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AND

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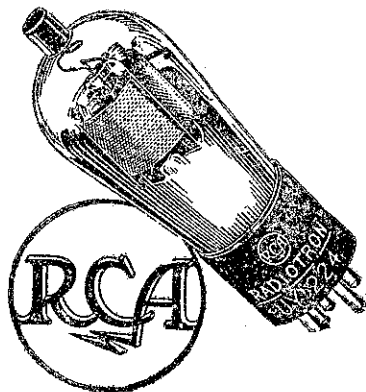
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4YA to Broadcast

RIGOLETTO

by Verdi



MR. ALFRED WALMSLEY

late of the Carl Rosa Opera Company, England, who will produce the complete opera "Rigoletto" from 4YA on Monday next.

—Steffano Webb, photo.

opera, and much of his character has been attributed to this incident in his infancy.

When a boy of seven, that is nearly a hundred years ago, he became a serving boy in a village church, and it was here that he realised the power that music had over him. Once through his pre-occupation in the organ music he forgot the ritual and was knocked unconscious by a priest whom he failed to supply with water at the right moment. His musical career can be said to have commenced when his parents gave him a spinet (a kind of harpsichord) and, exploring the possibilities of this, discovered the major third and fifth of the key of C. On trying to repeat this experience the next day, no matter how he tried, he could not locate the combination of notes. In a fit of anger he seized a hammer and began to belabour the instrument which, of course, yielded to his exhortation and had to be repaired. Instead of making a charge the spinet-maker inscribed:—

"This I do gratis in consideration of the good disposition of the boy Giuseppe Verdi shows in learning to play on this instrument which quite satisfies me for any trouble. (Signed) Stephen Cavaletti, A.D., 1821.

THIS outburst is, however, by no means typical of Verdi, who was outwardly calm, gentle and reserved.

His musical ability was discovered a little later by an itinerant fiddler, and fostered. At the age of eleven the young Verdi, who had received considerable coaching from good musicians, became organist of the church of his home village. When only 18 he was given a bursary to enable him to study in the Conservatorium of Milan, but that body of musicians did not want him, it being stated that the youth showed no musical disposition.

However, he took private lessons in composition, and returned to Busseto as conductor of the Philharmonic Society and organist—this was in the year 1833, and Verdi was then only 20 years old. Two years later he married, and at the age of 24 he returned to Milan with the finished score of an opera, "Oberto, Conte di San Bonifacio," which was accepted and performed with success in 1839. This was Verdi's first opera, but before this time he had been busy, having written between 13 and 18 marches for brass band, short symphonies, six concertos and variations for piano (which he played himself), and a cantata.

He was immediately commissioned by the musical authorities of Milan to write three operas, one every eight months. During

IN 1814, during the seemingly uncontrollable advances of the Napoleonic Armies, a little village in the north-west of the province of Parma in the north of Italy was sacked by the invaders. In terror the women and children fled before the foe and, fearing massacre, sought shelter in a church, where they believed they would be safe. But it was not so, the pillagers rushed in and murdered all they could reach. One woman sought the cover of the belfry, and there with her infant child huddled, unobserved while all below were murdered.

This was the mother of Verdi, who was destined to be one of the world's greatest writers of

the composition of his first commissioned opera, Verdi's wife and both children died in swift succession; small wonder that an opera distasteful in subject, and completed under such conditions should prove a "dead failure." Verdi was despondent and determined to give up composition for good. However, the Commissioners persuaded him to set to music Solera's "Nabucco," which was given at La Scala in 1842 with tremendous applause. The success of "I Lombardi alla prima Crociata" also at La Scala the following year was yet more emphatic, especially as voicing; symbolically, the national aspirations of the patriotic Milanese. Success followed success, and the great heights to which he attained were due to hard work and a love for the art.

Verdi's works naturally group themselves into three periods. The operas of the first period, ending with "Stiffelio" (1850), while making concessions to the prevailing taste, give evidence of an inborn dramatic instinct, superior to that of any of his compatriots, a fact which Italian critics recognised from the beginning.

THE second period is ushered in by "Rigoletto" (1851) and ends with "Don Carlos" in 1867.

Whereas during the first decade of his career Verdi wrote at least one opera every year, new works now appear at increasingly longer intervals; there is a steady improvement in the technical workmanship, and a noticeable growth as regards artistic moderation and refinement of taste. His powerful individuality saved Verdi from ever becoming an imitator. It is known that Verdi was a great admirer and close student of Wagner's scores, but in all his music there is not a single reminiscence, nor one measure for which he is indebted to the Bayreuth master.

Verdi married again in 1849, and after his second wife's death he founded to her memory a home for aged musicians of either sex; for its maintenance he set aside immediately £100,000, and after his death the royalties of all his works, payable for 30 years. The full extent of this last provision may be estimated from the fact that during his life Verdi received in royalties from "Aida" alone the sum of £160,000.

"RIGOLETTO" is one of Verdi's earlier operas. It was produced in 1851, and its composer died just half a century later. It is in the older discontinuous style (with set songs, etc.), and is very Italian in its type of tune and in its expression of passion. The plot is based upon a play of Victor Hugo, "Le Roi s'amuse" ("The King's Diversion").

In any selection from "Rigoletto" we are sure to find two or three tunes that, as soon as the work was produced (in Venice, three—(Concluded on page 2).



Colonial Broadcasting

French Scheme

ALTHOUGH in broadcasting matters France has shown no tendency to outstrip Great Britain, it appears certain that the problem of colonial broadcasting will be more speedily settled in the former country.

The French Colonial and Postal Administrations have agreed upon a project for the establishment of a high-power short-wave station at St. Cloud, near Paris, for communication with all overseas possessions. The scheme will be proceeded with immediately. Parliamentary votes the necessary credit. No opposition is expected.

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Rigoletto

(Continued from page 1.)

quarters of a century ago), were whistled all through the city. We shall almost certainly hear the Duke's gay song about women, "Questa o Quella," telling how one is as good as another to him; his uncomplimentary ballad, "La Donna e mobile" ("Woman is fickle") and the ecstatic "Caro nome," the love song of Gilda, the heroine, when she calls upon the "dear name" of her lover (the Duke, who has pretended to be a poor student). The detached, descending notes at the opening of this song make it easy to identify.

The Plot of the Opera.

THERE is the gay Duke of Mantua, whose life is one long adventure with pretty women. High or low in degree, it matters not so long as they gratify his will. His hunchback jester, Rigoletto, is his fidus Achates. Even the

Court of Mantua have their feelings outraged and resent it on Rigoletto. Count Monterone, whose young daughter has been betrayed by the Duke, turns and curses Rigoletto for having arranged the affair. Unknown to the Duke, Rigoletto has a pretty daughter, Gilda, whom he keeps in hiding, fearing the Duke may cross her path. When the Duke confides in him that he has caught sight of a pretty girl at church, the jester, little guessing the girl is his daughter, promises more sport.

Rigoletto, still trembling in fear of Monterone's curse, seeks out his daughter to make sure of her safety. She does not tell him, however, of the handsome young stranger she has met in church. In the meanwhile some of the courtiers, having found out that Rigoletto is guarding a young girl, jump to the conclusion that the girl is his mistress, and plan to abduct her, adding to the irony of it by telling him they are seizing a certain other damsel. Thus they enlist Rigoletto in their scheme, telling him, however, that he must come with them blindfolded. So, unwittingly, Rigo-

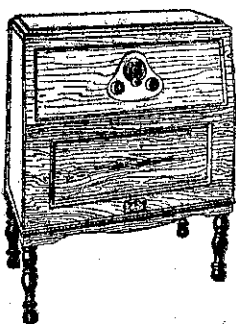
letto actually aids in carrying off his daughter to the Duke's private apartments.

Rigoletto discovers the plot, and hastening to the palace, arrives only to find that his daughter has been betrayed by the Duke. Rigoletto vows vengeance and seeks out Sparafucile, a hired assassin, who agrees to murder the man who calls and asks for his sister, Maddalena, that night. The bargain is struck, and Rigoletto pays the blood-money.

Rigoletto induces Maddalena, Sparafucile's pretty sister, to entice the ever-amorous Duke to her home that night. Once there, the ruffianly assassin will complete the bargain. Gilda overhears this plot and, in spite of the fickleness of her ducal lover, resolves to save him. The Duke goes to Maddalena's house. The time comes for the assassin to murder the Duke, but Maddalena has listened to the Duke's love-making, and would save him. Her brother says he has agreed to kill someone, and he means to.

This gives Gilda, who is in hiding there, the chance she wants of saving her Duke. Passing herself off as a page, she presents herself at the door. To Sparafucile it is all one; he has been paid to kill a man who calls to see his sister. He stabs the page. Gilda's body is sewn up in a sack preparatory to being thrown into the river. Rigoletto, to complete his revenge, claims the body and carries it to the river-bank himself. As he is about to cast it into the water, he hears the voice of the Duke singing a love-song in the distance. He cuts open the sack and finds his beautiful daughter, Gilda, expiring. The curse has been sheeted home.

