m.: Premier Four Male Quartet in selected items. 9.47 p.m.: Edouard Lambert, violinist, will present "Romance in G" (Beethoven).

3AR.—9.30 p.m.: A special musical programme has been arranged.

Sunday, July 27.

STATION 3LO.—9.30 p.m.: Hamilton Webber, Mus.Bac., and his State Musical Ensemble, broadcasting from the State Theatre, with Arnold Coleman at the Wurlitzer. Leading vocal artists will assist.

3AR.—10 p.m.: Relay of evening's programme from **2BL**, Sydney.

Monday, July 28.

STATION 3LO.—9.30 p.m.: "The Prince and the Beggar-maid," a romantic play in four acts. 12.15 a.m. and 12.45 a.m.: Latest cricket news.

3AR.—9.30 p.m.: "Romance of the Sea," the history of the Mary Rose, by G. R. Leggett, B.A. 9.45 p.m.: Concert by the Association for the Advancement of the Blind.

Tuesday, July 29.

STATION 3LO.—9.30 p.m.: Transmission from the Auditorium of Gounod's opera, "Faust," by the Melbourne Philharmonic Society, assisted by the University Symphony Orchestra. 12 p.m.: Latest cricket news.

3AR.—9.45 p.m.: "La Viva Ensemble," an Oriental programme. 10.15 p.m.: Clarrie Collins and his orchestra. 11.17 p.m. and 11.40 p.m.: Jean Lewis, contralto, in vocal numbers.

Wednesday, July 30.

STATION 3LO.—9.30 p.m.: Transmission from the Auditorium of programme by Gustave Slapoffski and the Victorian Professional Orchestra.

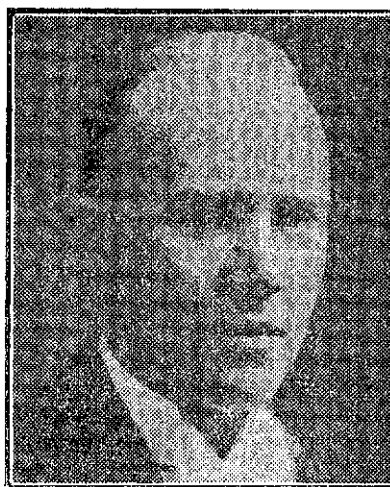
3AR.—9.55 p.m.: The story of the original Fisk Jubilee Singers. 10.35 p.m.: The Paraphrasing Five (male quartet and piano) in well-known songs. 11.15 p.m.: The Back Seat Driver, first of a series of safety plays, presented by the National Safety Council of Australia. 11.40 p.m.: Ausste and Pom, "The Final Adventures of Dave, an Australia, and the English Dude."

Children's Sessions

From 1YA.

TUESDAY, JULY 29.—Uncle Dave will have stories to tell, Cousin Rena will sing and Cousin Beryl will recite.

WEDNESDAY.—Uncle Tom invites the Radio Family to meet him at the "mike," where he will have many



Mr. C. R. Williamson, light tenor, member of the Christchurch Liedertafel and a broadcasting artist. He sang for 3YA on Sunday, July 21.

jolly things to say to them. Songs from Cousin Elva.

THURSDAY.—Peter Pan in charge of the Children's Hour. Cousins assisting with their bright items.

FRIDAY.—Sketches and dialogues from Cousins, songs and stories from Nod and Aunt Jean, also birthday greetings.

SATURDAY.—Miss Gunman is bringing her boy's choir, and they always delight the little listeners with their cheery choruses. More of the "Meeting Pool" stories and jokes from Cinderella.

SUNDAY, AUGUST 3.—Children's Song Service, conducted by Uncle Bert, assisted by Newton Congregational Sunday School.

From 2YA.

MONDAY, JULY 28.—To-night the boys from the Rongotai College will sing Maori choruses. It is to be a special Maori evening.

TUESDAY.—For to-night's entertainment Uncle Jim and our Cousins will give items including Old English Folk Songs. Cousins Allsa, Eileen, Amy, Lucy, and "Uncle Billy" will perform. There will also be old English dances and folk lore.

THURSDAY.—Uncle George has made arrangements to relay a concert to-night from the Presbyterian Girls' Home. There is much talent among the little Cousins who are to perform.

FRIDAY.—To-night we are to enjoy a French evening, when Madame will tell French stories and sing French songs, and pupils of Mrs. Isobel Halligan will act in a little French play.

SATURDAY.—To-night Uncle Jasper will take all for another trip to the East, when we will visit the busy market places and bazaars. Perhaps we may even go to the wonderful pyramids and look upon the face of the Sphinx. Uncle Toby and the Revellers have asked if they may accompany us.

SUNDAY.—Uncle George conducts the session to-night with the assistance of Kent Terrace Presbyterian Children's Choir, under the baton of Mr. Jack.

3YA Sessions.

MONDAY, JULY 28.—"Scatterjoy" away on a little holiday, so we have a surprise in store for you to-night. Listen in and guess who we have with us this evening.

WEDNESDAY.—A group of little cousins, some new, and some old friends, helping Uncle John to-night—Esme, Clarice, Nora, Ray and Muriel.

THURSDAY.—Ladybird singing in the sunshine, with fairy tales for you all. Uncle Frank, with his bright and chirpy stories and songs.

FRIDAY.—"Chuckie" with a host of new stories and songs for you this evening. A favourite with all is "Chuckie," so we will greet him at the "mike" to-night, at five of the clock.

SATURDAY.—A band of little singers from the Wharenui School coming along to-night, with choruses and songs for all to join in.

SUNDAY.—Children's song service, conducted by Rev. Ru by Pratt, assisted by the children from the Methodist Sunday School.

Why the Titters

An Enthusiastic Entertainer

DURING the relays from the Town Hall, listeners no doubt wondered at the reason of the titters of mirth that came over the air before and after some of the items, and the reason for some of the short, sharp shouts that brought forth applause. The reason was clear enough to anyone who visited the show.

One of the entertainers put greater enthusiasm into his work. During the hahas he would gradually work up to a pitch of enthusiasm and distinguish himself by particularly gruesome gestures and actions. He was always the last to leave the front of the stage, and usually continued for some seconds dancing a solo haka and making really frightening grimaces at his audience. He took up a position immediately in front of the microphone and shot his terrorising glances on either side of this, and not infrequently at it.

Once he stayed longer than he ought have and Mr. Ball made a movement to eject him by the neck, but he was too quick and skipped away, to continue his grimaces from his chair. In the photo. of the group he is seen on the left of the front rank.

Radio Exhibition

(Continued from page 4.)

not found it convenient to journey to the city to witness the British-New Zealand Test matches, as well as the more important provincial matches played by our visitors, I have no hesitation in saying that radio has been a truly wonderful asset.

"At this point I would also like to refer to a recent incident where radio brought two great flyers in contact with their parents on the other side of the world. I refer to Miss Amy Johnson and Wing-Commander Kingsford Smith, and there was more to it from the listeners' point of view, for here in New Zealand the owner of an average radio set could reverently listen to their conversation.

"This radio show will be continued throughout the week, from 10.30 a.m. till 10.30 p.m., and a specially prepared programme will be presented at each session. The Maori party will be present and an entirely different programme will be available each evening. On Friday afternoon there is to be a special children's session, and, I am informed we can expect over 5000 children to be present, all of whom are assured of a good time.

"Before concluding I must convey our sincere thanks to the management of the Broadcasting Company, firstly for the splendid arrangements made to have the Maori party in attendance each evening, and also for assisting the exhibitors by coming 'on the air' each morning at 10.30 a.m., thereby permitting demonstrations in this hall as well as in their city showrooms. To you all I express the hope that your evening will prove one of pleasure and benefit."

Final Congratulations.

THE final night of the exhibition was a great success, for at an early hour the Town Hall was packed to the full. There was not a seat available in the gallery, and the downstairs was crowded for more than half the space with people as closely packed as possible. The Maoris provided an excellent programme, and judging by the prolonged applause and the encores, they were appreciated by the thousands who were present. It was found necessary to extend the sessions from the hall to half-hour periods.

Just before the conclusion Mr. Rickard, chairman of the Exhibition Committee, spoke. He said that at the opening he had expressed the hope that this year's attendances would eclipse those of last year, and this had been the case more so than had been anticipated. No doubt this was largely due to the efforts of the Maori party, but he would say no more about this splendid party till later.

He referred in appreciative terms to the co-operation of the Broadcasting Company. Mr. Ball, the company's representative, deserved special thanks for the services he had rendered at the sessions in connection with the exhibition. Speaking of announcers brought the speaker to refer to Mr. Drummond, Y.A.'s popular announcer, whose draw-out good-night was a feature with listeners. (Applause and calls for Mr. Drummond's attendance at the show.)

The organiser, Mr. Ritchie, and the manager, Mr. Mete Kingi, were then in-

Beam Wireless

Growth Recorded

FACTS, they say, speak for themselves, a sentiment which will be echoed by every person who peruses a copy of "Wireless Communication," a recent publication dealing with the network of world wireless communications established by Amalgamated Wireless Australasia, Ltd.

A few years ago the only Australian wireless services available to the public were the marine services to and from ships and the island services between Australia and Papua, and Australia and New Guinea.

To-day, step into the beam office at Sydney or Melbourne, or enter any post office in the Commonwealth, and you may send a message via beam to some of the remote places of the world—to Esthonia or Greenland in Europe, Yukon or Alaska in North America, to San Jose De Guatamala in Central America, or to Cali Girardot in the South America Republic of Columbia—to name but a few of the traffic destinations.

From the privacy of your business office or from your home, you may telephone to all parts of the United Kingdom and to no less than fourteen countries in Europe.

The booklet under review fully describes the radiophone service between Australia and Europe as well as the beam wireless services between Australia and Great Britain, and the Continent of Europe and North and South America; the A.W.A. coastal radio service, the marine wireless services for the transfer of messages between ships at sea and the Australian coastal stations, and between one ship and another ship.

Particulars of the extensive and strategic chain of wireless stations in the Pacific, established and operated by A.W.A., brings home to one the realisation of the highly important work that is being accomplished in advancing the interests of British communications in the south western Pacific.

With its controlling centres at Rabaul, Port Moresby and Suva, and a chain of wireless stations on the smaller islands, A.W.A. have established a network of wireless communications that is highly creditable and useful.

produced and applauded. Then Mr. Rickard had to thank for the general excellence of the entertainment, which had contributed largely to the success of the exhibition. This was certainly the best week's entertainment broadcast for from 2YA. During a supper that was to be provided for the Maoris some little token of the estimation in which their entertainment was held would be presented.

The final item was then presented, "Home, Sweet Home," well rendered. After this Mr. Mete Kingi spoke briefly and appropriately then addressed the Maori audience in his native language. He ended with the request that "Auld Lang Syne" should be sung. It was an impressive moment when all on the stage gripped hands and sung the old parting song—a fitting ending to a wonderful week's entertainment.

It is estimated that about 12,000 people passed through the exhibition.

Broadcasting in Europe

THE broadcasting technique of Europe indicates a trend toward fewer and higher-powered stations. Switzerland is the latest country to broadcasting, similar to that being developed in England, is to be adopted, amend its broadcasting policy. Regional The Swiss scheme will comprise three high-power stations in the German, French, and Italian-speaking sections of the country, with possibly smaller relay stations in some of the larger towns. The most powerful of the new stations will be erected at Munster, some twelve miles north-west of Lucerne, and will have a power of 60 k.w. in the aerial.

Amazing Publicity

THE New Jersey "mortician" who recently asked for transmissions of funeral music would sympathise with the undertaker who has been sharply rebuked by the French journal "Charivari" for broadcasting "lugubrious publicity" from one of the Paris stations. To celebrate the fiftieth anniversary of his start in business the undertaker broadcast an offer to reduce his fees by 30 per cent. on all orders received within a week.

It is rumoured that the mortality of Aberdonians residing in Paris was abnormally high during the specified period.

THE MODERN DISTANCE GETTER

The Mullard Screened Grid valve does the work of two ordinary distance getting valves. It is a British valve with the wonderful Mullard P.M. filament. Already it has revolutionised radio ideas at home—you can buy it to-day.

Mullard
THE MASTER VALVE

Obtainable from all good Radio Dealers in 2, 4 and 6 volt UX and English bases. Sole New Zealand Selling Agents: SPEDDING, LTD., 2 Anzac Avenue, Auckland. Dominion Bldgs. Wellington. 214 Madras St. Christchurch. 42 Crawford St. Dunedin. Advt.—The Mullard Wireless Service Co., Ltd. Mullard House, Charing Cross Road, London, W.C.2.

Simplicity, Power and Economy



THE Wellington Radio Exhibition has revealed many technical features of interest, not the least being the stabilisation of radio. Last year, the first of the electric receivers were displayed, for it was in this year that the great movement from batteries to a.c. sets took place. Now that it has been established for eighteen months, we are in a position to judge the probable outcome of the change.

In the first place there are no radical changes, not even in the universal adoption of the screen grid, for though this valve is used in almost every radio set, it is not universal. Some of the best sets are not using it in any form, while others are employing it only in the detector stage—this is a development of the past year. There is even a return to the directly-heated 226 type of valve, and one receiver at least uses four of these valves in the radio-frequency stages, a screen-grid detector, and one 226 audio followed by the popular 245.