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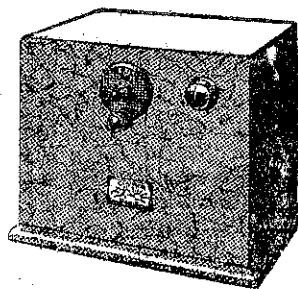
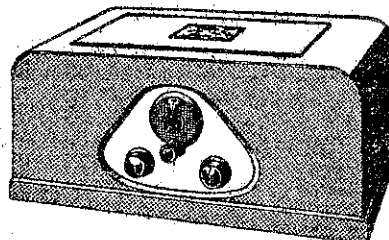
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A FURTHER refinement for the listener who prefers radio de luxe, has been introduced by an American radio manufacturer. By the aid of this new device it is possible for a listener to draw up a composite programme comprising selected features from different stations, and to arrange for the receiver to switch over automatically from one item to another.

It but remains for an inventor to devise a set that switches on and off a given word of command, and radio has reached perfection.

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SO the great match is over. And radio played its part nobly. While 50,000 must have actually seen the match, only wild guesswork can set a figure to the number who listened to the broadcast description.

Round each of the 50,000 licensed sets in the country there were grouped on this occasion probably an average of at least seven or eight people. That lifts the radio audience into a figure approaching the half-million—and even at that the figure is only speculative. The fact is outstanding that radio rendered a definite service to the sporting community of the country and by that means secured for itself



MR. CHAS. LAMBERG.
—Andrew, photo.

and for its subject a wonderful advertisement, using that word in the sense of public knowledge.

Both the announcing and transmission on the part of 2YA left nothing to be desired. Mr. Lamberg excelled himself in his running commentary on a thrilling game—a game so fast as to frequently outstrip the power of speech to follow the incidents. At times Mr. Lamberg admitted his inability to keep up with all the fine points of the game.

Nevertheless he made a wonderful job of his task and earned the gratitude of all listeners. With the aid of diagrams listeners could visualise in excellent fashion the run of the play and secured all the thrill possible without actual presence.

Listeners in distant spots were not slow to appreciate the treat that was being given them by radio, and very soon after the commencement of the game telegrams began to arrive both at the park and at the studio conveying the senders' appreciation of the description and the transmission. Acknowledgement was made of many of these messages at the time and subsequent to the match. They indicated the outstanding success of the broadcast and of the complete technical arrangements made for perfect transmission.

FOR those who could not gain admission to the park, the Big Tree Oil Company, in conjunction with Philips Radio, arranged suitable reproducing apparatus in the Winter Show building. Upward of 600 people were present.

Bright Entertainment from 2YA

Limerick Competition in Eight O'Clock Revue is Most Successful

AS readers know, in connection with the 2YA Eight O'Clock Revue, conducted by Mr. Will Bishop, a Limerick Competition is a feature. There was a very big entry for the first competition, and six were chosen by the judge as best, and read over the air, and the public invited to express their preference for a winner from those six. This popular vote has now been concluded, and the award goes to Limerick No. 6, which reads as follows:—

*There was a young lady named Prue
Watched the football at gay Timaru.
She said, "How exciting
To see the boys biting,
It's really as good as the zoo."*

The sender of this entry was Miss Mary A. Wells, Te Rae-te-Whaka, Makirikiri, Wanganui, to whom a cheque for one guinea has been sent by the "Radio Record."

Second Limerick Competition.

HEAVY entry has also been received in connection with the second competition, announcement of which will be featured in the 2YA Revue on the night of Tuesday, August 12. The six Limericks that will be read then are as follow:—

No. 1—
*A certain diminutive flapper
Was fishing one day for some snapper;
Her mother said, "Dear,
How wet you appear,"
And proceeded right truly to slap
her!*

No. 2—
*A Victorian young lady called Russell,
With a ten-pounder fish had a tussle,
As she floundered about
That elusive old trout
Said, "I'm hooked, my young dear,
in your bustle."*

No. 3—
*Zane Grey's heart was terribly sore,
His fishing results had been poor;
If he'd only ask me,
I'd suggest Lambton Quay
As a place he can find sharks galore.*

No. 4—
*Uncle Billy a trout likes to fight,
He says, "Fishing gives boundless
delight";
But you should hear him grouse
When he finds that his spouse
Has fished through his pants in the
night!*

No. 5—
*The Announcer, up early and bright,
Went fishing, but got not a bite;
Too much interference
And no hook adherence,
So as usual he said, "Go-o-o-o-day
Night."*

No. 6—
*Three fishers went fishing one day
Off Wellington wharves, sad to say,
For what did they fish up
But poor old Will Bishop,
His Missus had put him away!*

The public are invited to express their preference for the best one of these six, and forward their vote to

Pedigree Stock Sale Broadcast by 2YA

AN event of special interest to dairy farmers will be a broadcast by 2YA on August 20 of a sale of pedigree Ayrshire bulls. This will commence at 2.30 p.m. at the wool stores of Messrs. Wright, Stephenson and Co., Ltd.

The stock to be offered for sale was imported from Canada under a guarantee fund financed by certain New Zealand farmers, and only those concerned have the right of purchase. During the course of the afternoon the president of the New Zealand Ayrshire Cattle Breeders' Association will give a detailed outline of the scheme for importing pedigree stock. As Wednesday is normally 2YA's silent day, the station will close down at the conclusion of the sale.

Mr. Will Bishop, c/o "Radio Record," P.O. Box 1032, Wellington.

The subject of the third Eight O'Clock Revue Limerick Competition is "Motor-cars or Motoring," and limericks bearing on that topic must reach Mr. Will Bishop, c/o "Radio Record," P.O. Box 1032, Wellington, to arrive on or before the first post Thursday, August 21.

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Electric Home Journal

(Incorporating the "Canterbury Radio Journal.")

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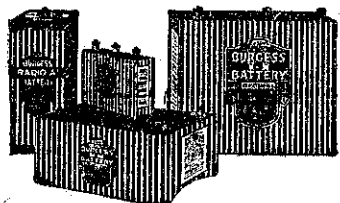
Advertisers are asked to note that alterations of advertisements should be in hand Friday of each week for insertion in the succeeding issue, printed Tuesday, bearing Friday's date. No responsibility is accepted for blocks remaining unclaimed three months after each insertion.

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

WELLINGTON, FRIDAY, AUGUST 15, 1930.

EDITORIAL NOTES.

MUSIC Week was in progress in Wellington throughout last week, and will be featured in Auckland and Christchurch next week. While Wellington experienced a very regrettable bout of severe weather in the early stages, and so was handicapped from the point of view of attendance, it is certain that music lovers must have revelled in the quality of the fare provided. The most outstandingly successful features of the week were the community singing at midday in the Town Hall and the children's concert on Friday evening. The Town Hall on Friday evening was completely packed on the occasion of an outstandingly brilliant performance by the school children of the Wellington district. This evening was certainly the brightest spot of the week from the point of view of popularity and interest. It is greatly to be regretted that the weather was not more kindly in the earlier period. In spite of that drawback, however, the attendances were considerable, although they might easily have been better. Experience in organising and quality of programme is always gained by such efforts, and we venture to think that one point that might suitably be borne in mind by the executive of Music Week for their future guidance is the desirability of meeting popular taste to a greater degree. As musical performances of high quality and skill the concerts were unimpeachable, but greater variety of programme with more popular appeal would, we think, have had its reflection in box office receipts. After all, the aim of the venture was to popularise music, and it becomes a question of tactics whether that objective will be best gained by an undiluted dose of classical music or by a programme watered down, if that phraseology will be permitted, by a proportion of more popular matter. The success of the children's concert itself on one side, and the recent success of the Radio Exhibition with the popular appeal made by the Maori performers on the other, show that the public are willing to turn out in large numbers when their tastes are catered for.



**BURGESS
RADIO
BATTERIES**

THE fourth test has come and gone. The historic match was attended by the record football crowd of New Zealand, estimated to run to somewhere about 45,000 people. That huge attendance conveys its own testimony to the popularity of this sport (to a cynic it might possibly invite reflection in comparison with the results of Music Week). The cases, however, are not parallel. All the world loves a combat, and in modern life, with its ordered regularity and increasingly routine nature of existence, the primitive instincts turn more and more to sport for their expression. In New Zealand, too, there is but little from the nature of things of major importance to excite popular interest. Attention, therefore, is inevitably concentrated upon sport. In late years, as various modern amenities such as better roads, faster motor transport, superior rail services, more quickly distributed newspapers, and above all radio, have developed, it has become possible for interest in any one thing to be more abundantly shown than formerly. Whereas at the time of the visit of the Springboks the record attendance was about 22,000, to-day a crowd of 45,000 assembles. The population certainly has not doubled in the interval; therefore the increased interest is due to the cumulative effect of the various factors mentioned. Of those factors radio is not the least important, and in their record attendance on Saturday the Rugby Union was certainly reaping the popularity evoked by the steady broadcast by radio throughout recent seasons. The influx of country visitors from far afield has shown the hold that Rugby has upon the whole country, and indicates that radio has built a Rugby audience far beyond the confines of the cities primarily concerned.

AN interesting survey of the results of the educational system in New Zealand was given in Auckland recently by Dr. H. B. Fitt, M.A., Professor of Education at Auckland University College. His remarks appeal to us as correct and exact—so exact indeed as to challenge serious thought on the part of all interested in the future of education. Briefly, Dr. Fitt finds that our education system is producing a generation of standardised citizens of too staid and law-abiding a character for real progress. We learn well by rule of thumb. We imbibe knowledge and reflect it accurately. We are good machinery cogs, but we lack creative capacity. We lack initiative, spirit and spontaneity. We are too coldly efficient, staid and law-abiding. Culture, that something which provides a release from the tyranny of work, should be more strongly incorporated in our teaching. We should be encouraged to be creative in art and ideas, and to that end music, the arts and creative work should be more definitely encouraged. Intellectually we are abreast of the world, but our insularity and homogeneity tend to make the country run in a rut. Frankness demands admission of the truth of these statements. We do not see a ready remedy, but if more elasticity and creative capacity can be incorporated in our educational system, it would be much to the good.

"Radio Record" Spelling Bee

Entries Close August 14

ENTRIES for the "Radio Record" Spelling Bee close on August 14 at our office, or by post to "Radio Record," P.O. Box 1032, Wellington. The entrance fee is 1/-.

The contest will be held in the 2YA studio on the evening of August 23, and will be broadcast as already announced.

A preliminary contest will be held from 1YA on the evening of Tuesday, August 26, and the winner of the con-

test will be brought to Wellington at the expense of the "Radio Record" for participation in the Wellington contest.

The "Radio Record" Spelling Bee booklet, giving the list of words to be used as the basis of the contest, is now available, and has been distributed to the principal booksellers in Auckland and Wellington. Listeners at other points who are interested in having a copy of the booklet in order to follow the progress of the Spelling Bee, are advised to either write direct for a copy, price 6d., or ask their booksellers to procure same for them. Also reprinted in the booklet are the two articles by the Rev. A. B. Chappell, M.A., which appeared in the "Radio Record," viz., "The Growth of Words," and "Pleasures of the Dictionary."

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2YA's Announcer

Gains Us One Subscriber

IN a recent issue we made the painful announcement that 2YA's announcer had cost us one subscriber, as one gentleman declined to renew his subscription "unless Mr. Drummond were given the sack." In recording this amusing incident, we invited any supporters of Mr. Drummond to rush their subscriptions in to replace this severe loss. This facetious appeal was effective in several cases, but one of the best letters received on the point was as follows. This has come from a subscriber in the South Canterbury district:—

"My subscription to the 'Radio Record' expired with the last issue. I had decided, owing to a policy of retrenchment, to allow my subscription to lapse. My mind was quite made up on that point. However, on perusing your last issue and what I thought was to be my last copy of your paper, I saw where you were threatened with the loss of a subscriber unless you 'sacked' Mr. Drummond. Now, as an admirer of your announcer and one who has very pleasant recollections of an afternoon spent in his studio six weeks ago, I write in haste to make an offer—in case, in this time of financial stringency, you should be tempted to bow to this subscriber's wishes and dispense with your announcer's services. I herewith enclose the wherewithal for a renewal of my subscription, on condition that you don't sack Mr. Drummond."

So Mr. Drummond still holds his job.

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Music Week in Christchurch

Notable Bodies to Broadcast

WELLINGTON has just concluded its "Music Week," while next week festivities of a similar nature will be in full swing in Auckland and Christchurch. All the Wellington programmes were broadcast by 2YA. In Auckland "Music Week" commences on Sunday, August 17, when the Rev. T. Olds, who will be the preacher at the Strand Methodist Mission when the service will be broadcast, will speak on "Music and Religion." The afternoon programme from 1YA will also have special bearing on Music Week. Every item presented will be accompanied by the necessary explanatory notes.

Every evening through the week, attractive musical programmes, arranged by the "Music Week" committee, will be presented in Auckland, and, with the exception of Monday, the usual silent day, special programmes arranged by 1YA will be broadcast from the studio.

ALL the programmes arranged by the Christchurch Music Week Committee will be broadcast by 3YA. These concerts will be presented in the Civic Theatre, and the best of Christchurch musical talent will contribute. The programmes to be broadcast are referred to in detail elsewhere in this issue.

There is no doubt about Christchurch Music Week being a success, for among those contributing are: Christchurch Liedertafel (Mr. A. Worsley), Christchurch Male Voice Choir (Dr. J. C. Bradshaw), Cathedral Choristers, Professional Musicians Orchestra, Christchurch Orchestral Society (Professor O. Savini), Madame Gower Burns' Glee Club, Bloy's Banjo Band, Woolston

Band, Miss Marian Woodhouse's Glee Club, Mr. Temple White (organist, of Wellington), Burwood School Choir, Papanui School Choir, Papanui Silver Band, Dr. T. L. Crooke (organist, of Christchurch), Dr. C. Edgar Ford (organist, examiner for Trinity College, London), Derry's Military Band, Christchurch Harmonic Society (Madame Ottley), Christchurch Municipal Band, Beckenham Male Quartet, Grand Opera Quartet, Salon Quartet.

Among the individual contributors will be found such outstanding personalities as: Mr. Frederick Page (pianist), Miss Alice Vinsen (contralto), Miss A. Harley Slack (pianiste), Miss Lucy Fullwood (pianiste), Madame Gower Burns (soprano), Mr. C. R. Williamson (tenor), Mr. Leslie Fleming (baritone), Mr. H. J. Francis (tenor), Miss Marian Woodhouse (contralto), Miss Lillian Hanham (soprano), Miss Corrie Aslin (soprano), Miss Dulcie Mitchell (contralto), Mr. G. Blakeley (tenor), Mr. J. Graham Young (baritone), Mr. E. Rogers (tenor), Mr. F. C. Penfold (baritone), Mr. A. Gordon (violinist), Misses Sylvia, Delcia Phillpott and Kathleen Bond (in vocal trios), Christchurch Instrumental Quartet, Mr. A. Bunz (pianist), Miss Millicent O'Grady (songs at the piano), Mr. W. H. Prescott (tenor), Miss Marjorie Alexander (pianiste), Mr. W.

Personal

MISS MURIEL JOHNS, a popular 3YA artist, is to be married shortly and will live in Wellington. Miss Johns may be regarded as one of the pioneer radio artists of Christchurch, as she has sung regularly for 3YA since the opening of the station.

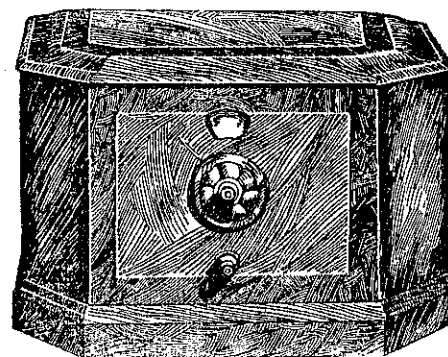


She was one of the well-known Joyous Trio, who were popular entertainers at 3YA some time ago. She is now a 3YA soloist, and is one of the Melody Maids. Miss Johns will broadcast again on Monday, Aug. 25, and will make her last appearance at 3YA on Saturday, August 30. After that, listeners will look forward to hearing her from 2YA.

MISS AMY HANSARD, who was to have sung illustrative songs in the special Coleridge-Taylor programme from 1YA on Friday, August 15, is now unable to sing. It is probable that Mr. Len. Baries will sing in her place.

Toomey (baritone), Miss Edna Donaldson (mezzo-soprano), Mr. Noel Newson (pianist), Miss Aileen Warren, and Professor Zimmerman (piano and violin duet).

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RADIO CALLS FOR

MORE TRAINED MEN

DRULEIGH COLLEGE

TASMAN BLDGS., ANZAC AVE., AUCKLAND.
STATION Z.L.I. bx.



So great was the crowd that by 1 p.m. all available space, both standing and seating, was occupied. The small boy in the foreground is still hopeful of selling programmes.

—L. Wallace, photo.

Incidents in the FOURTH TEST

Description Broadcast
by
ALL YA STATIONS



This will give some idea of the crowd who lined up before 12.30 to gain admission. Most of these people had reserved seats, for the unreserved had been taken up much earlier in the day.

—L. Wallace, photo.



A British player caught in a moment of indecision as to which way to turn to avoid the tackler. Spong is racing up in the background.

—L. Wallace, photo.

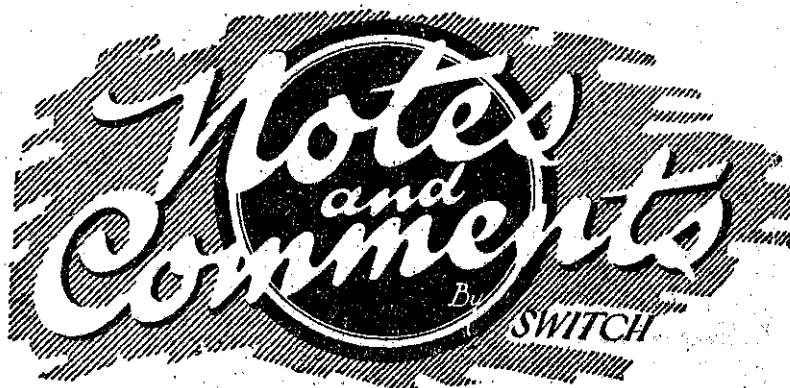
A MISS RUBY McDONALD, a violinist, who is stated to have acted as conductor for St. Patrick's Choir, South Dunedin, has been playing for 2BL, Sydney. She is said to have played in America for some time. The writer believes that the lady is identical with one who was leading violinist at a certain Wellington theatre some years ago.

IN recent notes "Switch" mentioned that 4QG, Brisbane, had changed its frequency, and was then clashing badly with a Japanese station. The paragraph had hardly been set up when the Brisbane station changed back to its former frequency, and is now heard as clearly as ever. 4QG now possesses exceptionally good tone, but during the recent southerly blow was subject to considerable fading though there was little distortion.