For a power valve the 245 takes a great deal of surpassing, and it is not surprising that medium-priced sets are using this valve in push-pull in the last stage. The 250 is still used in the more expensive sets. It has a fuller tone and, of course, can handle far greater volume. The 171 has disappeared from all but an occasional kit set.

Standardisation.

IT is interesting to note that most of the manufacturers are stan-

The Impressions of a Technical Visitor to the Show

By "TECHNIQUE"

dardising on one chassis and placing this in various cabinets to suit the pocket of the purchaser. The larger ones are combined with the electric gramophone. These small sets are capable of giving amazing reproduction and compare very well with the more expensive models. Beside these there were others of two, three and four valves, all a.c., which cost only a moderate sum. These were distinctly popular, and the dealers report many inquiries.

The combination of radio and gramophone is a feature of the stabilised models. Every maker is combining these two musical instruments into their larger sets. The smaller ones have facilities for connection to a gramophone, so that the purchaser will need only a pick-up to convert his gramophone into an electrical one. A single switch changes from one to the other, and in some cases cuts off the motor. An interesting combination was one that would play fifteen records without attention, for it automatically changes the records and stops the machine when the magazine is empty. Records of both sizes could be accommodated, and there was ample room for storage, several albums being

provided. In fact this was a feature of many of the combination sets—the albums formed part of the design.

The Tone of the Season's Sets.

THE tone of the sets differed more than one would expect, probably to cater for the tastes of those who would make the selection. In some

Next Week

... is ...

Music Week

the bass was prominent, too much so in the writer's opinion, while in others the treble was accentuated, giving a harsh metallic effect. Some had a canned sound when turned up or a suppressed sound when lowered. But they all found favour in the differing requirements of the visitors. There were, however, some distinctly fine out fits, where realism was indeed present. The colour and perfection achieved by some of these models will take a considerable amount of surpassing. Radio has indeed reached a stage of well-nigh perfection.

Bass Overdone.

AN interesting occurrence convinced the writer that in some sets at least the bass is much overdone. The studio had been broadcasting and it was announced that the station would go over to the Town Hall. When this took place all the sets in the hall should have closed down. One was a little late in doing so and the writer heard the orchestra on the stage coming through a set which he could not see. There was a plethora of bass, but the instruments on the stage were few in number and the bass limited to a cello. Then the set closed down, and so did the bass. It was strangely absent from the actual performance, but the violin which was playing the air was much stronger. The set was never identified for there was a crowd in the hall at the time.

Novelties at the Show.

ONE of the stands had a novel attraction. Describing their models as "the set with the punch," a punching arm moved regularly toward a fan-shaped log of stations received by one listener. The stations were arranged with their appropriate dial settings. There were 100 in all.

Another novel exhibit was a lampshade designed by Mrs. G. G. McQuarrie. With the basic Maori colours, used in an original setting of a Maori pah, the shade was most artistic and attracted great interest. It was true to detail and most realistic. On the

stand there were some particularly fine Maori mats.

The constructor and the battery user were not catered to any extent. Only two stands displayed components, and these were in the form of kit sets or the parts used for standard circuits. There were kits for the Loftin White with even the metal base already drilled. Several assembled kitsets were displayed on one stand and demonstrations were given. It is interesting to note that even the "hams" were using a kitset receiver.

The "Hams" Display.

THE AMATEUR transmitters ("hams") attracted a good deal of attention—it was one of the most interesting stands at the exhibition. There were several transmitters, designed to work on all amateur bands from 10 to 100 meters. One of these was crystal controlled—that of 2Z 2AJ. It was a good outfit and its arrangement made thorough inspection possible. The transmitter of 2BP was used for transmission of messages from the hall, for the "greeting" arrangements that have featured in other centres were made available to the visitors.

It was possible for a visitor to send greetings to a friend in any part of the world. These addresses (for the greetings were standard) were transmitted on low power to another station in Wellington and there dispatched to stations in the other centres. From here the message was phoned or sent to the person to whom they were addressed. In the case of overseas friends the messages would be transmitted when the opportunity of contacting a ham in that country occurred.

The stand was staffed by hams who were ready to answer the questions of those who sought information.

Other Exhibits.

THE Post and Telegraph Department had on view a carrier current telephone apparatus used to provide additional channels over the existing circuits. It is the system of wired wireless, which has become popular overseas. The apparatus is used by the Department for long-distance calls.

The "Radio Record" was represented. For during the latter part of the exhibition the Technical Editor was present to discuss problems. It is perhaps significant that only about half a dozen queries were raised and most of those dealt with power and a.c. questions. Last year the position was very much different and the technical editor had hardly a spare minute during the busy times.

General Impressions.

ONE was left with the general impression that radio has at last reached some degree of stability. It is again coming to the pockets of those who cannot afford to pay out big sums for entertainment but this time it is reliable and, equally important, it is musical. A fair degree of realism has been achieved and the sets are sensitive.

The combination with the gramophone has been a happy one, and both means of entertainment are showing

See the "Majestic"
Hear the Colourful Tone
and you'll prefer "Majestic" too!



MODEL 90, £42/10/-.

KIRKCALDIE & STAINS LTD.
The Senior House :: LAMBTON QUAY

In face of the keenest competition the "Majestic" Radio has won through to a position of such pre-eminence that more than 3,000 people in New Zealand alone prefer it to any other Radio.

OBTAIN YOUR
"MAJESTIC" FROM
THE SENIOR HOUSE.

... and pay on easy terms—
whilst enjoying Majestic's colourful tone in your own home.

Questions and Answers

"F.B." (Umawera) has a six-valve battery set and complains that one of the valves had tape round it when it was bought, and asks if this will interfere with its performance.

A.: Probably the valve is only a little loose in its socket. It will not be impaired because of the tape.

2. Of the six valves four light and two do not—are these valves exhausted?

A.: No, they have an inside covering of mercury which prevents any glow from being visible.

3. Enclosed is a diagram. Are the valves correct?

A.: Interchange Nos. 1 and 5.

4. Can I substitute one of the valves with a screen grid?

A.: No, a special circuit is needed for the screen grid valve.

5. Only one "B" battery, one "C" battery, and one accumulator 100 volts was sent with the set. Would there be any improvement by using more "B" batteries?

A.: Your specifications are confusing. The accumulator you refer to is probably a 6 volt 100 amp. hour capacity. If it is a 100 volt "B" accumulator and used in series with the battery, then you have ample voltage. If you have only 45 volts "B," you will require at least two more batteries and take tapplings for the various valves, as shown on the battery diagram which accompanies the set.

"F.B.T." (Palmerston North) asks if a 2-amp. "A" and "B" battery charged can be converted into an eliminator?

A.: Probably the transformer of the "B" battery can be employed in an eliminator. It depends if it will supply sufficient current at a high enough voltage for your requirements. You will need a separate rectifier, which for a small set may be an ordinary power valve. The "A" part of the equipment can be used in conjunction with a suitable choke and condenser as an "A" battery eliminator. A suitable arrangement has been described in this year's Guide.

"H.P." (Wellington) has a Cossor Melody Maker, and wishes to enlarge the set with an extra valve. What other parts would be required?

A.: You will need a transformer, a valve, and a valve base, and either an output jack or two terminals.

2. Can I put this in the set?

A.: There would probably not be room. You would possibly spoil the layout. You could make a neat little

great progress. The amateur enthusiast is rapidly vacating the field and is becoming a "ham" or buying an electric set.

The radio business is passing from the small expert dealers to the music houses, who are employing specialised service men to look after the sets when once they are installed. Technical questions are not asked by the buying public so that the salesmen are no longer versed in the technicalities of radio. Probably for this reason the writer was told that a certain receiver used three stages of 245 in the r.f. amplifier.

attachment that would not look conspicuous.

3. When I tune in distant stations there is a loud howl, but when I put my hand on the cabinet it cannot be heard.

A.: Is the set earthed properly? Have you tried connecting your earth to the cabinet as well as to the usual terminal? Has the noise always been there? If not, what caused it? You see, you are not giving us quite enough information.

"R.P.I." (Lyttelton) is intending to construct the "B" accumulator described in the 1930 Guide. He wants to know if a car generator driven by a petrol engine can be used.

A.: Yes. Arrange the tubes in series, parallel, so that the voltage of those in series will be equal to the voltage delivered by the generator. Put resistance in series until the charging rate is down to about 60 milliamperes.

2. How long would be required for a weekly charge?

A.: This depends on how long you use it, and what the capacity of your set is. If the charging rate is about double the consumption you will need to charge about the same number of hours the set is in use.

"M.H.M." (Christchurch) asks if 4-volt A.C. valves are recommended in preference to 1.5, 2.5 and 1-volt valves.

A.: 1.5 volt valves are very little used now, but 2.5 and 5 volt are equally as good as 4-volt.

"H.R.A." (Auckland) asks where porous pots for Daniells' cells might be obtained.

A.: We do not know of anywhere except the Telegraph Division of the Post and Telegraph Department. Unfortunately they seem plentiful in some places and rare in others. There are no substitutes, although possibly an electrician might be able to supply a few used pots.

2. What is the number of the "Radio Record" in which the article by "Hard-Up" appeared?

A.: June 6, 1930.

"M.H.M." (Christchurch) submits a diagram of a 4-valve A.C. B.D., and wishes to know how to add the extra stage. We have returned his diagram suitably inscribed.

2. Can the Hammarlund-Roberts coils now in use be utilised in this circuit?—Yes.

3. What other coils will I require in adding the extra R.F. valve?

A.: An R.F. transformer, a duplication of the aerial coil without the tapplings, in the case of the H.R. In the case of the B.D. coils it is a duplication of the regenerative without the tickler.

4. What is the output and voltage of 3002. eliminator?

A.: Maximum 150 volts 30 milliamperes.

5. Could this eliminator combined with a filament transformer successfully work a dynamic cone speaker?

A.: That depends on the amplifier you intend to use. It could operate a single medium power valve or even two smaller power valves in push pull.

Tips and Jottings

Detecting Distortion.

AN excellent test for the detection of distortion is to connect a milliammeter in series with the plate of the output valve. The needle should remain comparatively steady, the maximum permissible variation on either side of the mean being about 10 per cent. If the needle is constantly kicking toward the right it is probable that the grid bias is too high for the amount of "B" battery current used. The bias voltage should be adjusted from time to time as the "B" voltage drops. Should the needle kick toward the left, more grid bias voltage should be applied.

When Using Small Drills.

Small drills very often cause a good deal of annoyance to the radio constructor, for many of them obstinately refuse to be gripped adequately by the chuck of the brace. In such instances the usual practice is to bind paper round the drill, or else to pack some material or other into the jaws of the chuck. A better method for enabling a small drill to be gripped

securely by the brace is to wrap several turns of insulated wire round the end of the drill.

Home-made Screens.

SOME set builders dislike the construction of metal screens owing to the necessity of cutting fairly thick copper or aluminium sheet. A certain amount of skill in metal work is also required to make a neat turnover at the bottom of the screen without the aid of proper forming tools. A simple plan is to make a screen former from three-ply wood, and to cover it with copper or aluminium foil, which may be easily cut with scissors. Rivets may be used to attach the metal to the plywood, and small bolts passed through the top of the screen will enable connections to be made to it. If desired, bare wires may be passed through the screen without fear of "shorts." This is accomplished by drilling small holes in the wooden part of the screen and large ones in the foil. One marked advantage of this method of screen construction is that no difficulty will be experienced in making soldered connections, because the metal is a good deal thinner than that usually employed for screens.

RADIO DIRECTORY

What to Buy and Where

CITIES

- | | |
|---|---|
| AERIAL MASTS | Domestic Radio Co., Ltd.,
305 Queen Street, Auckland. |
| ALTONA & HAMMARLUND-ROBERTS SETS. | Johns, Ltd.
Chancery Street, Auckland. |
| BROWNING DRAKE SPECIALISTS | F. J. W. Fear & Co.
63 Willis Street, Wellington. |
| BURGESS RADIO BATTERIES, | All Radio Dealers. |
| KING RADIO RECEIVERS ... | F. J. W. Fear & Co.,
63 Willis Street, Wellington. |
| LOFTIN-WHITE AMPLIFIERS | Stewart Hardware Ltd.,
Courtenay Place, Wellington. |
| MAJESTIC RADIO RECEIVERS | Kirkcaldie & Stains,
Wellington Agents, Lambton Quay. |
| MULLARD VALVES | All Radio Dealers. |
| 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. |
| STEINITE RADIO | G. G. Macquarrie, Ltd.,
120 Willis St., Wellington. |

COUNTRY TOWNS

- | | |
|---|---|
| MAJESTIC, ATWATER-KENT AND RADIOLA ELECTRIC SETS | Radio House, Hamilton.
G. S. Anchor, Manager. |
| PHILIPS VALVES AND APPARATUS | All Good Radio Dealers. |

A Tribute to 1YA.