FURTHER proof that JOHK, Sendai, frequently relays JOAK, Tokio, is forthcoming. A Japanese friend of the writer has been interpreting for "Switch" the playlets broadcast from the Japanese stations. On many nights lately the same playlets and performers have been heard from both stations. The Japanese friend was able to identify the performers, some of whom enjoy nation-wide fame as theatrical actors and actresses. Most of the radio plays heard were comedies, some of which possessed a subtlety of philosophy which was quite surprising.

SOME of the latest a.c. broadcast receiving sets "Switch" has seen are now equipped to couple up with a radio-vision receiver. The signs are that radio-vision is still in a most primitive stage, but the Americans are insistently booming it. In New York there is already a television theatre. By means of a wonderful machine the players' voices and their images are projected into the air to be picked up by receivers, with television attachments, in private homes. The results are undeniably crude, but as radio scientists are unceasingly experimenting it may be that we are on the eve of great developments in this field.

PLANS for the erection of a short-wave receiving station at Tokio (Japan) are now completed, with a view to the relay of European programmes. If the Empire short-wave broadcast station, to be discussed at the Imperial Conference, becomes a reality, possibly a special short-wave receiving station may be established somewhere in the vicinity of Wellington, away from power-line and other leakage sources, to facilitate rebroadcasts by 2YA, Wellington, and relays by other YA stations.



THE thought does not appear to enter the minds of some listeners that when they complain of a flaw in transmission the trouble is really in their own sets. The writer has been informed on unimpeachable authority, which, incidentally, is confirmed by others, that a certain Wellington suburban listener has been complaining lately of the quality of the broadcasts of gramophone records by 2YA.

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	8
3LO, Melbourne	7½
4QG, Brisbane	7½
3AR, Melbourne	6
2GB, Sydney	5
2UE, Sydney	4
3UZ, Melbourne	3½
7ZL, Hobart	3
3DB, Melbourne	2
5CL, Adelaide	2
2KY, Sydney	1½

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

"Switch" was appealed to and he found transmission as near perfection as could be imagined. He telephoned to a number of other experienced listeners and received unanimous endorsement of his experience. Listeners were visited also next day, and they were astonished at the quality of transmission being questioned. The fact is the complainant himself has not been able to get corroboration of his opinion.

AN experienced radiotrician recently mentioned to "Switch" that some sets have a penchant for emphasising certain frequencies which are not accepted by the vast majority of up-to-date sets. These frequencies are embodied in the transmission, and are properly balanced so that they give merely the various qualities of timbre of the instruments or voices. A few up-to-date sets seize on these higher frequencies and so emphasise them as to create unpleasantness to the ear of the listener. Any listener who experiences this trouble should visit the homes of other listeners before lodging a complaint.

THE N.S.W. Chamber of Commerce has written to the Commonwealth Prime Minister: "The Radio Manufacturers' Association, a section of this chamber, is greatly concerned at the action of the Director of Postal Services in reducing the wavelength of station 2HD (Newcastle) to 212 metres. We are of the opinion that it is unwise for the Director of Postal Services or for any one man, for that matter, to make any alterations in wavelengths without first consulting those who have to live and work under those revisions—the manufacturers and distributors of apparatus and the broadcasting stations." "Switch" finds the Newcastle station all wave and no music—merely a rumble.

A BAD stutterer giving radio lectures on voice culture! Yes, it certainly sounds humorous, but it is true, except that the lecturer no longer stutters. Mr. Allan McSkimming was once a particularly bad stutterer, but set to work and completely cured himself. He has since made the study of the human voice his life work and is an acknowledged authority on the subject. At present he is giving a series of nine talks on "Voice Culture. Ancient and Modern" from 1YA on alternate Tuesday evenings. These are

presented in such a manner that the interest of the least concerned person should be awakened, and the series should not only interest but directly benefit radio artists and others who use their voices for special purposes. In the course of his talks Mr. McSkimming will answer such interesting questions as: "Why was Caruso the foremost tenor of the century?" and "Why do some great singers and orators retain their wonderful voices into old age?"

MR. J. ROBINSON, director of 4QG, Brisbane, could be heard the other night reading out replies to various correspondents, some of whom had been unfairly critical of the items transmitted by that station. Mr. Robinson's remarks were extremely fair and tolerant, and he thanked various correspondents for their suggestions. One critic, however, who hid himself under anonymity came in for a thorough trouncing at the hands of Mr. Robinson. Some folk labour under the delusion that by making themselves anonymous they are doing something smart in writing venomous and unfair criticism, but the very fact that they desire to hide their identity is a fatal weakness in their case.

MANY visitors to the recent Melbourne Radio Show were disappointed to find that it was a silent exhibition, and there were no demonstrations with the receiving sets on view. A Melbourne friend writes that there was widespread regret, especially among country visitors, who were desirous of hearing the quality of tone of the various exhibits. Although some carping critics object to demonstrations at radio shows, exhibitors themselves know what great interest is evinced by the public in comparing the tonal qualities of the sets and loudspeakers displayed.

THE recent Wellington Radio Show proved that continuous demonstrations by sets and loudspeakers did not prevent record attendances. Personally "Switch" himself, who moved among the visitors at the show, heard a continual buzz of conversation from people comparing the relative tonal qualities of the sets and loudspeakers. This sort of thing stimulated interest and business. It was observed that many visitors to the Wellington Radio Exhibition went backwards and forwards from stall to stall, evidently making comparisons of tone. While a few conservative critics may have objected to the demonstrations, simply because they had sets of their own, those who took careful note could not fail to be impressed with the success of the decision to permit demonstrations at the exhibition.

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Identification Wanted

THERE are two American stations operating just above 72L Hobart, which are to be heard any favourable night at weak speaker strength. Also a station on 2YA's wavelength (an American judging by music), which can be heard on Wednesday nights (not WLW).—"Unconscious" (Timaru).

ON July 29, at 8.15 p.m., I received a short-wave station on 11.5 metres, fading badly. The announcer said: "Hullo, Melbourne; hullo, Melbourne. Are you waiting?" Here we lost the station, but picked it up again and heard a voice say: "We have no message for you. We are 47 miles off the coast of —, BG and L calling.—"Just Started" (Stratford).

AMERICAN station operating on about 326 metres (920 kc.), on the nights of July 30 and 31. He was coming in between 3UZ and 1YA. After Auckland closed down this station was about R7 on the speaker, but static was so bad that it was impossible to hear any announcements. However, during a lull in the barrage he announced a call sounding like KVI Washington. I see in the "Guide" that KVI has not been heard in New Zealand. I am using a 4 v. B.D., and so far have logged 92 stations on the broadcast band. These include 24 New Zealand stations and 32 Americans. My latest loggings are KTAB, KMTR, WOAI, KTRH (all in America), COMK China, and JOJK Japan.—H. Walker (Bluff).

ON August 2, at about 9 a.m., I tuned in a Californian station half a point below 3DB. A request programme was being broadcast. Items heard were: "Somebody Mighty Like You," "The Wedding of the Painted Doll," and "Frankie and Johnny." The call was —California. At 9.30 p.m. 3DB started their music session and blotted out his other station. My log is now 50

THE D.X. CLUB

Views and News.

stations, my latest being KNX—"D.B." (Wellington).

ON August 2 between, 11.45 p.m. and 12.45 a.m., I heard an Australian who was exactly two hours behind us. Everything was beautifully clear, but although I usually heard every word of the titles, static drowned the station call every time. At 12.15 three dance numbers were announced, "Miami," "American Medley," and "Painting the Clouds with Sunshine." Dial reading was 371, while 2HD comes in on 30 and 2YB on 43. I have heard 5K9 on 461, but could not find them there last night when I looked about 12.30 p.m. On the same evening I heard the following announcement (from 3DB, I think): "Station 5AD Adelaide relaying through 3DB Melbourne, 3BA Ballarat, and 2GB Sydney," but can find neither 5AD nor 3BA mentioned in the "Guide."

On a recent evening we heard the following message repeated several times. We thought we heard "2ME, Sydney." But is 2ME a longwave station? The wavelength is about 220m. (1360 kc.), but 2HD Newcastle tunes in at 30 and the new station at 20. As near as we could catch the message was as follows: "All your messages received O.K. You are to berth at Commonwealth Oil Co.—turning west unless further orders received from the shore." (This was repeated three or four times).—Incubu (Waitaha).

ON August 3, at 07.00 I heard a station on approximately 79 metres (3797 kc.). A lady announced in some foreign language, and an orchestra then played. The music was clear with slight

surging. R7, QSA5, QRN slight. At 08.00 speech was R4, QSA3, reception very gushy. At 09.00 only a faint carrier was audible. To date I have logged 150 stations on my Schnell det. and 2 audio. I have received verifications from 17. I started logging in May of this year. I also heard the station that "Amazon" reported. I made his call to be 3PY—"Z.L.D.X." (Palmerston North).

I HAVE lately heard an American on about 263 metres (1140 kc.). I have been unable to get his call. He is located at Salt Lake City, Utah. I wonder if this would be KSL, 275 metres? He is one degree below 2ZM, and is probably the station lately heard by A. D. Rogers. Thanks to "Liederman," Timaru, for information re 3BY—"Amazon" (Palmerston North).

ON 5/8/30 at 7.30 p.m. I heard a station transmitting on 3ZC's wavelength. From what I could gather I think this is a Christchurch amateur. I heard him talking about different stations and how he received them. He said he was waiting for a card from 4ZM (or 4ZO) Dunedin. He also asked if somebody at New Brighton with a crystal set and a two-stage amplifier was hearing him. He then went on to give hints about crystal detectors and earth-pipes.—T.N.I. (Timaru).

COULD any D.X. member tell me what station was operating right on top of 3ZC, Christchurch (250 metres, 1200 kilocycles) on 5/8/30, and remaining on same item for some considerable time? A gentleman was singing a few lines of what seemed humorous old songs, etc.

Some of the items were: "Has Anybody Here Seen Kelly?" "I Wish I Was a Little Fish," and so on. Signal strength was R6-8, with fading. I left him owing to heavy static and local interference. Time from 8.15 p.m. onwards. 3ZO overpowered the station at times. It required careful tuning to part them.—"Bob" (Wellington).

COULD any listener tell me the address of W2XAF on 81.4 metres, 2ME, Sydney, and RV15, Khabarovsk? I receive all these stations at R9 on a two-valve battery-operated set. On the afternoon of August 3 I heard W2XAF broadcasting a talk and calling up someone. Just above this one was another American station also broadcasting talk (about 3 metres above). No call was given. Would this be the station Mr. Sellens heard on July 20 playing orchestral music? VK2ME, Sydney, was calling GBP on the same afternoon on 37 metres at R9. On August 1 a station was heard at 7 a.m. broadcasting operatic music at R4-5 on 80 metres. The music and singing sounded like Italian. Would this be 3RO, Rome? He was also heard on the following morning at 7 a.m., but weaker. Could anyone identify a station on the 40-metre band on August 2 at 6.45 p.m.? It was an American talking with some other station, at R8. The call sounded like WFC—"J.C." (Vogelstown).

[The address of W2XAF is c/o General Electric Co., South Schenectady, New York; of VK2ME is c/o Amalgamated Wireless (Asia) Ltd., 47 York Street, Sydney; and of RV15, Khabarovsk, Siberia.—Ed.]

COULD any D.X.-er give me the call-sign of the Chinese station operating on 454 metres (665 kc.)? Also the call of the Philippine Island station operating on 484 metres (620 kc.)—the same wavelength as 3AR?—"M.B.S." (Palmerston North).

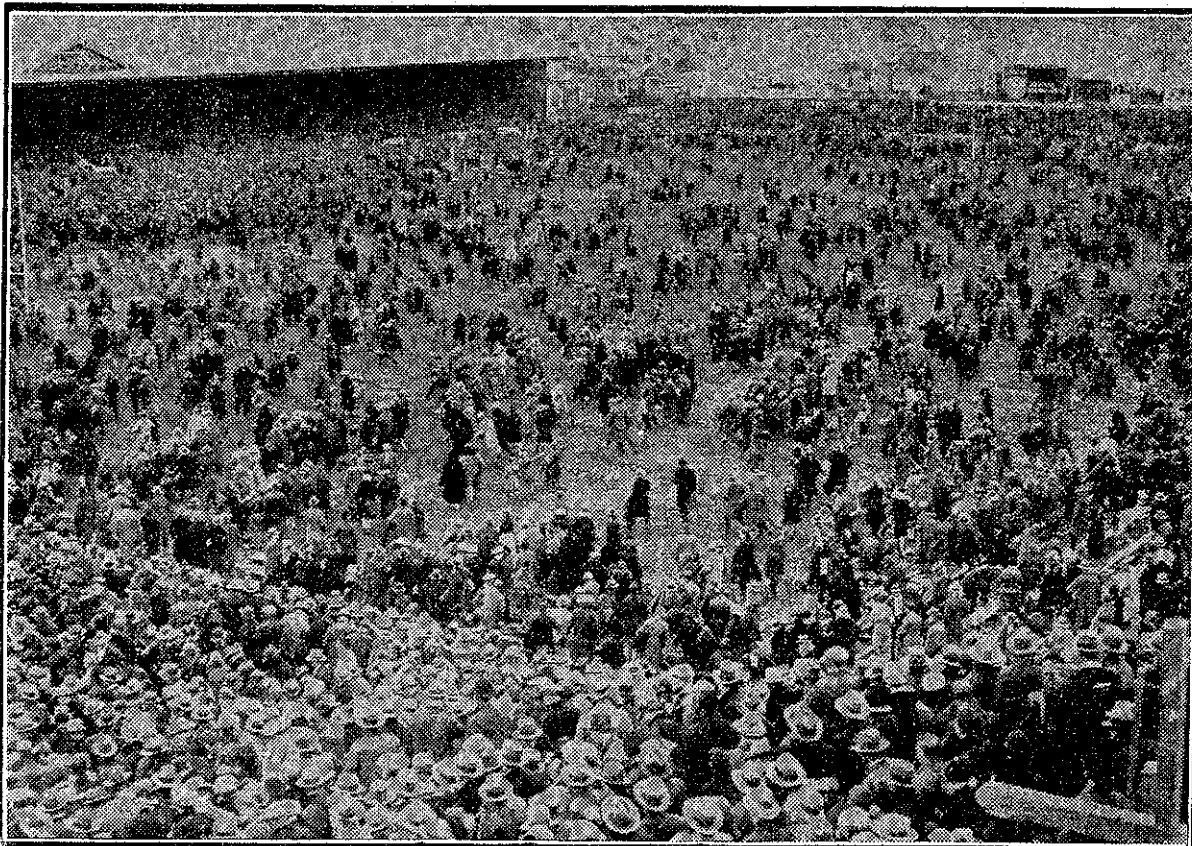
RE station RV15: I notice he is back in his old position on 70 metres again. While he has been missing from the usual spot would it be likely he was broadcasting on or about 60 metres, as I have heard, during the last fortnight, a Russian station on that wavelength? Now, on August 7, with RV15 back on 70 metres, this 60-metre transmission has disappeared.—"Short Wave" (Pahiatua).

STATION heard about 3 degrees below 2FC. I think it was an American.—"Metre" (Huntly).

A NEW station on the air on August 2 at 7 p.m. was 2NC, Newcastle, on a frequency of about 1170 kc. (256 metres). 2NC is one of the new A.B.C. relay stations, the other, apparently not yet on the air, being 4RK. Rockhampton, and both are to have 2 kws. in the aerial. On August 1, at 11.15 p.m., I heard two very weak stations between 2YA and 6WF—could any reader identify these? Also, a station often heard on Saturday afternoons from 4.30 on at very good volume on a frequency of 1300 kc. (230 metres). He is between 2Z1 and KFOX, and is characterised by very bad fading like 2YB. My log is 72 stations on a four-valve set. With reports away, I will have 45 confirmed.—"Taipo" (Palmerston North).

ON July 14 I logged 2ME calling London, but only at fair phone strength. Dial reading, 56 deg. to 55 deg. On about 43 deg. and 40 deg. station with continuous note followed by call sign (apparently) repeated rapidly in morse and beginning with G—, was coming through at R9 on phones. This was at 5.30, and about an hour later he was still continuing the transmission heard previously.—H.W.Y. (North Auckland).

I AM using a commercial seven-valve all-electric, and have heard about 50 identified stations. On July 20 I heard WOAI Texas (also WENR Chicago). I also heard an organ recital on Auckland's wavelength on July 21, from KHT Los Angeles, but did not know where it was



At the Close of the Game.—A portion of the huge crowd who witnessed the match streaming on to the field. Though the crowd numbered over 48,000—an attendance record for Athletic Park—it was remarkably orderly and after the game dispersed quietly.

—L. Wallace, photo.

coming from until I read the report by "Incubu" (Waitaha). On August 3, from about 6.15 p.m. to 6.45 p.m., I listened to an American on WENR's wave-length. Heard no call, but heard an announcer say that it was early morning, and wished all listeners pleasant dreams, just before closing down. On July 30 I heard a station coming in near 2ZF Palmerston, on a slightly lower frequency. When 2ZF faded a little, this station would come in quite audibly at times, but fading prevented call being heard. Also on July 31, at approximately 7.15 p.m., I heard a station midway between 3LO Melbourne and JOGK Japan. An orchestral item came through quite clearly, then there was an announcement. The only words I caught clearly were "43 dollars."—"Gregg" (Dunedin).

THANKS, "D.M.S." (Hawera), and "R.K.W." (Auckland) for information re the Suva station. I have again heard the station (between 3UZ and 1YA), which I mentioned recently. It is about a degree above the former. The nearest I can get to his call is 4CR or GR. He was very loud at 11.30 p.m. on July 29, but static was very bad. Conditions for American reception during the past fortnight have been excellent. I renewed acquaintance with WBBM ("KFR" at San Francisco), and KGER. Station WFAA, between 3LO and KGO, was at good loudspeaker strength on July 29. Just below 2ZR, KFSD San Diego was coming in strongly. "Amazon" is correct about 3BY. I hold a card from this station. Another VK is 3AM, Malvern, operating on KGMB's wavelength. I heard him on July 27, at about 11.45 p.m., and also another, 2 degrees above. Static drowned most of his call, 3—, Elwood—"Ray Dio" (Shannon).

A MATEUR station operating above 1YA's first harmonic (166 metres). I have picked him up twice lately, once on July 27, when he gave the cricket scores, and again on August 3. Time of reception was between 7.30 p.m. and 7.45 p.m. on both occasions—"D.A.F." (Dunedin).