I CAN also bear out Mr. Angloser's statement concerning 1YA. I have a three-valve set, and on the 9th inst I was getting 1YA on full loudspeaker strength with very little fading. Reception was better than 3YA and of nearly same volume as 2YA. However, I cannot get 1YA at all in the daytime. The same night I was getting 2BL and 2FC also on the loudspeaker. I log 26 stations on this set. Expenses yearly £2/3/6, weekly 6d., and license.—A.P. (Petone).

What is Art?

I READ in your issue of the 27th instant a letter on the subject of plays on the air. The writer, Mr. Montague, well known and admired for his artistic attainments, is much appreciated as a pioneer of radio dramatic production in New Zealand.

It is, therefore, disappointing to find that he cannot differentiate between a classic play such as "Paolo and Francesca" and a certain type of modern sex drama considered by Mr. Clarke to be unsuitable for the air. The tragedy of "Paolo and Francesca" is a story of wrongdoing and retribution; of a network formed by Fate drawing two weak creatures to their doom against their wills. In the words of the blind seer, "Unwillingly he comes a-wooing, she unwillingly is wooed; yet shall they woo."

Nowhere is the proper perspective of right and wrong lost sight of. There is a conscience in this play from beginning to end. "I had not thought!" cries one delinquent. "I have sinned and I am stained!" Moreover, this tragedy is written in such fine poetry as to be voted by the critics "a drama full of golden lines."

Surely no one in the home circle, not even the children, could be morally injured by hearing a story beautifully and sadly told of "two who fell in love long years ago, and wrongly fell," and thus brought upon themselves the punishment of death. (If so, then Tennyson's "Idylls" should be relegated to the farthest shelf!).



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

Now the typical modern sex drama is a story with no conscience and no moral perspective. It usually depicts the slack behaviour of human nature at its worst, calling to the lowest element in an audience to respond to it.

other announcers. If it is Mr. Hutter who announces the wrestling and boxing contests, I would like to compliment him on his work. I do not hear his racing, so cannot pass judgment on it.

How Some Minds Don't Think Alike

TWO Auckland listeners write as follow concerning the same programme, that of July 10. The contrast is amusing, to say the least:—

No. 1 Listener.

"I have never previously complained to you, but must say that your last night's programme was absolutely disgusting and an insult to listeners."—Remuera.

No. 2 Listener.

"Just a few lines of appreciation of your programme this evening. I would like to respectfully suggest you give at least three evenings a week with this evening's type of programme."—Grafton Road.

sordid situations and unsavoury innuendoes. Surely between the two kinds of work there is a great gulf fixed!—Guido da Polenta (Auckland.)

Announcers!

I WOULD just like to make a few remarks regarding the attack on Auckland's sporting announcer and

I would also like to compliment the Wellington football man. He has an excellent carrying voice and his grip of the players is rapid and good with not too many "ers" while he is finding the player's name. The announcer for the first test I consider not good. I would like to suggest to the 3YA studio announcer that when we are waiting for a rebroadcast to come on, as we were Saturday night, that he explains the goings on to liven up things a bit. For instance he might have explained why the man was counting from 1—0. We are not all experts and are ingrained with curiosity.—Moi Whare (Feilding).

The First Test.

I READ with disgust a letter by "Maroro" (Matawai), complaining of the announcer of the first Test. Well, to my mind he was the best sports announcer I have listened to, and all my friends say the same. It was cruel to say such a thing, and I don't know what these folk want. Surely they must be unnatural. To say he did not take an interest in the match is absurd, as a better description could not have been given. Some people are never happy unless they are growling.—S. W. Perkins (Invercargill.)

Fight Broadcasts.

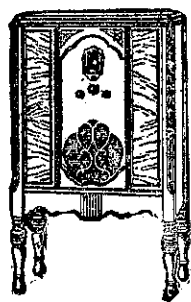
L.B. (Tadmor) writes complaining that advice is not given in advance programmes of fights, wrestling matches, etc., thus occasioning country listeners some trouble in ascertaining whether a fight is to be broadcast or not. This is a situation which can hardly be avoided. The authorities of the sports in question sometimes take the view that prior announcement as to the match being broadcast will affect the attendance of patrons in the cities. Consent to broadcast is frequently given only on condition that no prior announcement is made. This explanation will make the position clear to our country friends, and show that early advice cannot always be given.

Broadcasting "National Evenings."

FURTHER to a suggestion recently advanced by "Zedder" (Masterton) concerning the possibility of staging an English winter "party" over the air, a Wairoa correspondent writes as fol-

CONGRATULATIONS to the R.B.C. on the success of the broadcasts of both Test matches. They were perfect, and could be followed without the slightest difficulty. We had several neighbours over to listen. Two came over nine miles. I take this opportunity of thanking the company for the efforts they made to get the New Zealand Rugby Union to alter their decision and allow matches to be broadcast. Re the first Test at Dunedin: I think "Maroro" does not deserve the privilege of being able to listen to any of the football matches if he finds fault with the announcer. He was perfect, and as regards remarking about friends on the grandstand he was merely telling his listeners what past "All Blacks" he could see present.

I congratulate Dunedin for broadcasting the second Test, and hope the company can arrange to have the next two Tests broadcast by all four stations, as it is almost impossible for any South Islanders to be present at the



Electric Radio

PHILIPS Q.P. Set, complete with Speaker. Plug in and it plays.

£19/10/-

ROLA—The New Screen-grid Radio. Built in beautiful Lowboy Console Cabinet, with glorious toned Dynamic Speaker.

£35

STEINITE—The Screen-grid Radio. In Console Cabinet, which is famed for its Sensitivity and Distance-getting. From—

£42/10/-

See Our Stall at the RADIO EXHIBITION.

G. G. MacQuarrie Ltd.,
120 WILLIS STREET - WELLINGTON.

Identification Wanted

IS there a station 2ZC, Wairoa? I picked it up on 7/7/30 at 10.25 p.m. I was operating on the vicinity of 2BL, Sydney.—G.C. (Timaru).

[The station you heard is probably 2ZP, Wairoa. Power, 5 watts.—Ed.]

I HAVE to report reception of two stations on July 9. I wonder if anyone can identify them. I think they are small Australians. The calls were—as near as I could make out—4NO, Newmarket, and 2XM, Lismore. I heard each call several times, and am certain that they were correct, but can not find them listed anywhere. They both came in on about 240 metres (1250 k.c.). I have received 71 stations to date on a six-valve battery operated set, the latest being WFAA, Dallas, Texas.—“Circuit” (Pahiatua).

STATION on 370 metres (810 k.c.). This is between KOA and WFAA. He said that the time was 11 o'clock, and the address was Fifth Avenue, New York. Static prevented me from hearing the call. (2) This one is practically on top of 2FC. (3) One on JOBK's wavelength, 400 metres (750 k.c.). (4) I have heard a station on 201 metres (1490 k.c.) lately. The best I had—it was one night at 12 o'clock, but it was very gushy. I have

lows:—“I beg leave to second the motion put forward by ‘Zedder,’ of Master-ton, in your columns of the ‘Record’ of the 4th inst., and if ‘Zedder’ is agreeable I would like to extend it somewhat to, say, a similar function each month. Of course, to be logical, you would then have to consider ‘A Guid Scottish Night’ and also an Irish and Welsh. Even if you had to curtail some of the other items, such as jazz, I believe you would have very few growls. I never saw or knew any one yet who didn't enjoy such programmes when presented, and certainly the older folks would be pleased. In conclusion, I would like to express my appreciation of the programmes sent over now.”

Good Luck, Mr. Drummond.

MAY I say a few words re Mr. Announcer's “Go-ooo-od Night”? “Raehiti” says it gets on his nerves. Why does not “Raehiti” switch off his set and tune in another station? Letters like “Raehiti's” get on other people's nerves. I, like many other listeners, enjoy Mr. Announcer's “Go-ooo-od Night,” also his manner of speaking. I have heard all the R.B.C. announcers, also some from Australia, and America. I am pleased to say that none of them can come up to Mr. Drummond. I congratulate the R.B.C. on their choice of such a fine announcer. Carry on, Mr. Drummond, and Go-ooo-od Luck. —“Live and Let Live” (Silverstream).

Wanted—A Sacred Sunday.

I HEARTILY agree with “Unsatisfied” in the “Record” of July 4, and would greatly appreciate sacred music on Sundays, especially in the afternoons—not interspersed with secular items. However, if it be too much to expect a whole programme of sacred music, could we not have, say, the last half of the afternoon? I am sure it would give great pleasure to the older generation as well as to many of the younger.—“Hopeful” (Wanganui.)

THE D.X. CLUB

Views and News.

logged 29 American, two Hawaiian, eight Japanese, 18 New Zealand, and 14 Australian stations. One of the Japs I have is about half a degree above Wellington. This makes a total of 71 stations. I have 12 verified and many to follow. I have also had a station on about 1145 k.c. (262 m.). The announcer spoke very fast in some foreign language.—J.T.S. (Napier).

WHAT station was heterodyning 3YA on 29/6/30? It is on a slightly lower frequency.—J.B. (Longford).

ON July 15 at approximately 7.45 p.m. I picked up a station on 23.5 metres. A man was giving a description of the League of Nations, but static interfered with the reception and I could not catch the call sign. The man went on to say there were 400 newspaper reporters from different countries. Later he said, “We pass from one corridor”—here he was cut off by another station.—“Just Started” (Stratford).

[Short-wave station G5SW, Chelmsford, England, operates on 25.53 metres and it may have been this station that you heard. At present there is a Press conference assembled in London, and delegates from all parts of the world are attending.—Ed.]

Stations Identified

“KAUSPANKA” (Hastings): Station below harmonic of 2YA may be VK4GO, Newmarket, Queensland. “A.McK.” (Gore): Station between 2YB, New Plymouth, and 2HD, Newcastle. There are several Australian amateurs working round there. Hang on to them. They give their calls occasionally.

I have now logged 2ZC, Wairoa. I can now have reception of a station all round the clock, commencing with 4ZL, and followed by 3ZC, 4ZP, 2ZR, etc.—“Amazon” (Palmerston North).

The ‘phone station that D.B. (Sea-toun) heard recently was from a 50-watt transmitter that is being installed at Glade House, Milford Sounds, by Mr. A. E. Shrumpton, of Standard Telephones and Cables. This installation is for purposes of communication with Lake Te Anau.

DX Topics

Log KGMB for an Aeroplane Trip!

IT recently dawned on me that reception from KGMB was sufficiently good to warrant a letter of congratulation being sent to them—so I listened in to them from 5.30 p.m. till 9.55 p.m. (11 p.m. previous night, their time). Of course, in my report I mentioned several items of interest from my viewpoint in connection with their broadcast, referring particularly to the inter-Island Airways, Ltd. This station

the loudspeaker with no difficulty. Short-wave reception is also good. Though my set will not tune below 45 metres, I have logged quite a number above that wavelength, including 9XF, Chicago; W3XAL, New Jersey; and RD15, Siberia. The new station at Rome, Italy, is also received at 7 a.m. on 80 metres. Dozens of others are received, including morse and telephony from 45 metres up to 90, many of which I cannot locate. My total number of stations received is 226. I have heard many others, but cannot get their calls. My set is a three-valve.—C.F.C. (North Auckland).

American Reception.

ON July 13 I had the American stations coming in with exceptional volume, and added two more to my log—KMOX, and KPRC, Houston, Texas. The “N.Z. Radio Guide and Call Book” shows KPRC as not being previously heard in New Zealand and states KMOX is in Montana, operating on 1110 k.c. (270 metres). This station is in Missouri and operates on 1090 k.c. (275 metres). WFAA and WENR were so loud that I had to cut the volume down. There must have been a host of American stations between 1500 and 1250 k.c., for I got one continual heterodyne and jumble of music and voice. My log now shows 60 stations, so “Kauspanka” had better look out for his laurels.—L.I. (Gisborne).

A Comprehensive Log.

I HAVE been a listener since 1924 and have never known reception to be as good as it is at present. Lately I have been receiving the “A” class New Zealanders, 2YB, and 2FC in the daytime. 3YA is as loud as 1YA in the afternoons. I receive KGU and KGMV, Hawaii, on the loudspeaker in the evenings. The Americans come in very well. Those received are KFWB, KFI, WENR, KTM, KNX, KGO, WBBM, and sometimes KMOX and KFOX.

The Japanese stations are received very well on the loudspeaker after 9 p.m., the best station being JOAK. I have logged 13 Australian stations on

A Changed Call Sign.

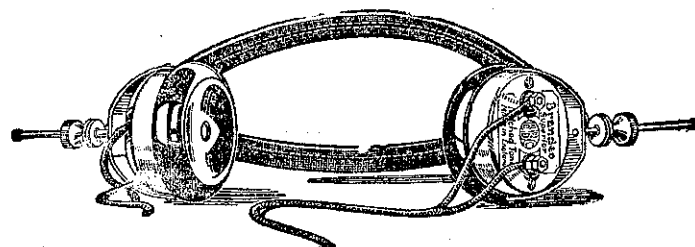
THE call sign of the Russian station, late RA97, is now RV15, and not RB15, as reported in your short-wave columns. I have recently received a card from that station printed with their old call sign, RA97, which is crossed out, and written across it is “now RV15.” Their wave-lengths is stated as 70.2 metres.—F.L.R. (Christchurch.)