Stations Identified

P.C.B. (Manuka): Station you heard was KTM, Los Angeles, 384 metres (780 kc.). **R.W.A. (Lower Hutt)** heard 2ZR Wanganui. This station is on the air every day except Sunday. I hold a card from 3BY Melbourne. It transmits on 248 metres (1210 kc.), with a power of 50 watts, and is operated by H. J. Holat, 27 Bamba Road, Caulfield, Melbourne. This is an experimental station, and broadcasts irregularly. The station heterodyning with 3YA is 5DN Adelaide; and with 1YA is KHJ, Los Angeles, California.—S. Ellis (Okato).

"KAUSPANKA" (Hawke's Bay): I receive station KGO, Oakland, California, 2 degrees above 3LO—"Metre" (Huntly).

"CIRCUIT" (Pahiatua). 2XN, not 2XM, is owned by Mr. G. W. Exton, Lismore, N.S.W., on a frequency of 1340 kc. (224 metres), a power of 50 watts in the aerial. The other, 4NO, I cannot identify, unless it is 2MO, owned by Mr. J. Oliver, Gunnedah, on a frequency of 1500 kc—"Taipo" (Palmerston North).

"CIRCUIT" (Pahiatua): 2XN, Lismore, New South Wales, 224 metres (1340 kc.), 50 watts, is one of 10 new "B" class stations which have recently been opened. "J.M.J." (Masterton) probably heard 3BY. I had had him on about 254 metres (1180 kc.) last week. I am advised by "Liederman" (Timaru) that this is VK3BY, Caulfield, Victoria.—"Amazon" (Palmerston North).

"AMAZON" (Palmerston North) re 3BY, Melbourne: On August 1, at 11.30 p.m., I picked up a station who gave (as far as I could gather) the call 3BY. Static was bad and he had a

long fade. At the hour mentioned he was playing the "Missouri Waltz." I have written for a verification. My lists show 3BY as an experimental station owned by H. Holst, 27 Bamba Road, Caulfield, but no power or wave-length was given—"Avondale" (Otago).

A. D. ROGERS.—I heard WOAI on date mentioned. The station is controlled by The Hancock Oil Co., San Antonio, Texas. I heard him at R7. Dancing and guitar music was supplied. The other station Mr. Rogers heard was KFOX, Longbeach, California. He gave the time 11.58 p.m., C.P.T., and said they were closing down till 7 a.m. and

Invercargill By-Election

2YA to Broadcast Results

ON August 13, 2YA will be on the air at 8 p.m. to broadcast progress results of the Invercargill by-election. This electorate was held for many years by Sir Joseph Ward, the late Prime Minister, and consequently great interest is being manifested in the election of a successor. The seat is being contested by Mr. Vincent Ward, United, and Mr. Hargest, Reform.

were switching over to KMOX, which would continue the programme till 3 a.m.

"F.E.M." (Waipukurau).—I can get 2BL and 2FO any time during the day on the loudspeaker, and have done so for the past 12 months—"W.A.M." (Moumohaki).

"L.H." (Mercer) has probably been picking up KHJ, California, along with 1YA. Let him try with 'phones on Monday evening before 1YA starts on boxing or wrestling. I heard the station call so clearly as to be sure it is KHJ, as in the "Guide," rather than KHT, as suggested in your notes—"Incubu" (Waitaha).

"L.J." (Gisborne), re N.Z. stations.—I have logged 25 to date. I think there are 28 N.Z. stations (that is if 4ZQ, Dunedin, is still broadcasting). I have not heard him lately, and the only one I have not picked up is 4ZI, Invercargill. I have logged 16 Americans this year, the latest being KFQU, Holy City, California—"J.M.J." (Masterton).

"L.J." (Gisborne).—I have also logged 23 N.Z. stations. The two that I have yet not heard are 2ZQ, Masterton, and 1ZH, Hamilton. To date I have logged all the Japs except JOJK and JOAK. Since my last notes I have added 12 more stations to my log, and now have a total of 85.—"M.B.S." (Palmerston North).

DX Topics

A Fair DX'er.

I AM very keen on DX reception, and have had a fair measure of success using a five-valve battery set. I have recently logged and written for verification to: KYA, WOAI, KRLO, KMIC, KSL, WTAM, and KGMB. I have received verification from KFOX, KNX, and KGER. The last-named mentions that he is now operating on a power of 1 kw. with the latest true screen transmitter.—Mrs. K.D.B. (Taumarunui).

New Loggings.

SINCE writing last I have identified 14 new Americans and one New Zealander (2ZI). This station could be heard

40 feet from the speaker. The American stations include WHAM, Rochester, New York, on 259 metres (1160 kc.). Has anyone heard KSL on 260 metres (1160 kc.)? I picked them up on August 4, and heard the call several times. I have logged both KFJF and WMBD again, the former at excellent volume. My log now stands at 61 stations (identified). This includes 24 Americans, 20 New Zealand, 14 Australian, and three Japanese. I have had short-wave coils (25-45 metres) for some months, but except for a few morse stations, have had no success—"Kit-set 3" (Dunedin).

The DX Cup.

I SUPPOSE dials are being twirled fast and furiously now, and that all DX-ers are imagining the DX Cup on top of their receivers. I have started logging now, and on August 5 I heard KGMB as loud as Christchurch. I also heard KEX, Portland, Oregon, close down at 9.35 p.m., giving frequency at 1180 kc. (254 m.), and time of operation, 11.30 a.m.-2 a.m.—H. F. Adcock (Masterton).

A Seldom-heard New Zealander.

I HAVE logged a New Zealand station, 2ZS, Eketahuna, which I have not yet seen reported. This station operates on a wavelength of about 248m. (1210 kc.), and comes in at good loudspeaker strength during the afternoon. Other New Zealand stations I have received include 2ZI Hastings, 2ZR Wanganui, 2ZH Napier, 2ZP Wairoa. I have a total of 18 New Zealand stations, 12 Australians, 3 Japs, and 1 American. My set is an A.C. 4-valve screen-grid, and I have had it a month.—L.C.S. (Trentham).

An Excellent All-Electric Two.

I AM using a 2-valve a.c. commercial receiver which, I understand, is intended for local use only. I find I can get all the YA stations, and most of the "B" class. Besides these, my log includes seven Australians (including 2YB), two Japanese, and two short-wavers, namely, ZL2AW and ZL2BE. I have a card from the former.—E.M.T. (Wellington). [No, we have not heard of a better log for this set.—Ed.]

Reception on Harmonic.

CAN you explain why 2YA Wellington's programme is sometimes heard on about 215 metres as well as on 420 metres? Several times now I have heard the children's sessions on both wavelengths. Has any listener yet logged station KHJ, Los Angeles, California, U.S.A. (320 metres)? I logged that station on August 4 at 6.40 p.m. Their time was about 10.30 on Sunday evening. One number was "Love's Old Sweet Song," played on an organ—"Curious" (Westland).

[The transmission from 2YA on the lower wavelength is that station's first harmonic.—Ed.]

A Supporter of "Diogenes."

I AM at times inclined to agree with "Diogenes" (Cromwell) as to the relative importance of set and imagination, but my own list (on a 4-battery set) is growing so rapidly—4 identified new stations and three to identify in the last

two nights—that I must change my tune. Even when I branch out into short-wave also, as I intend to do very shortly, I do not expect to reach two hundred, as some claim. At present the log stands at 13 New Zealand, 15 Aussie, 1 California, and 3 Japs.—and a wave-trap will probably mean more, as tuning on some stations is very broad—"Incubu" (Waitaha).

Improved Conditions.

A LETTER from KZM, Hayward, California, 219 metres (1370 kc.), states that they have been off the air for some months. Despite the low power used they have had verifications from Australia as well as New Zealand. I see "L.I." (Gisborne) has logged twenty-three New Zealand stations and says there are 25. In checking over I find I have twenty-six New Zealand and I still have 4ZB to log. These an amateur on broadcast and a new Auckland experimental station. The Americans have been quite steady of late. My best reception was from WOAI, Texas, a fortnight ago. It came in with splendid volume. The Japs. have also brightened up during the past week.

Of the eleven stations listed by Mr. S. Ellis, Okato, I have received ten. Eight were audible on July 31. The Suva station has been heard, but has not been worth listening to, as heavy Q.R.M. from the power lines here has spoilt reception. I am looking forward to the competition announced in this week's "Radio Record," and I trust it will prove a success.—A. E. Allen (Avondale).

Who is VJMM?

THE American stations have been coming in at great strength lately and many can be logged on an indoor aerial. I heard, on July 31, on my indoor aerial KFOX, KGMB, KNX, KGO, KPO, KFI. These came in at good speaker strength and readable a good many feet away. My experience at three years of DX hunting I have found the colder the winter the stronger the stations come in. I heard on July 29, at 8.20 p.m., on 1360 kc. (220 m.), my stranger (whom I have not yet identified) calling Radio, Melbourne, using the call VJMM. This transmission is evidently from a ship. He remarked, "We will be arriving about midnight on Wednesday to coal." Then the station announced, "This is the fourth time I've called you. Can't you hear me?" The call was clearly heard by myself and several who were listening with me. What ship is this?—S. Ellis (Okato).

New Americans.

AMERICAN additions to my log lately are KYA, San Francisco, 1230 kcs. (244 m.); KHQ, Washington, 590 kcs. (508 m.); KOIL Iowa, 1260 kcs. (238 m.); and the two Philippines, KZRM, Manila, 620 kcs. (on 3AR), and KZRC, Cebu, 930 kcs. (by 3UZ). Another new one I heard on the 20th is WIOD, Miami, Florida. This was coming in well, but with a loud hum on 1300 kcs. (231 metres).—"Kauspanka" (Hawke's Bay).