Australian Short-wavers.

ON 9/5/30 I logged VK4LW, in a card just to hand they give the following particulars:—“VK4LW, late VK4CM. Winner of the VK4LJ trophy (Concluded on page 32.)

Brandes

The Name to know in Radio



Made in England
Price 15/-

OBTAINABLE FROM ALL RADIO DEALERS or
INTERNATIONAL RADIO Co. Ltd., Ford Bldgs., Wellington

American Notes

Items of Interest

MR. R. LESLIE JONES, Lyall Bay, writes: A most interesting correspondence takes place between Mr. Fred. Easter, Cincinnati, Ohio, U.S.A., and myself, and the following excerpts from a letter dated June 18 may be interesting to readers of "Radio Record."

Mr. Easter says: W3XAU works on two frequencies, 6060 kc., and 9590 kc. (49.5 and 31.28 metres), 500 watts, and operates from 8 a.m. until midnight daily, using either of above frequencies. 6060 kc. is used from 8 a.m. until 4

p.m., and 9590 kc. from 4 p.m. until midnight, excepting Thursday and Friday, when 6060 kc. is used all day to avoid interference with PCJ, which works on same wave-length. W3XAU is owned by the Universal Broadcasting Company, Philadelphia, Pa. The time given is Eastern time, which is 5 hours earlier than G.M.T.

The Honduras station HRB, mentioned previously in the "Radio Record," announced that they will be transmitting shortly with a 1000-watt transmitter on 49.9 metres (just under 9XF).

W9XF is working on 25.3 metres occasionally now.

A few very fine "Ham" 'phone stations on 20 metres are heard in Ohio, including 4AGR at Miami, Florida, modulation being equal to W2XAF.

I am afraid the "Hams" over here (U.S.A.) are going to get into trouble, and may get the bands reduced if they do not stick on their wave-length more closely.

The "Homer" (call sign G2GL) has been heard several times working London (G2AA and WOO) on 24 metres: also K10 at Kihuku, in the Hawaiian Islands, often tests on 'phone with KES at Bolinas, California; K10 is on 25.65 metres, and KES on 28 metres.

VK2ME (Sydney) is not as good as during American spring and winter. 'Phone charge from U.S.A. to Europe is 15 dollars for each minute.

NRH is now on 9.30 to 10.30 p.m. E.S.T., daily, including Sunday; the announcer speaks in English and Spanish. NRH is bad for rapid fading and modulation is poor.

PCJ has not the "wallop" that Zeesen has. Zeesen announces as Der Koenigswusterhausen, Kurzwellsender. HKT, Bogota, Colombia (S. America), is still on 48.35 metres.

An unidentified station at French Indo-China, on 18.75, works telephony with Paris.

G2AA, that works ships G2GN, etc., is located at Slough, Buckinghamshire, England; GBK, Bodmin, England, works CGA (Canada).

The U.S. and Buenos Aires 'phone stations (WLO and LSM) are between 13 and 14 metres.

Under date June 30 Mr. Easter says: PCJ has a bad hum, and is not up to the standard of Zeesen at the moment as regards volume.

5SW has them both beat in this respect.

CJRX comes in fine, but PHI has not come through for some time; nothing hardly will come in around 16 metres. PCJ is not logged during winter months.

NRH only uses 7½ watts power.

A French Scheme

Railroad Radio

A WELLINGTON correspondent writes: I have just received a letter from a friend in France, and he has enclosed a circular showing a new move the French are making on the railways by installing wireless for use of passengers. My friend, who does a lot of travelling through this country states: "On my quarterly trip on the Paris-Havre express in April, I had five francs worth of it, and found it remarkably good, even Daventry being switched on to us for a few minutes whilst we were running at 60 or 70 miles per hour."

THE RADIO BOOKSHOP

(Te Aro Book Depot, 62 Courtenay Place, Wellington.)

"Thermionic Vacuum Tube" (Van Der Bijl) 26/-

Just arrived:—
Morecroft's "ELEMENTS OF RADIO COMMUNICATION."
19/- posted.

Deals with all kinds of Receiving Sets.
A standard work for dealers and students.

Write us:—

TE ARO BOOK DEPOT
WELLINGTON.

DX Topics

(Continued from page 31.)

and pennant for 1929. Transmitter, Hartley oscillator, input 20 watts, Heising modulation. Address, 20 Elizabeth Street, Rosalie, Brisbane, Queensland." Mr. C. R. Morris, owner-operator, states: "Very pleased to receive your report, it being the first I have received from New Zealand. The wave-length of this station is about 225 metres (1330 kc.)." Has any listener picked up VPIA, Suva? This station comes in on about 379 metres (790 kc.).—Screen Grid 3 (Nelson.)

New Loggings.

I WISH to thank R. Dixon (Brammer) for the information re WOC, Iowa, and WTAM, Cleveland (I had already identified this station). If Mr. Dixon will write to me at Tadmor, Nelson, I shall be very pleased to correspond with him. During the past week I have added the following stations to my log: 2ZI, Hastings, and 2ZP, Wairoa, both with power of only 5 watts; WENR, Chicago; WGN, Chicago; KYA, San Francisco; WFAA, Dallas, Texas; and WEAR, Cleveland, Ohio, which station is listed in 1930 "Guide Call Book" as not having been previously heard in New Zealand. These stations were heard on a 4-valve set, with H.F. screen grid.—E. W. Anglesey (Nelson.)

Radio Listeners' Guide, 1930 Edition.

Dealers and Booksellers 2/6, posted 2/3
P.O. Box 1032, Wellington

Now Available.

GreDX

THIS new All-Electric-Tuned Screen-Grid Short-Wave Receiver, the most powerful ever made, will give loud-speaker reception of London, New York, Moscow, and widely-distant broadcasting stations.

Call or write to

MR. HORROBIN,

Flashlight Corner, 2 Courtenay Place, WELLINGTON,

and get full particulars of this splendid N.Z.-made D.X. Receiver.

The Add-a-Phone

is the finest

SHORT-WAVE RECEIVER

Made by the people who specialize in all kinds of Radio Repairs, Improvements, Re-modelling and Designing Radio Sets.

If in trouble Ring, Write or Call at

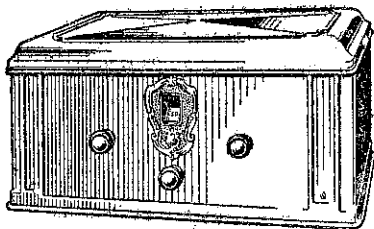
Mack's Radio Service

76 KENT TERRACE,
WELLINGTON.

'Phone 20-798

Outstanding Exhibits at Radio Exhibition...

"P.E.6" Screen Grid Broadcast Receiver



The Pilot P.E.6 screen-grid Broadcast Receiver is a simple but reliable design and free from troublesome "Neutralising" and "Balancing"; comprises two stages of tuned radio-frequency amplification using screen-grid tubes, with both the tubes and the R.F. transformers fully shielded; a non-regenerative detector; and a modern audio amplifier system of the push-pull type. Tuning is accomplished by a single illuminated vernier dial, the only other controls being a power switch and a volume knob. The set is fully A.C. operated, all the necessary filament, grid and plate voltages being furnished by a Pilot K-111 power pack.

Valves used are 2 x P224's, 2 x P17A's, 2 x P227's, 1 x P280.

PRICE—P.E.6 Complete with Valves—
Grawor Melodia Cone Speaker and metal cabinet **\$32/10/-**

TERMS—Deposit, £10, 12 monthly payments of £1/19/6

The "Super-Wasp" All-Wave Receiver

A great success—The Super-Wasp was used continuously throughout the term of the exhibition by the Amateur Transmitters for reception on short-wave of messages from all over the Dominion.

With the Super-Wasp you can travel the World. On short waves you have America, Australia, Canada, England, Manila, Holland, Russia, Germany and more other countries. On Broadcast Australia and New Zealand Stations.

In the ELECTRIC MODEL Three (3) P227's, One (1) P224, and One (1) P280 Tubes are used.

The BATTERY MODEL uses Three (3) P201's and One (1) P222 Tube.

MODEL K115 All-Electric—Complete with Valves and Speaker (no cabinet).....

\$34/5/-

MODEL K110 Battery Type—Complete with Valves, Speaker A, B, and C Batteries (no Cabinet)

\$30

EASY TERMS ARRANGED.

Harringtons (N.Z.) Ltd

40/42 WILLIS STREET (P.O. Box 738), WELLINGTON.
142 QUEEN STREET (P.O. Box 1484) - AUCKLAND.
Distributors for all Pilot Products for Australia and New Zealand.

Radio Wedding March Programme Features**Expression of Thanks**

OVER a year ago—on July 10, 1929—when the Karamea district was in the throes of the great earthquake—and still is completely isolated, except for precarious access by way of the sea or along the beach—a marriage was being celebrated and 3YA received a request to broadcast a Wedding March as radio was the only means by which music suitable to the occasion could be obtained. 3YA did so and received the thanks of the parties concerned.

Now, a year later, as indicative of the gratitude felt, comes the following appreciative letter:—

"I am writing to acknowledge and to thank you sincerely for your kind action in broadcasting a Wedding March on the evening of July 10, 1929, during which time this district was in a state of turmoil owing to the disastrous earthquake of June 17, 1929. We appreciated your action very greatly and the reception here was splendid. Once again I thank you most sincerely."

FOR SALE OR EXCHANGE

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

NORMAL weight permanently restored by Youth-o-Form. 6/6 posted. A. C. Timms, Chemist, Pahiatua.

EVERY Radio enthusiast should have **JOHNS, LTD.'s** wonderful Radio Catalogue. Everything for Radio. Post free. Johns, Ltd., Chancery Street, Auckland.

YOUTH-O-FORM—Be slim, graceful, reduce with safety. 6/6 posted. A. C. Timms, Chemist, Pahiatua.

RADIO Catalogue sent on request—Electric and Battery Radios, Speakers, Batteries, Valves, Motors, Pick-ups, etc. Royds-Howard Co., 553 Colombo Street, Christchurch.

HAVE Venus-like figure by taking Youth-o-Form. 6/6 posted. A. C. Timms, Chemist, Pahiatua.

MYSTERIOUS Pocket Lighter. What makes it light? 4/6. Two posted with Spark Pencil, 10/-. Agents wanted. Royds-Howard Co., Colombo Street, Christchurch.

(Continued from page 15.)
The usual dance programme will be given at the conclusion of the relay, followed in turn by the sporting summary at 11 o'clock.

From 3YA and 4YA.

A **VARIETY** programme will be presented by 3YA (and relayed to 4YA). Contributing to the evening's entertainment will be Miss Alma May (contralto, in popular numbers), Mr. David McGill (tenor), the Joyous Pair (in jazz duets), Mr. Robt. W. Rofe (bass), Mr. Eddie Hegan (comic songs and patter), Mr. Sydney Comfort (new humour), Mr. S. E. Munday (clarinet) and Messrs. Stan Birch and Perce Skinner in banjolin and banjo duets.

Hawaiki Calling

A **CORRESPONDENT** under the non-de-plume of "Senex" writes thus: "I desire heartily to congratulate the management of the 2YA Maori Party upon the very marked improvement that is noticeable this year in their performance, and the enterprise of the Broadcasting Company in again incurring what must be a very considerable expense in bringing down this highly talented and well trained body of entertainers to the 2YA studios. As one having considerable experience in the management and presentation of public entertainments in Britain and in New Zealand, I venture to assert, without fear of contradiction, that the party of Maori entertainers from Wanganui would readily secure a lucrative engagement on any of the leading vaudeville circuits of England or on the Continent. Bravo, the Broadcasting Company (with the accent on the 'Limited')."

Would you like to be one of those who get about and SEE PLACES?

Qualified Radio Operators see the world under ideal conditions. Start learning to-day. For full particulars

JOHNSON'S WIRELESS SCHOOL
BRANDON STREET, WELLINGTON.

RADIO SERVICE

By Government Certified Operators

Newest Weston equipment, with our technical knowledge, picks out the faults in all makes of Radio receiving sets, whether battery or all-electric operated.

Our wide practical experience guarantees efficient repair, and our reputation is built upon prompt service.

We do all re-winding jobs, including power packs, transformers and loud speakers.

Amplifiers are built to order for the home, hall or for outdoor shows. Power Packs, Transformers, Chokes and Filter Systems built and guaranteed.

Private broadcast and short-wave transmitters designed or built to specifications and, as required, installed and maintained.

INQUIRIES SOUGHT.

GREEN & DIXON

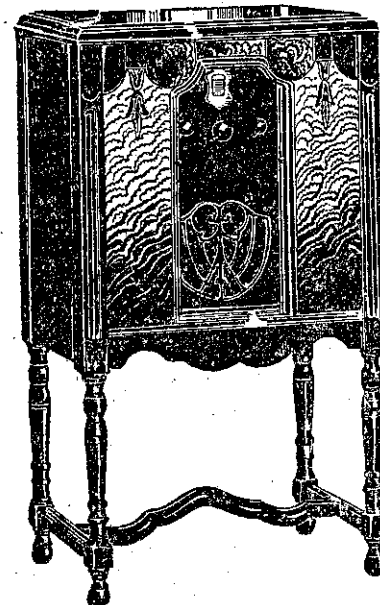
Government Certified Operators,
Phone 28-818. 35 Taranaki Street, WELLINGTON

Unappreciated!

AN announcer employed at a foreign station went one day to the manager to ask for a rise. The manager seemed very surprised. "Why," he exclaimed, "I really don't see my way to increasing your salary. You have nothing much to do. Half the time you are merely standing about listening to other people broadcasting." "Yes, sir," replied the announcer sadly, "that's just it!"

Increasing Battery Life

OCCASIONALLY a battery should be reversed, or in some way altered, in position. This sometimes has the effect of allowing the moisture in the cells to gravitate to the opposite side of each cell and so to engage a part of the elements which was previously more or less idle. In most cases the effect may be unappreciable, but in some, especially where the batteries are kept in a warm, dry position, the improvement will be marked.

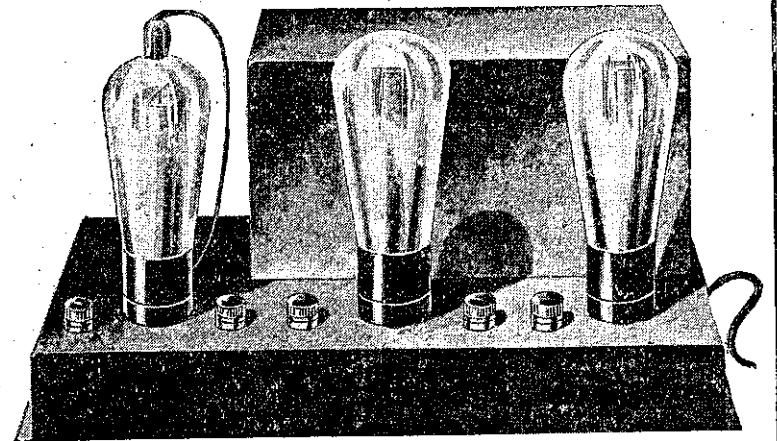


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The Latest in Radio

Prices from £35

Thos. Ballinger & Co. Ltd., 58-62 Victoria-St., WELLINGTON
Where the Quality Goods are Sold



LOFTIN-WHITE AMPLIFIER

Complete, with Valves, £14/10/-.

COMPLETE RESISTANCE KIT 22/6
TRANSFORMERS, with Extra Filament Winding £2/15/-
Full Range of Components for this remarkable Amplifier.

F. J. W. FEAR & CO.

Phone 41-446.

63 WILLIS STREET, WELLINGTON.



Lightning to Order

Pacing the Wind

Aid for the Deaf

As You Wish It

Britain's Laboratory

IN spite of the general depression in trade in England, the electrical industry continues to make rapid and gratifying expansion. A factory has been established on the banks of the Severn in Worcestershire, with the finest electrical research laboratory in the British Empire.

A new township has arisen in the space of a few months in which hundreds of miners from the distressed

A man recently sentenced to fourteen days' imprisonment asked the magistrate to give him a month. He evidently wanted to be quite sure that spring-cleaning will be over by the time he comes out.

areas have found employment and comfortable homes. The new industry is for the manufacture of electrical porcelain and steatite insulators, hitherto imported from Germany and America.

It was demonstrated to a visitor, who was shown over the premises, that thunder and lightning could be made to order. The laboratory is a high rectangular building of concrete, and the transformers, insulators, copper sphere, condenser banks, and other electrical apparatus inside, gives one the impression of being in a gymnasium for giants. There is a rail to prevent visitors from touching the "parallel bars," gargantuan copper, "dumb bells," and strings of hanging insulators; for death stalks the floor at the bidding of a switch.

THE doors were closed and the lights turned off for the observation of the coronas and other discharges. Sparks began to flicker, says the on-looker, there was a staccato tapping as though a hundred typewriters were at work, and blue devil flames leaped about the room. Four hundred thousand volts of electricity. The blue lights flickered into the intensity of sheet lightning. Eight hundred thousand volts, and forked lightning played around the laboratory. The crackling swelled to a howling crescendo, and terminated in a giant thunderclap. One million eight hundred thousand volts, and the insulators passed the test. Then there was silence, and the lights were turned on again.

Until the establishment of this factory, the British Empire had no adequate research plants for work on high voltages. Once again, Britain has been a long time doing it, but has done it characteristically well.

AN instrument has been recently brought out that indicates the speed of the wind at any given moment. Ordinary anemometers give only the average speed for one minute, or for some other interval of time, during which their revolutions must be counted.

With the new instrument the velocity of the wind in feet per minute or miles per hour during gusts can be read off a dial at any given moment. A two-bladed windmill is mounted on the spindle of a tiny dynamo. This dynamo has permanent magnets like those of a magneto, so that current is generated even at low speeds, the voltage varying exactly with the number of revolutions. All that is necessary, therefore, to complete the instrument is a voltmeter, the scale of which is marked in wind velocities. These instruments will be invaluable for measuring the strength of wind gusts on exposed sites for bridges, factory chimneys and other structures.

An Underground Garden

Electrically Lit

WE have all heard of the hanging gardens of Babylon, of certain famous roof gardens, but it has remained for Viscount Fitzalan to establish an underground garden at Cumberland Lodge, Windsor Great Park. Here the plants and flowers, made to grow by artificial light and sunshine, create much interest. Fitted with two great ultra-violet ray lamps, suspended from the roof, and adjustable to any height, this cellar produces choice blooms and fruits which are not ordinarily obtainable until later in the season.

The cellar is kept at a moderate temperature, and the flowers are seldom given more than eight hours' "sun." A shaft of daylight is allowed to penetrate, and the subdued light from this simulates twilight, and the light of early morning, when the lamps are turned off. The effects are extraordinary in some cases. For instance, vegetable marrow seeds become hardy plants, ready to plant out, in 36 hours.

A Recent Invention.

TWO Vienna scientists recently demonstrated an apparatus which, in effect, is an artificial eardrum enabling deaf persons to hear by means

Oh! If I Were—!

OH, if I were a Static

Living in the atmosphere,
I'd never rudely splutter in
When folks are trying to hear.
I'd wander in the skyways,
North, south, and east and west,
At no time would I make myself
A nuisance and a pest.

And yet there are some people—
Oh yes, there's such a lot—
Who think their presence is
required
Exactly when it's not!
They've none of them discretion,
They none of them have tact;
You all should know this creature
—He's the "gooseberry" in fact!

Oh, if I were the Governor,
I'll tell you what I'd do,
I'd make their lives illegal,
"Gooseberry" and Static, too.
Their end should be decisive,
Satisfactory and abrupt;
No more they'd spoil our pleasure,
No more they'd interrupt!
—PAN.

of electric waves transmitted to the brain direct through the auditory nerve.

In the tests, a gramophone record was played in one room and the sound waves were transformed into electric vibrations which were carried by wire to another room. There deaf persons were able to hear the music merely by touching the wire to the ears.

At present the apparatus is complicated and dangerous, because the sounds, after conversion to electric impulses, are greatly amplified.

When cleaning gloves or clothes with benzine, dip the hands in a solution of alum and water to prevent the cleaning fluid from cracking or drying them.

SUFFICIENT light to illuminate the whole room, when required, is now possible from a portable table or floor lamp, with the aid of an adapter unit recently introduced. It makes two lamps out of one, an arc lamp and a flood lamp. The attachment is easily put on and, besides the smaller bulbs for reading, writing or sewing, has a powerful reflector that throws light from a large bulb upon the ceiling.

The lower portion of the reflector is of opal glass, which permits light to shine through the shade so that, when

"I lost £4 and one penny yesterday." "How?" "I offered Dora a penny for her thoughts." "Well?" "She was thinking I ought to take her out for the evening."

the big light is on, the others can be turned off. The effect is pleasing and restful to the eyes, adequate illumination is afforded, and the cost of a separate lamp is saved. The adapter will fit practically any electric floor or table lamp standard, and any shade can be used, if the opening at the top is at least six inches in diameter.

Shop Lighting

SOME very trenchant remarks were made by a Petone business man when recently advocating community shop-lighting and shop-window lighting after business hours.

It is impossible, he said, to over-estimate the psychological effect of the lighting of shop-windows, and the lighting up of streets on the public mind. Towns where the shop lighting is intermittent, and the shop lighting negligible, will not do as much business the following day as towns where bright lighting is a regular feature. Most of the young people of the town pass on their way to work before the shops are open. In the evening, by the time they return home, the shops are again closed. I have no hesitation in saying that the dearthness of streets at night and the lack of adequate shop lighting lose hundreds and thousands of pounds a year.

There are few women who will not bear out the truth of these remarks. Not only does it apply to those who must leave their shopping to others, but it is most often, when a leisurely inspection of the shop-windows is undertaken after business hours, that the vital choice is made.

How Did You Gauge the Situation?

THE majority of competitors took the obvious course and recommended that Miss B. should tell Mr. A. before marriage the fact of her being an adopted child. In this I quite agree, entirely on the ground that if this course were not taken the girl's mind would not be at rest. The very fact that doubt existed in her mind as to whether she should or should not inform her prospective husband shows that she should do so. In the ideal marriage—and on that, facts as stated, there is no reason why his, finally, should not be so described—there should be the fullest camaraderie and friendship. Those qualities can be based only upon absolute frankness.

The walk of life in which Mr. A. is placed makes this all the more essential on the part of Miss B. The fact that he has an ancestral home indicates his status in life, and his conventional nature indicates the importance attaching to conduct, birth, and prestige. Knowing him and loving him as she does, and, moreover, appreciating to the full the responsibilities of his position and standing, Miss B. would be gravely at fault in not informing him of the facts. Whether his love is adequate to triumph over the obstacle—if, indeed, he regards it as an obstacle at all—is outside the question. That is a risk she must take, if she is to attain to the highest standard of conduct. Many girls, it may be conceded, in their desire to make a good match, would doubtless fail under this test, but in my opinion there is only one honourable course open—tell and take the risk.

BRIEF extracts are:—

"I would say: Yes, by all means acquaint Mr. A. of the fact that the late Mr. and Mrs. B. were her parents only by adoption, and so have first say herself. It generally happens that there are a few would-be well-meaning old

"CREDA"

Britain's best in...

ELECTRICAL APPLIANCES.

RADIATORS,
KETTLES,
IRONS,
AUTOMATIC WATER
HEATERS,
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BOILING RINGS, ETC., ETC.

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and DUNEDIN.

Solutions to No. 10, of Trials in Tact

Problem No. 10.—"Conventional Mr. A., loving Miss B., asks her to become his wife and share his ancestral home. Miss B. reciprocates his affection, but before accepting his offer, should she acquaint him with the closely-guarded secret that the highly-respected Mr. and Mrs. B. (now deceased) were her parents only by adoption?"

dears who would be delighted to impart the information even in years afterwards, and then the question would be asked, 'Why didn't you tell me so?'—Unomi.

"If Mr. A. really cares for Miss B. he will undoubtedly appreciate and respect her confidence, knowing full well the effort it would cause, and the anxiety she must feel as to the result of her disclosure. And Miss B. herself will feel much happier and better satisfied knowing that she has done the right thing. Marriage is sacred, therefore the husband and wife should have no secrets from each other."—Eenan.

"As the problem reads, there is a doubt in Miss B.'s mind, and on account of this doubt I think she should frankly tell him everything, otherwise the doubt might trouble her later, when it will be harder to tell. The words 'conventional' and 'ancestral home' suggest that Mr. A. is honourable, and of good family, therefore the secret is safe with him, and will still be 'closely guarded,' whether the marriage takes place or not. Moreover, he loves Miss B., and if his love won't stand a small test like that it would not be much to lean on through life, when much harder tests might confront them both."—Fanny.

"Great as the temptation would be to remain silent, I think before Miss B. accepts conventional Mr. A. she should acquaint him with the fact that she is adopted. Apparently Mr. A., with his ancestral home, is well known, and his marriage would cause a stir, arousing much interest in his wife. The matter of her adoption is supposed to be a closely-guarded secret, but still there may be just one acquainted with the true facts who would not be above discussing the matter, and it might easily reach Mr. A.'s ears. Before marriage the fate rests in Mr. A.'s hands, but after marriage, if he ever should find out, he is likely to despise his wife for her deception. But apart from all this, I think the situation demands straightforward treatment."—Ivy Sen.

Marks Awarded.

Ace, 3; Applepie Mary, 3; Artful, 0; Barbara, 3; Clara, 3; Clericus, 0; Camp-fire, 0; Duplex, 2; Deerfoot, 0; Eenan, 5; Effie, 5; Equity, 3; Fanny, 5; Frances, 4; Flirt, 3; Flora, 0; Heather, 3; Hopscotch, 2; Iota, 3; Ivy Sen, 5; Irene, 3; Kate, 3; Kia-Ora, 4; Maybelle, 3; Mrs. Mason, 5; Michael, 5; Myra, 0; Mavis, 4; Magpie, 5; Nemo, 5; Nintz, 3; Natural, 3; Nomen, 3; Nippy, 6; Mrs. Oldman, 5; Olivia, 5; Open-door, 3; Ooney, 3; Pumpkin, 3; Sardonyx, 5; Summit, 3; Tuner, 3; Topaz, 3; Tommy, 0; Undine, 3; Vivat, 5; Viator, 5; Viola, 0; Verity, 5; Wynward, 0; Weaver, 5; Zenobia, 2; Unami, 3.