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Feature Peeps at Future Programmes

SUNDAY

Music Week Commences

1YA Notes.

AUCKLAND Music Week commences this afternoon as far as 1YA is concerned, with a specially selected gramophone concert. At 7 p.m. there will be a relay of the evening services from the Strand Methodist Mission. The Rev. T. Olds will give a special talk on "Music and Religion." The music arranged for the occasion will be under the direction of Mr. A. Lyons Griffiths.

After the church service there will be a relay of the Municipal Band concert from Auckland Town Hall. Mr. Smith, the conductor, in conjunction with other conductors in Auckland, is arranging special music for this outstanding event in musical life in Auckland.

Sunday at 3YA.

THE evening service in St. Andrew's Presbyterian Church will be broadcast, the preacher being the Rev. R. J. Howie, B.A. A relay of the concert to be given in the Grand Opera House by the Port Nicholson Silver Band will follow.

Christchurch Items.

THE broadcast will be the evening service in Holy Trinity Church of England, the preacher being the Rev. O. Fitzgerald. Afterwards, from the studio, will follow a presentation of Sullivan's "The Prodigal Son," the vocalists being the Melodious Four.

From 4YA.

CANON NEVILL will preach from St. Paul's Cathedral, Dunedin, when the service will be broadcast. The relay of 3YA's concert will follow.

MONDAY

Gleanings from 2YA.

MR. H. C. SOUTH will give his fortnightly book review at 7.40.

The concert programme will be mainly of a classical nature, with a few old favourite ballads. The soloists will be: Mrs. Catherine Goodson (soprano), Mrs. W. L. Britton (contralto), Mr. Edwin Dennis (tenor), and Mr. R. J. G. Madigan (bass). During the evening Mr. Victor S. Lloyd will recount another of his experiences. On the instrumental side of the programme items will be given by Miss Muriel Waters (pianist).



MR. EDDIE HEGAN,
A vaudeville entertainer heard from 3YA. He is an expert tap and sand dancer.

—Steffano Webb, photo.

and the 2YA Orchestra under Signor A. P. Truda. Two organ solos (recordings by Paul Mania) will be presented.

Recordings to be heard will include two excerpts from the "Gipsy Baron" (by Strauss). The soloists are headed by Madame Lotte Lehmann, but there will be a chorus and orchestra.

3YA's Programme.

Music Week.

"MUSIC Week" commences in Christchurch this evening, when there will be a musical festival in the Civic Theatre. An excellent programme has been arranged.

After the preliminary opening speech, Mr. Temple White, the well-known Wellington musician, will play three organ selections. Then will follow two part songs by the Burwood School Choir, a well-trained combination of juvenile voices. Mr. Frederick Page, of the Aeolian Club, a well-known Christchurch musical organisation, will play as a piano solo Chopin's "Scherzo in C Sharp Minor."

In the second half of the programme another member of the Aeolian Club, Miss Lucy Fullwood, will render one of Rachmaninoff's compositions, accompanied by Mr. Ernest Empson on a second piano. Bloy's famous banjo band will play Welsh and Maori airs and popular choruses. Part songs by Madame Gower Burns's Glee Club will comprise Chaminade's "On Silvery Waves" and Elgar's "The Dance." As a contralto solo, Miss Alice Vinsen will be heard in "Sink, Red Sun."

The Papanni School Choir, also a well-trained combination will play two marches and the fantasia, "The Old Town."

Programme at 4YA.

"Rigoletto."

Verdi's famous opera, about which an article appears, on Page 1, will be presented to-night.

TUESDAY

Music and Nature

Broadcast from 1YA.

IN continuation of the Auckland Music Week festivities, 1YA is making a special effort to convey a love of good music to those listeners who will be unable, through disability or distance, to attend the fine concerts which are being given in the various halls in the city. The station is working in accordance with the Music Week Committee, and will present some excellent programmes during the week. The various regular features of the programme will necessarily be continued.

AT 3.15 p.m. Mrs. Les Crane will continue her series of lectures on "The Beauty of Mind and Body in Relation to Diet," and at 7.40 p.m. Mr. Alan McSkimming will continue his talks on Voice Culture. Recently the Monte Carlo Concert Orchestra gave a fine performance, and they have been engaged again to play this evening. They will give many selections from



MISS FLORENCE BREWINS,
A well-known 3YA elocutionist.

—Steffano Webb, photo.

favourite operas. The vocalists for the evening are: Mrs. Laetitia Parry (soprano), who will sing "Mid Lures and Pleasures" (from "Rinaldo"), "Rose Softly Blooming" (from "Azor and Nemira"), and "Knowest Thou the Land" (from "Mignon"); Mr. Arthur Ripley (tenor), whose numbers include "Soft Beams the Light" (from "Don Pasquale"), "I Was Dreaming" (from "Ma-Mai-Rosetti"), and "O Vision Entransing" (from "Esmeralda"); also Mr. Frank Sutherland (baritone), who has chosen "Great Isis, Great Osiris" (from "The Magic Flute"), "The Calf of Gold" (from "Faust"), and "When a Maiden Takes Your Fancy" (from "Il Seraglio").

A special feature of the programme will be a talk by Dr. George de Olive Lowe on "Music in Nature and Music in our Daily Lives." Dr. Lowe has been prominent in musical activities in Auckland for very many years, and is an authority on his subject.

Altogether this evening's programme, including as it does much of the best of grand opera, should appeal to all listeners, as it contains plenty of variety.

Notes from Wellington.

THE afternoon lecture will be entitled "A homemaker's career is as interesting as a film star's." The speaker will be Miss Flora Cormack. At 7.40 there will be a talk for the man on the land.

The concert will be popular. Mrs. Mildred Kenny's Mandolin Band will contribute, as well as a novelty duo, Shand and Austin. Humour will be provided by Mr. C. Browne. Vocal solos will be provided by Miss Marjorie Bennie (contralto) and Mr. Johnny Hines (tenor). An instrumental programme will be provided by the 2YA Salon Orchestra under Mr. M. T. Dixon.

Christchurch Features.

THE first half of the Christchurch "Music Week" programme will be contributed by the Christchurch Liedertafel and the second half by the Professional Musicians' Orchestra. Numerous part songs by the Liedertafel will be interspersed by vocal solos by Mr. C. R. Williamson (tenor), Mr. H. J. Francis (tenor), and Mr. Leslie

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Fleming (baritone). The solos will include "Oh, Lovely Night," "A Dream," "Indian Serenade," and "The Song of the Toreador." Two pianoforte solos will be played by Dr. T. L. Crooke, a veteran in Christchurch musical circles. In the orchestral portion of the concert the conductor for the overture "Orpheus in the Underworld" will be Mr. Ernest Jamieson. Mr. H. G. Glaysher, well known to 3YA listeners as a harpist, will conduct the orchestra for the ballet music from Gounod's "La Reine de Saba."

In the presentation of Bizet's "L'Arlesienne" suite, Mr. Arthur Gordon will be the conductor, while for the overture "Coriolanus" the orchestra will be under the baton of Mr. Harold Beck.

4YA Items.

"Les Cloches de Corneville."

SELECTIONS from "Les Cloches de Corneville" are to be played by the band of the Otago Regiment at 4YA. The remaining band selections on this programme are of the lighter type, and of a bright nature. Presented over 400 times running, and popular both in England and Germany, "Les Cloches de Corneville," a three-act comic opera, was Jean Planquette's first hit. The first performance of this delightful opera was in 1877, when the composer was twenty-nine years of age. Nearly every operatic society in the Dominion of New Zealand has at some time played it, and since the first presentation its popularity has been retained.

Mrs. Carty, Miss Mary Somerville, Miss Pennie Marshall, Messrs. L. Stubbs, and Buster Brown are the assisting vocal artists in a very popular type of programme. With "Border Ballad," "Angus Macdonald," "Jock o' Hazeldean," "My Ain Folk," Scottish songs will be well represented on the programme. There will also be Scottish humour and the well-known band patrol "Wee McGregor."

WEDNESDAY

Special Orchestral Numbers.

Notes from Auckland.

THE weekly community singing led by the Rev. Jasper Calder, will be relayed from the Auckland Town Hall from 12.30 p.m. to 1.30 p.m. At 7.40 p.m. Madame Mabel Milne will give a further talk on health and diet.

An excellent programme has been arranged for the evening session. It will be contributed to by the Auckland Orphans' Club Orchestra under the direction of Mr. Harold Baxter. Previous performances by this fine combination have been greatly appreciated, and Mr. Baxter has arranged a splendid programme.

Included in the programme will be "Pique Dame" (by Suppe), "Henry VIII Dances" (by German), and that wonderful overture, "Fingal's Cave" (by Mendelssohn). Another interesting number is the waltz "Eros," composed by a member of the club's orchestra who wishes to remain anonymous. The soloists for the evening will be Mr. Laurie Stuart and Mr. Frank Campbell, the latter already well-known to 1YA listeners. Also on the programme will be a bassoon solo by Mr. Jack Bamber.

Mr. A. B. Chappell, M.A., will give a topical talk, choosing for his subject "Music." His last talk on music was given at the recent performance of the

1YA Broadcasting Choir and proved enjoyable and instructive.

3YA Features.