"Natural" (2), "Radex" (1), "Sne" (1), "Ben" (1), "Nintz" (1), "La Femme" (1), "Ivy Sen" (1), and "Nemo." Will those in this list who do not receive the money to which they are entitled by early post please write for same, as one or two addresses have been misplaced?

Truly a Modern Home

THE new nurses' home of the Middlesex Hospital, Foley Street, W., is extraordinarily complete. The cost of the new building—£300,000—has been met by an anonymous donor. There are shampoo sprays, electric hair driers, hot and cold water in every bedroom, a ballroom, a Badminton court on the roof, and a hard tennis court below. A swimming bath is in process of completion. There will be no smoke or soot in this oak-panelled, marble-floored building. There are no chimneys, as all the fires are electric.

Something New!

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The Old Order Changeth

THE old order is changing, and it is electricity that is doing it. Not so very long ago the housewife had to do all the heavy work that keeping a home entails, or was faced with the domestic help problem. Which was the worse? Probably having the work to do, but there was not a great margin of difference. So many wives and mothers complain that domestic help, in numerous instances, is hopelessly inefficient and really causes more trouble than it remedies.

Who but the housewife can realise the immense amount of work involved in making a home for a husband and children? 'Tis said that Man's work ends with the day, but Woman's work is never done. And what could be truer, at least under the old order of things?

The modern wife must have leisure—no, she is not lazy—because she has to live a fuller and more complete life than her predecessor. And it is electricity that gives leisure, and leisure without the constant anxiety that other help brings with it.

PARTICULARLY at this time of the year when there is simply no drying in the air, the washing is a task that is a constant bugbear. Frequently it extends over several days; but not with the electric washing machine. It makes laundrying one of the problems most easily solved. Hand power cannot compete with electricity in turning out well-laundered clothes. And that, in a quarter of the time, dry enough for ironing, if desired. Nor need one leave the kitchen to do it. Neat and compact, the machine will work from a heating-point in any corner of the kitchen while a meal is being prepared or a piece of sewing finished.

Electricity, too, will automatically supply a constant service of hot water, and this is a boon in any home. There are many systems suited to different purposes; all are efficient and economical, provided one installs the system that his needs demand.

IRONING done electrically becomes a pastime compared with the old trying, over-heating methods. There is no fire to make up, no heavy irons to lift and carry to and fro, but just a plug to insert. Any odd half-hour can be used to get the ironing out of the way. Where there is much to do, an ironing-machine makes matters easy. The clothes are passed between electrically-heated rollers, while one just sits down and watches the clothes iron themselves. The machine tucks away into a neat little table when not in use.

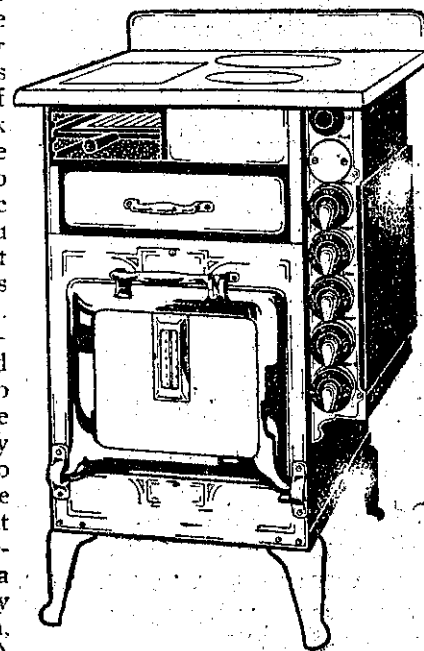
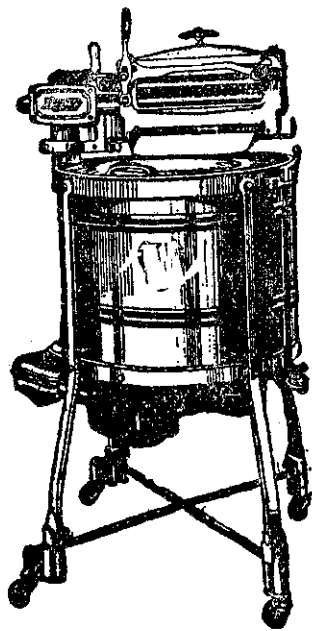
Then, there is the cooking. That is trying, and is likely to make one a little topsy-turvy when working against time. Let electricity do it. In the new way one prepares the food, places it on the range or oven with no more trouble than putting a dish on a shelf or in a cupboard. The electric range is always ready, always reliable; there is no dirt, no fumes, no fire to light, no stoking, and, best of all, no grate to clean up afterwards.

For the efficient and economical running of a house, a refrigerator should not be looked upon as a summer-time luxury. Where time must be saved and waste avoided, it becomes a necessity. It enables the house-

wife to store perishable goods safely, to prepare food in advance, and to make use of all those odds and ends that would otherwise be thrown away. Meat, butter, fruits and vegetables can be kept in perfect condition for days. Consequently, they can be bought more cheaply in quantities.

CLEANING, with the stooping, scrubbing and rubbing it entails, is hard work. It soon wants doing again, too, and in many instances we feel that the place is never really clean. There wasn't time to go into all the nooks and crannies, over the cornices, and behind the heavy furniture. Carpets, too, hold the dust. The electric vacuum cleaner, however, with a minimum of effort, does all the cleaning thoroughly. Upholstery and carpets can be really cleaned, not just the top dirt removed, so that a cloud of dust and germs are disseminated every time they are touched. The dirt is removed entirely, and carried away without coming into contact with the inmates of the house, furnishings or foodstuffs. Polishing attachments enable floors to be kept in a condition of perfection, attainable in no other way. Little or no labour is involved, for it is necessary only to guide the cleaner over the surface.

And don't fires make work? Much of the pleasure of sitting over a good fire at night is spoilt by the vision of next morning's black empty grate, and the cinders, dust and ashes to be removed. Electric radiators will give you equal warmth, comfort and pleasure. There is no wood or coal to carry, no smoke to soil decorations and curtains, and no waiting for the fire to burn up. The portable ones are light and easily moved from room to room, but there are some handsome permanent types. Some of the electric dog-grates make a striking feature for any lounge or living-room, accord (Contd. page 40.)



CAMERAS which snapped a picture every time a sleeper made an appreciable move were used recently in experiments to find the most restful positions for the average slumberer. The cameras were operated by electromagnets connected to the bed springs. The photographs disprove the theories that greatest comfort is attained with the spinal column straight. Because the average sleeper on an average night was found to change his position about every seven minutes. Some of the postures were both unusual and uncomfortable, yet they did not affect the slumber. The more common positions assumed by the sleepers have been named the "swimming sprawl," the "kitten coil," the "kitten coil reverse," and the "cud-

TWO contemporaries have remarked this week that many women in Great Britain now wear their wedding rings on the third finger of the right hand instead of the left—exercising their rights.—“Phoenix.”

A LETTER from London gives the following advice: If you are getting an extra evening frock, let it be of flowered chiffon or silk voile. Then when the summer comes, if you add to it a little taffeta coat in the predominating shade of the dress, you will have the last word in afternoon toilettes.—“Mannequin.”

A film of the interior of a lung has been taken at a Berlin hospital, the lighting being effected through a new reflector system. The film depicts the progress of an internal operation, and the breathing movement of the lung as well as the pulsation of the heart is clearly shown—inspecting the internal affairs.—“Phoenix.”

A RECENT bride, who was formerly a business girl, has installed a card-index system for cooking recipes in her kitchen. A shoe-box will hold several hundred cards, and if filed under their various headings, the recipes are easily found, added to, or discarded at will. Wouldn't hubby be pleased!—Molly.

IF you are one of those women who deplore a lack of inches, now is the time to replenish your wardrobe at figures well below cost. The sales are on. Storekeepers, evidently convinced that longer skirts have come to stay, are selling model gowns of the abbreviated variety, in many cases, for a few shillings only. Little women certainly seem to get the best of things in this life!—“Petite.”

NOT only are we women the slaves of Fashion, but even the Lords of Creation often succumb. At one time the gentleman's silk collar was so much in vogue that it caused a slump in the linen collar market of America. However, the manager of one firm had a brain-wave. He bought up several hundred cheap silk collars and had them distributed among the negro population, giving them two each. Next day every negro in the vicinity had donned a silk collar. Henceforth, the linen collar trade was restored, for no white man would be seen wearing a silk collar.—“Nada.”

A FINE appeal to be kind to flowers was made recently in London by Dame Henrietta Barnett. “Besides being kind to animals,” she said, “I hope you will be kind to the flowers. Can you fancy not being a girl or boy, but being a flower? Would you like to be trodden on? Or torn up by your roots? Would you like to be picked, carried home some distance, and then thrown away? Or how would you enjoy being taken from the bright fresh air into a close little house, and then forgotten, and be left to die of thirst?” I think that very fine.—Mabel.



WHAT are the most popular mascots and luck-bringers? And what most certainly causes bad luck? To put a sock on inside out is thought to assure a lucky day. To see a piebald horse is said to be lucky. To pass under a ladder is unlucky—particularly if the paint drops. In spite of all wise saws as to there being no such thing as luck, the belief persists.

Even Rothschild held the view. “Never,” he said, “have anything to do with an unlucky man or an unlucky place.” And an old Arabian proverb said, “Pitch a lucky man into the Nile and he will come up with a fish in his mouth.” Juvenal declared, “A lucky man is rarer than a white crow.” And if that be true and Henry Ward Beecher's declaration be also true, “A man

never has good luck who has a bad wife,” what a sad commentary upon the quality of wives. Where is the lucky man who is as rare as a white crow?—“Nigger.”

A DELUDED school teacher asked the class to write on the cow. Here is the winning contribution:—“The cow is a mamal and is tame. It has six sides, right, left, fore, back, upper and lower. At the back it has a tail, on which is hanging a brush. With this it sends the flies away so they do not fall into the milk.

“The head is for the purpose of growing the horns, and so that the mouth can be somewhere. The horns are to but with, the mouth to mo'e with. Under the cows hangs the milk, it is arranged for milking. When people milk the milk comes, and there is never any end on the supply. How the cow does it I have not yet learned, but it makes more and more. The cow has a fine sense of smell, one can smell it far away. That is the reason for the fresh air in the country. The man-cow is called an ox . . . it is not a mamal.

“The cow does not eat much, but what it eats it eats twice so it always gets enough. When it is hungry it mo'es, and when it doesn't say anything, it is because the stomach is full of food.”

Prize Poem Competition

THIS week the selection of the prize poem proved somewhat arduous, as a considerable amount of meritorious work was received. Our final choice rested on “A Tribute to Mount Cook” by J.R., and we think our readers will appreciate these dignified stanzas which reflect something of the aloof loveliness of the greatest peak of the Southern Alps. S.E.F.-J. commendably breaks new ground, and we reserve her rollicking lines for further consideration next week.

“Oh Mack” in her truant verses tells of a ramble in a roadster, the driver of which is a dreamer of dreams, possessed of a roving eye which misses nothing of the lovely detail of the open road.

“The World Around Us”: Too long, too diffuse for our pages.

“Doreen”: We hope to print your topical lines.

“Sonnet”: A creditable effort, not quite up to standard.

“Margaret B.”: We admire the idea in your small poem, expressed with an admirable economy of words.

“Lewisham”: Your lay of a Lost Town, quaint, wistful and imaginative, is too lengthy and descriptive for our purposes.

“John Storm's” verses invariably appeal, and “Spring Song” is no exception. We hope space for it will be found some time.

“Lucrece”: No, thank you. Your style emphatically is not ours.

F.J.L.: Too scattered in thought and expression. Try to condense. Take Barrie's advice to a would-be litterateur: “Concentrate, concentrate, though your coat-tails are on fire!”

A Tribute to Mount Cook

Your God-wrought peak that stands alone
Defies the warring ages;
Against your icy brow has blown
The futile blast which ne'er has shown
A trace upon your glist'ning throne
From battles that it wages.

Your Titan ramparts deep are scarred
By cliff and grim rock masses,
Where virgin snow-fields lie unmarred,
Where threat'ning ice-walls stand on guard,
While gleaming glaciers are starred
And slashed by blue crevasses.

With gentle kiss the lightest cloud
Your cheek may be caressing,
Or blizzard's icy-fingers shroud
Yet leaves your hoary head unbowed,
Invincible, unbeaten, proud,
Your kingship well expressing.

—J.R.

A WITCHING hour was spent in the studio of 2YA on the night of the first broadcast of the performance of the Wanganui Maori Party. Those fortunate enough to be present found it a remarkable experience to hear and see these artists in blood-curdling haka, melodious song and chorus, and watch the graceful, whispering dance of swaying poi maidens. We brought away an impression, on the one hand, of primitive, whirling emotion translated into wild dance and gesture; and on the other of that appealing simplicity and gentleness so characteristic of the race. A solemn hymnal was infinitely touching in memory of fallen comrades, and a requiem to the late Sir Maui Pomare a fitting tribute to the dead statesman. Afterwards a melodious-voiced stalwart, in full war-paint, sang “Home, Little Maori” and “Waiata Poi,” while good old “Home, Sweet Home” was rendered by a singer whose lovely quality of voice made it yet again the song that reached our hearts. The leader of the party proved himself an irresistible dynamo of energy, verve and aplomb, and focused attention when flourishing an enviable greenstone mere, he made dashing debut in a horrific haka. One fascinating ensemble, in which the entire company took part, was a medley of whirling motion, picturesque grouping and stirring ejaculation; while in front of this fascinating farrago subtly moved a Maori maid, her dark glance aloof, one slender hand clasping greenstone charm, the other uplifted as though in incantation. Backward and forward across the foreground she passed, colourful, and remote as some sinuous Eastern beauty pictured by Dulac in illustration of the Rubaiyat. An unusual and memorable evening, bringing a sigh for the memory of those who fell by the wayside, and a smile of hope for the future of this gallant and poetic race.—“Annabel.”

Real and Artificial Facts About Pearls

IT is well known that pearls if not constantly worn, and if shut away from light and sunshine lose their charm and beauty, become, in fact, what experts call "sick." The first wife of the present Duke of Westminster wore her famous pearls day and night, until one sultry evening she discarded them and left them on the dressing-table. The gardener, decking out the bedroom balcony with flowers early next morning, evidently knowing a good thing when he saw it, stole them. Little good they did him, however, for he was unable to dispose of them, and was obliged to bury them on a suburban common.

Should you chance at any time to see a row of sick-looking pearls at a reasonable price, and you have anything of the gambler in your make-up, you might do worse than to buy them. Bathed in sea-water, and given liberal doses of sunshine, such pearls often grow well again and become of fabulous value.

A pearl is really built up of layer on layer of carbonate of lime, skin on skin, just like the layers of the so much more homely onion. One of the best ways to tell a real pearl from an artificial one is to test it with the teeth. If the pearl is smooth to the teeth, it is imitation; if it is gritty, it is the product of Nature. The wonderful iridescence is caused by the light playing on the thin layers of nacre of which the gem is built.

Some pearls are due to a tiny parasitic worm attacking the oyster which, in self-defence, wraps the worm in slime that duly hardens into nacre. Once the worm is imprisoned the oyster goes on adding coat after coat until in the course of years a pearl is formed. The parasite, however, is not always the cause of pearls in oysters. A grain of sand, a particle of mud, a bit of sponge, a piece of seaweed, a scrap of shell—all these are some of the things that have been found in pearls and adjudged to be the cause of them.

The beautiful blister pearls, so much used for pendants and rings, are really half-pearls, that the oyster has built round some foreign substance that has sought to invade the shell.

LONG ago, when the pearl fisheries of Japan were being over-fished and in danger of being wiped out, Mr. K. Mikimoto, member of the House of Lords in Japan and a scientist, endeavoured to breed and rear "tame" oysters, that would also be pearl-producing. Countless experiments were conducted, but after many failures came the most brilliant idea of all. It was to introduce a seed pearl or a grain of mother-o'-pearl into a covering of the mantle of an oyster and then insert this bodily, or so to speak, graft it, into the incision made in the mantle of another oyster. It meant sacrificing the life of one oyster to render another

Beneficent Electricity

Electrical and Radio Questions Discussed

A LARGE number of delegates attended the annual conference, in Wellington last week of the Electric Supply Authority Engineers' Association. Mr. H. F. Toogood, president, occupied the chair.

The report of the association stated that a special sub-committee had been set up to deal with the radio regulations, the importance of which was obvious. The question of earth leakage had been prominent during the year, and after intensive investigation by the Public Works Department, a proposed regulation had been drafted and would be finalised immediately after the conference. A sub-committee appointed to bring down a complete set of lift regulations would commence its work in the near future.

The report stated that the use of instantaneous water-heaters had had been considered further, but so far no action had been taken by the Public Works Department to protect supply authorities. It was believed that very valuable results would accrue to the country when the Department of Scientific Research Committee had completed its investigations into the

pearl-producing. First of all, only blister pearls were produced, but after twenty years experimenting, a free pearl was found that contained the nucleus inserted many years before.

To-day, a vast organisation exploits this idea. Millions of oysters are cultivated and grown on thousands of acres of sea-bed; miles of coast are leased for the purpose in the neighbourhood of Ago Bay, Omura Bay, and other places. At three years old, they are operated on by carefully-trained men, and such skill and delicacy are required to place the nucleus between the stomach and kidney of the pearl that no more than fifty oysters can be dealt with in a day by one man. In spite of this, and the enormous expense entailed, if three oysters in a hundred contained a free pearl seven to nine years after the operation, the crop of pearls was about fifteen times greater than from "wild" oysters. Now, owing to improved methods, the crop of pearls has been increased to twenty-five in a hundred, but if a pearl fisher finds even one first quality pearl in 500 oysters, he considers himself fortunate. A year after each oyster is operated upon, it is examined under X-rays, and if a failure is, of course, at once discarded. Consequently, to-day the pearl grower knows fairly accurately what the season's crop of pearls will be.

application of electricity to agriculture.

During the year the following authorities had withdrawn from membership:—Havelock North Town Board, Thames Borough Council, and Hawera County Electric Co. The Golden Bay and South Taranaki Power

Eventide

The day is done: and tillers of the
soil
Pled slowly home, a-weary from
their toil,
Repose to seek. Upon the drowsy
wold,
Like soothing balm to peacefully
enfold,
Comes grateful rest, where dark-
ness soon will grant
This short respite to man, and
beast, and plant,
Where darkness soon will hide
from human sight
The earth's grim scars beneath
the pall of night.
And as in life our mortal span
we reach,
When rest from strife and sad-
ness comes to each,
So fall the shades upon the trials
of day,
To vanish as the twilight fades
away,
And o'er the land the silence of
the tomb
Descends on us from night's en-
shrouding womb.
—J.R.

Boards had joined the association. The present membership stood at 76. The year ended with a balance of £326 2/10. Thus sum was nearly equal to the next year's anticipated expenditure. In view of the improved financial position, the application for a grant from the Power Boards' Association was reduced from £150 to £50.

The Farmer's Wife.

MR. H. F. TOOGOOD, president of the Electrical Supply Authority Engineers' Association, paid a just tribute to the farmer's wife. He said, in his address, that the farmer's wife faces her obligations as a mother, wife and home-builder better than any woman in the community, and with the greater disadvantage of obtaining domestic help only with much difficulty. Electric service, Mr. Toogood maintained, means much more to the farmer's wife than to the more fortunate woman in the closely-settled areas. He hoped that the association would most heartily support any movement with the object of removing the disadvantage under which the rural authorities labour regarding bulk electric supplies pur-

chased from the Public Works Department.

Expansion Necessary.

MR. TOOGOOD urged that in view of the growing business of many of the authorities, extra capital expenditure on investment of profits in extensions was necessary. The time was therefore opportune to review thoroughly the regulations before this phase of development was too far advanced. The Public Works Department had apparently realised this also, and was preparing for a revision.

IN New Zealand the small rural authorities pay the highest prices for bulk electric supplies, and no effort is made by giving cheaper current or monetary aid to assist them to serve the sparsely-populated districts, complained Mr. Toogood. The Ontario Government, in contrast, subsidises rural reticulation schemes to the extent of 50 per cent. of the capital cost of lines in the same manner as the New Zealand Government subsidises the cost of road construction in the backblocks. The Ontario Provincial Government is prepared to assist rural consumers by making grants to the Hydro-Electrical Commission for loss in revenue due to lower rates for current to such consumers. "Until the initial impost of £2 per k.v.a. imposed in New Zealand has been removed it cannot be said it is the policy of the Public Works Department to make serious effort to help backblock settlers to obtain current," said Mr. Toogood, "but rather by their methods of charging they are actually imposing some restriction on rural development."

"Catch 'em Early."

MR. TOOGOOD said that their first difficulty is in inducing the householder to accept electric service, and this is primarily because of the cost of the necessary equipment. The case of a new house is different, because with electric service other ex-

(Concluded on page 40.)

ARE YOU A SMOKER?

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Beneficent Electricity

(Continued from page 39.)

penses such as washhouses, kitchen chimneys, etc., can be eliminated if electrical equipment is adopted. In equipping a new house electricity can offer unequalled service at almost the same cost as the more primitive methods. Some supply authorities search building permits regularly to find out when building is proposed, and where new houses are in the process of being built an active canvass is made to induce owners to adopt electrical service. This, while being of some value, is a late point to start, because quite frequently plans have been prepared and contracts let prior to the building permit being asked for, and some difficulty is met in making changes.

Mr. Toogood urged that the point to start was with the architects and builders, and some supply authorities have done this with marked success. Notwithstanding their efforts to educate the public it appeared that there were still a number of architects who did not give their clients any lead on the matter of the service offered by an electrical board. Mr. Toogood mentioned the economies affected by the use of electricity in the size of the kitchen and scullery in many cases,

and the saving would almost, if not completely, cover the cost of an electric range, washing-machine, and hot water system. In country districts where wood or coal fuel was used, he considered the saving would be in favour of the electrically equipped house.

Supply authority engineers were advised by Mr. Toogood to approach all architects at regular intervals, and induce them to accept electric domestic service as a high ideal worthy of their

In an article on "Simple Physical Exercises," a doctor says that it is a wise plan to walk upstairs occasionally on tip-toe. Husbands who return home several hours later than usual would also do well to remove their boots.

advocacy. He condemned the principle of some supply authorities who, he believed, offered contractors a bonus or percentage on cost of electrical equipment installed in houses built by them in order to induce them to amend a contract in favour of electrical equipment. If they could prove that an electrically equipped house could be built for less money, and that the extra cost of the electrical equipment would not be burdensome to the owner, Mr. Toogood was sure all reputable architects whose code of ethics was beyond reproach, would think in terms of electricity for household service.

The Modern Help

(Continued from page 36.)

with any period of decoration, and satisfy the most exacting luxury-lovers. With their illusion to real fuel, their flickering glow and steady warmth, they leave nothing to be desired.

Electric lighting is ever so much more efficient and clean than either the old-time kerosene lamp or gas. Again, no dirt, no harmful fumes, no work entailed—not even the striking of a match.

Of minor appliances, to add to the efficiency and comfort of the home, of course, there are many. The tumbler water-heater, so handy for bedroom or diningroom; the electric kettle, the toaster, the griller, the waffle iron, the warming pad, and the coffee-percolator. In no other way can such perfect service be attained. What household task is there that electricity will not do cheaply and well? The electrically-run house is the acme of efficiency and comfort.

Spelling Bee

(Concluded from page 37.)

tion of the cause of the mistake shows that our friend the printer was responsible for two, and our office for the other two. The errors were:—

impresario for impresario
liquor for liqueur
mackerel for mackerel
loblolly for loblolly

These words will be corrected in the official list of words which will be issued early in August. The booklet, which will include the very interesting articles on the "Growth of Words" and the "Lighter Side of Words," by the Rev. A. B. Chappell, M.A., recently given from IYA, Auckland, will be on sale from ourselves and dealers at a nominal figure. The literary standard

The traffic policeman at a busy corner saw an old lady beckon to him from the curb. He held up a dozen cars, one truck and two taxicabs, and went over to see what the woman wanted. "I just wanted to tell you, Mr. Policeman," she said with a happy smile, "that your number is the same as that of my favourite hymn."

of Mr. Chappell's addresses and the mass of information contained in them will add to the value of this booklet. Listeners by its aid will be able to check up on competitors in the course of the contest.

WE trust that the foregoing variation will succeed in interesting competitors. There is no doubt as to the interest of the public in the matter, and with the measures now taken to preserve anonymity it is to be hoped that a fair representation of scholarship will come forward.

A pinch of carbonate of soda stirred into milk as soon as it arrives will help to keep it sweet in hot weather.

PROVED RECEPTION AND TONE

are the two major points which potential radio receiver owners must consider. Gulbransen has REPRODUCTION because it is necessary that a receiver should be able to tune in all broadcast stations within a given range and TONE, well, just listen to a "Gulbransen," either combination or a straight radio model, and hear the beautifully-toned dynamic speaker, giving each note its full chromatic value, and then you will understand why hundreds have chosen the "Gulbransen."



HIGHBOY£55

LOWBOY£50

THE "9950"£39

THE GULBRANSEN PRECISION BUILT NINE-IN-LINE

SCREEN-GRID RADIO

Get a demonstration from your local dealer, and compare "Gulbransen" features with other receivers.

Factory Representatives

H. W. CLARKE
LIMITED

182 Wakefield Street,
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PAM

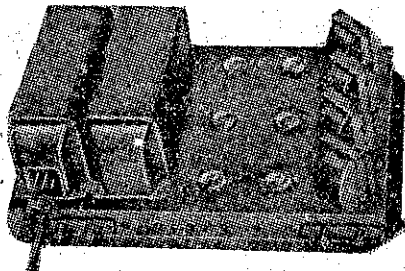
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INCORPORATING PAM AMPLIFIERS, WRIGHT-DECOSTER REPRODUCERS AND ASSOCIATED DEPENDABLE EQUIPMENT.

You have a complete, reliable, efficient plant to instal when you say PAM. You ensure complete satisfaction for your customer, and build up a sound connection and goodwill.

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A vast new field of profitable business is opened to active radio dealers, in the shape of Sound Installations. One of the largest and oldest manufacturers in America, famed for quality, workmanship and engineering ability, is concentrating on the production of Sound Amplifiers and offers the most complete range of reliable plant in the world.



Indoor Installations for halls and cabarets.

Outdoor Public Address Plants. Installations for tearooms, dining rooms, hotels.

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To the pioneer dealer who first grasps these opportunities in his locality comes the greater volume of business.

WRITE FOR FULL PARTICULARS

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USE WRIGHT-DECOSTER REPRODUCERS.

Cherry Kisses

Ingredients: 2oz. ground almonds, 3 oz. fine white sugar, 1 egg, few drops of vanilla essence, 2oz. glace cherries.

Method: Place the almonds and two ounces of the sugar in a basin. Separate the white from the yolk of the egg, and with it, mix the sugar and almonds into a stiff paste, and then add the vanilla. Sift the baking board with sugar and turn out the paste. Roll out about half-an-inch thick. Divide the paste into small lozenges, press half a cherry on to each. Place on a dish and leave to dry.—Miss A. Naish.

Ginger Nuts

Ingredients: 3 teacups flour, 1 teacup sugar, $\frac{1}{2}$ teacup dessicated cocoanut, 3 oz. butter, 1 teaspoon ground ginger, $\frac{1}{2}$ teaspoons baking powder, 2 tablespoons golden syrup, pinch of salt, a little milk.

Method: Mix the dry ingredients, rub in butter; add syrup and enough milk to make a firm paste; roll out about $\frac{1}{2}$ inch thick. Cut in small rounds, and bake in moderate oven.—"Nada."

Orange Rocks

Ingredients: 1lb. flour, $\frac{1}{2}$ lb. sugar, $\frac{1}{2}$ lb. butter, 1 teaspoon bicarbonate of soda, 2 teaspoon cream of tartar, 1 egg, $\frac{1}{2}$ cup of orange juice, 2 tablespoonsful of marmalade.

Method: Mix all dry ingredients, rub in butter, add well-beaten eggs, the rind of the orange grated, the juice and the marmalade. Drop the mixture in small rough pieces on the oven tray and bake in oven at 350 degrees for 20 minutes. This mixture makes 40 cakes.—"Mary."



A Cooking Hint.

—One that means lighter, fluffier, more delicious scones and cakes—with higher food value and a much longer period of freshness.

Add a few spoonfuls of ANCHOR SKIM MILK POWDER to every mixture.

Ask your grocer for "ANCHOR" TODAY.

PRICE 1/2 PER TIN.

Free Recipe Folder—write to "Anchor," Box 844, Auckland.

COUNSEL for the COOK

THESE columns are devoted this week to filling the cake and biscuit tins. The prize of 5/- goes to "Evelyn" for the recipe for the delightful little buns, which keep well, called Nutty Joys.

Ingredients—

$\frac{3}{4}$ lb. butter, $\frac{3}{4}$ lb. flour, 1 cup brown sugar, 1 heaped teaspoon cinnamon, a little salt, 1 cup walnuts (do not chop), $\frac{1}{2}$ -cup sultanas, $\frac{1}{2}$ -cup dates, $\frac{1}{2}$ -cup raisins, $\frac{1}{2}$ -teaspoon bicarbonate of soda, 3 eggs.

Method—

Rub the butter into the flour, add all the dry ingredients, and lastly the three eggs, well beaten. When well mixed together, drop the mixture on to a buttered oven sheet in teaspoonfuls. Bake well and not too brown, say about 15 to 20 minutes.

Foam Biscuits

Ingredients: 3 cups flour, 1 cup butter, $\frac{1}{2}$ teaspoon baking soda, $\frac{1}{2}$ cup milk, 1 cup sugar.

Method: Boil sugar and milk together, add sugar, allow to foam and cool. Rub butter into flour, and then add above mixture. Roll out thin and bake in quick oven. These quantities fill a 3lb. tin.—"Alfa Joy."

Date Surprises

Ingredients: $\frac{3}{4}$ lb. flour, $\frac{1}{2}$ lb. butter, $\frac{1}{2}$ lb. fine sugar, 1 egg, 1 teaspoon vanilla essence, 1 teaspoon baking powder, dates and almonds.

Method: Stone the dates and place a blanched almond in each. Cream the butter and sugar well, add the egg and essence, and lastly the sifted flour and baking powder. Mix well and then coat each date with the mixture. Roll into balls and dip in sugar. Place on a cold tray in a hot oven (450 degrees) and bake for about 20 to 30 minutes. Makes about 50 surprises.—"Tao."

Peanut Cookies

Ingredients: 1 cup butter, $1\frac{1}{2}$ cups sugar, 3 well-beaten eggs, $\frac{1}{2}$ orange or lemon rind (grated), 1 cup roasted peanuts (coarsely chopped), 3 cups flour, $\frac{1}{2}$ teaspoon baking powder, $\frac{1}{2}$ teaspoon salt.

Method: Cream the butter and sugar add the eggs, rind and nuts, and the flour sifted with the baking powder and salt. Mix well together and drop by teaspoonful on a floured board and pat into thin rounds, using the floured bottom of a cup. Place on oiled pans and bake in a hot oven (425 degrees) for about 7 minutes. Makes about 60 cookies.—Miss Whitejaw.

Golden Syrup Scones

Ingredients: $\frac{3}{4}$ lb. flour, pinch of salt, $\frac{1}{2}$ teaspoon (level) baking soda, 1oz. butter, 1oz. lemon peel, 2 dessertspoons golden syrup, some milk (preferably sour).

Method: Sieve the flour, salt and soda, rub in butter, cut the peel into small pieces and add. Mix all the dry ingredients together, put the golden syrup in the centre of them, and add sufficient milk to make a soft dough. Turn on to a slightly floured board, and roll out. Cut into shapes,

able food, if treated in a certain way. As sold, they contain vitamin B in satisfactory quantity, but no vitamin C. This vitamin is killed in the drying process. It can, however, be re-acquired if the peas are soaked in water for 24 hours, and then laid thickly upon a cloth exposed to air in a warm room (kitchen will do). The cloth should be sprinkled with water, morning and evening, to keep it moist. In three days they will sprout, and at the end of a week they will have shoots from half to one inch long.

Being now very tender, they can be lightly cooked and are not only an attractive novelty, but a very wholesome dish containing plenty of vitamin C as well as D.

Steamed Puddings

Ingredients: One large cup of flour 2oz. of sugar, 2oz. of margarine, one egg, 2 tablespoons of marmalade, 1 small teaspoon carbonate of soda, half a cup of milk.

Method: Sift the sugar, salt and flour, rub in the margarine, add the beaten egg, also the marmalade, and mix with the milk, into which the soda has been dissolved. Steam three hours, and serve with custard sauce.

place on a greased tin and bake for about 15 minutes. Brush over with a glaze of 2 teaspoons of sugar to 2 tablespoons of milk, then return to oven.—"Electric Oven."

Improving Dried Peas

DRIED peas, obtainable from almost any grocer, become a very valu-

"FRESH ROLL MARGO"

Best results are assured from any recipe using—

"Margo Fresh Roll MARGARINE"

Get the habit of saying:

It must be "FRESH ROLL" packed in "sealed" yellow and green cartons.

SPRING VACATIONS
By RAIL

ALREADY the young folk are eagerly anticipating the joys of the August vacation, when cheap train fares FOR EVERYONE, from and to all stations, offer wonderful possibilities for relaxation after the stress of school work.

Tickets (obtainable any time in advance) will be available for travel from August 21 to 30—return up to September

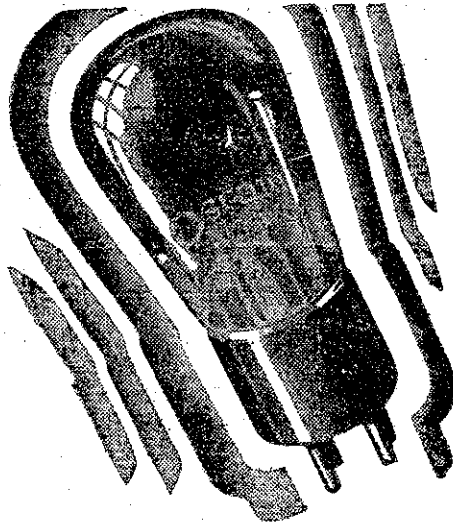
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Plate Volts . . . 150 max.
Amp. Factor . . . 15
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L 410

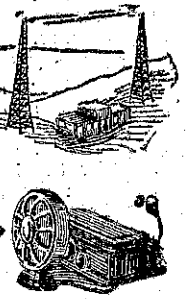
In every way L410 costs you less. It is lower in price. It consumes only one-tenth of an ampere and makes your "B" Battery last longer. The filament is coated in a special manner, thus prolonging its life to an appreciable extent. You can use L410 in any 4-volt battery-operated set for Radio frequency amplification, as a detector, or in the first audio stage. Your dealer can advise you which Osram Valve you need—he knows all the equivalents. If he should not have in stock the Osram Valve you need, it will be sent direct, safe delivery guaranteed. The "Osram Valve Guide"—a useful little book detailing all Osram Valves—is free for the asking.

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Radio Round the World



THE broadcasting station at Moscow transmits propaganda lectures in German twice weekly, stressing the advantages of the Soviet system of Government.

A COMMITTEE has been formed at Bindhoven, Holland, to consider the proposal of the erection of a monument in that city to commemorate the invention of wireless telephony.

A LOS ANGELES housewife has attached a pair of headphones to a cable so long that she can move anywhere in her bungalow without missing a minute of the local station's programme.

THE experiment of broadcasting offers of employment from the Tokio station is proving eminently satisfactory. Since September last this Japanese station has regularly broadcast information regarding the labour market, with details of situations vacant.

A PUNISHMENT which appears to be out of all proportion to the crime has been imposed on an Englishman residing at Leavenworth, Kansas. For operating an unlicensed wireless transmitter he has been sentenced to one year's imprisonment, to be followed by deportation as an "undesirable alien."

RADIO is rapidly assuming an increasing importance as a safety factor in German aviation. All multi-engined aeroplanes, and even a large number of single-engined planes, carry a small transmitting and receiving plant. There are now fifty-six German stations exclusively used for aviation purposes, while in 1926 there were only eight.

HERR SLISKOVIC, an Austrian scientist, recently demonstrated before a public audience, consisting largely of wireless experts, a new system of television developed by himself. It is reported that his apparatus reveals several distinct advantages over the Baird television system at present operating in England.

A PROMINENT English sportsman has recently purchased a three-engined Supermarine metal monoplane flying-boat, which has a cruising speed of 100 m.p.h., and can carry a crew of three and six passengers. The wireless installation consists of a half-kilowatt transmitter, with a range of 400 miles, for telegraphy and telephony;

a direction-finder and two receivers, one for "broadcast." There are two aerials, one a trailer, for use in flight, the other being fixed between the wings. The complete installation corresponds in power and range to the normal installation on a ship of 5000 tons.

IN an address before four thousand delegates at the National Music Supervisors' Conference at Chicago recently, Walter Damrosch, dean of American orchestra conductors, stressed the value of radio in extending appreciation of music. It will soon be possible, he said, for 27,000,000 school children throughout America to listen to symphony orchestras.

IT is now possible for the great majority of telephone subscribers in Australia to speak to 4,000,000 telephone subscribers in Great Britain, and to the majority of subscribers in 14 European countries. The next extension in radio telephony will be between Australia and New Zealand. When this is completed the Australian stations will possibly be used to give telephonic connection between New Zealand and Great Britain.

A STRIKING contrast of the old and the new was afforded at the thirteenth International Eucharistic Congress held recently at Carthage. In the very ruins of the amphitheatre of Carthage, where so many Christians suffered martyrdom, were located a number of microphones to pick up and broadcast the delegates' speeches.

THE huge German motor liners Bremen and Europa, which are on the trans-Atlantic run, have the most extensive wireless systems of any merchant vessel afloat. Their wireless equipment permits permanent use of three lines of duplex, which means that messages can be sent as well as received on all three simultaneously. The transmitters do not affect the receivers, although they are installed directly alongside them in the same rooms, and the aerials are fastened to the same masts. Six radio operators are required to work the equipment.

WIRELESS broadcasting is certainly not so successful and so popular in France as it is in other countries in the world. To begin with, ranked by power of stations, France is about the thirtieth on the list. Again, Britain's total wireless power is more than twenty times greater than that of France, while the radio exports from the former country is nine times that of the latter.