THE Christchurch Music Week programme for this evening will be of a miscellaneous nature, which should again fill the Civic Theatre. A good selection of both vocal and instrumental music will be provided. A cantata, Cowen's "Daughter of the Sea," to be sung by Miss Marian Woodhouse's Glee Club, will open the programme.

Miss Woodhouse will also be heard in a contralto solo, Bantock's "Hymn to Aphrodite." Quartets by Madame Gower Burns's Grand Opera Quartet will be "Fairest Daughter of the Graces" (from "Rigoletto") and excerpts from Lane Wilson's song cycle, "Flora's Holiday." Miss Lillian Hanham, soprano, will sing, to flute obligato by Mr. W. Hay, "Lo, here the gentle lark." The instrumental portion of the programme will be provided by the Woolston Band, a string quintet, and Miss A. Harley Slack (pianist), while there will be a trombone solo by Bandsman E. Williams

their concerted efforts. Solos and duets will also be presented, among the former being: "I Heard you Singing," "Song of the Vagabond," "Waiata Poi" and "Prince Ivan's Song." The instrumental portion of the programme will be provided by the Select Four. Violin solos will be contributed by Mr. Ted Farrant.

THURSDAY

British Composers.

Features from Auckland.

THE afternoon talk from 1YA, 2YA and 3YA will be on "The Making of Home-made Bread." This talk has been prepared by the Home Science Extension Department of Otago University.

In continuation of Music Week, 1YA's programme will be a musical evening of British composers to be given by the 1YA Broadcasting Choir under the direction of Mr. Len Barnes. Some fine part-songs have been chosen, dating from the very early times right up to the present.

The composers include Colin Taylor, Edward German, Vaughan Williams, Carse, Wood and Wilson. Two original numbers will also be given, "Baby Mine," by Leonard Heath, two of whose compositions were given at the last performance of the choir, and "To Music," composed by the director.

The soloists for the evening will be Miss Gwenda Weir, Miss Hinemoa Rosier, Mr. Len Barnes, and pianist, Miss Margot St. L. Toner. A lecture-recital will be given by Mr. H. Hollinrake on British composers. Mr. Hollinrake is director of music at the Auckland Training College and has a very wide knowledge of music generally. He is an excellent speaker and his lecture-recitals which have been given at various institutions have always been greatly appreciated.

Notes From 2YA.

"THE Romance of the Main Trunk Railways" will be the subject of a lecturette by Mr. J. W. Fergie at 7.40.

The Wellington Municipal Tramways Band will provide a programme. Also contributing will be: Mrs. E. F. Hollands (soprano), Miss Ivy Stanton (contralto), Mr. Kenneth Small (tenor) and Mr. K. Rigby (baritone). Miss Esme Crow will recite. Mr. K. Kubota will play a Japanese flute solo, to which he will supply introductory remarks. Cornet and trombone solos will be contributed by Bandsmen W. Stevenson and Glennie respectively.

Male Choir.

Christchurch Features.

THE 7.30 talk for the benefit of farmers will be on "The Header Harvester," the speaker being Mr. A. Amos, president of the Wakanui branch of the Farmers' Union.

The Christchurch Male Voice Choir, under Dr. J. C. Bradshaw, will be responsible for much of the vocal side of the Music Week concert to be broadcast by 3YA on relay from the Civic Theatre this evening.

Cathedral choristers will be associated with the choir in several part-songs, glees and sea shanties. Quartets will be sung by Miss Corrie Aslin, Miss Dulcie Mitchell, Mr. H. Blakeley and Mr. J. Graham Young. "Blow, Blow, Thou Winter Wind" will be sung by (Concluded on page 21.)



MISS EILEEN IRWIN,
Two well-known Christchurch artists.

MRS. SEN JOWETT,
Miss Irwin is a popular mezzo-contralto, and Mrs. Jowett a mezzo-soprano.
—Steffano Webb, photo.

and a cornet duet, "Sandy and Jock," by Bandsmen R. Ohlsen and J. Annand.

New Quartet

4YA Jottings.

"HOT Puddings and Pies" will be the afternoon talk, prepared by the Home Science Extension Department of Otago University. At 7.15 Mr. J. E. Davies, of the Department of Agriculture, will give a review of Boys' and Girls' Clubs in Otago, 1929-30.

To-night will mark the second appearance of 4YA's new male quartet, the Radions, who performed three weeks ago for the first time, and created quite a furore among listeners. The quality of the individual voices is rich, and full of resonant beauty. Balance is the essence of successful quartet singing and it is the endeavour of the quartet personnel to obtain what may be termed "perfect sympathy" with each other in the rendition of

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Full Programmes for Next

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Sunday, August 17

1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, AUGUST 17.

- 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—Divine Service Strand Methodist Mission. Preacher: The Rev. T. Olds. Song Leader: Mr. A. Lyons Griffiths.
 8.30 : (Approx.)—Municipal Band Concert from Auckland Town Hall, under the conductorship of Mr. Christopher Smith.
 9.30 : (Approx.)—God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, AUGUST 17.

- 3.0 to 4.30 : Afternoon session of selected gramophone items.
 6.0 : Children's Song Service, conducted by Uncle George, and assisted by the Children's Choir from St. Matthew's Anglican Church.
 7.0 : Relay of Evening Service of St. Andrew's Presbyterian Church. Preacher: Rev. R. J. Howie, B.A. Organist and Choirmaster: Mr. Frank Thomas.
 8.15 : (Approx.)—Relay from the Grand Opera House of the Band Recital of the Port Nicholson Silver Band (Conductor, Mr. J. J. Drew). God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, AUGUST 17.

- 3.0 : Afternoon session—Gramophone recital.
 4.30 : Close down.
 5.30 : Children's Song Service by children from Church of England Sunday Schools.
 6.15 : Interlude of Instrumental Music from Studio.
 6.30 : Relay of Evening Service from Holy Trinity Church of England. Preacher: Rev. O. Fitzgerald. Choirmaster and organist: Mr. Arthur Lilly, A.R.C.O.
 7.45 : (Approx.)—Recorded Instrumental Music from Studio.
 8.15 : Evening programme including excerpts from "The Prodigal Son." Quartet—Melodious Four, "There is Joy in the Presence of the Angels." Bass recit and aria—Mr. T. D. Williams, "My Son Attend to My Words."
 8.24 : Violin—Miss Irene Morris, "Air on G String" (Bach).
 8.28 : Contralto—Miss Belle Renaut—"Love not the World."
 8.31 : Orchestral—Paul Whiteman's Orchestra, "Silent Night, Holy Night."
 8.37 : Tenor—Mr. Russell Sumner, "How Many Hired Servants." Soprano recit.—Miss Frances Hamerton, "And He Arose." Tenor and bass recit.—Messrs. Russell Sumner and T. D. Williams, "Father I Have Sinned."
 8.45 : Instrumental—Christchurch Broadcasting Trio, "Elegia and Finale from Trio in D Minor" (Arensky).
 8.58 : Bass recit. and aria—Mr. T. D. Williams, "Bring Forth the Best Robe."
 9.1 : Weather report and station notices.
 9.3 : Quartet—Melodious Four, "The Lord is Nigh."
 9.6 : Violin—Miss Irene Morris, "Minuet" (Mozart).
 9.9 : Soprano recit. and aria—Miss Frances Hamerton, "No Chastening, Come Ye Children." Quartet—Melodious Four, "Thou O Lord Art Our Father."
 9.15 : Instrumental—Christchurch Broadcasting Trio, (a) "Salve Dimora" (Gounod); (b) "Gavot" (Le Clair).
 9.24 : Orchestral—Paul Whiteman's Orchestra, "Christmas Melodies."
 9.27 : Quartet—Melodious Four, "Cast Thy Burden" (From "Elijah"). God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, AUGUST 17.

- 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 Church Service from Trinity Methodist Church, Dunedin. Preacher: Rev. H. Bellhouse. Organist: Mr. Jas. Simpson.
 7.45 : Philadelphia Symphony Orchestra, "Casse Noisette Suite." Baritone—John Brownlee, "On the Day I Get to Heaven" (Lehmann); "Mother o' Mine" (Tours) (H.M.V. E533).
 8.15 : Relay 3YA, Christchurch.
 9.30 : God save the King.

Monday, August 18

1YA, AUCKLAND (900 KILOCYCLES)—MONDAY, AUGUST 18.

SILENT DAY.

2YA, WELLINGTON (720 KILOCYCLES)—MONDAY, AUGUST 18.

- 3.0 : Chimes. Selected studio items.
 3.30 and 4.30 : Sporting summary.
 4.55 : Close down.
 5.0 : Children's Session.
 6.0 : Dinner Music Session, "Columbia" Hour. Orchestral—Squire's Celeste Octet, "Peter Pan Selection." Cello—Gaspar Cassado, "Chanson Villageois" (Popper) (03595). Orchestral—Columbia Symphony Orchestra, "Searf Dance."
 6.13 : Tacet.
 6.15 : Orchestral—Debroy Somers' Band, "The Desert Song." Cello—Gaspar Cassado, "Menuett" (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 Adele Fidelis) (07511).
 6.43 : Tacet.
 6.45 : Orchestral—Columbia Symphony Orchestra, "The Flatterer." Zurich Tonhalle Orchestra, "Gavotte from Idomeneo." Paul Whiteman and His Orchestra, "Silent Night, Holy Night." Male Choir—Sheffield Orpheus Male Choir, "The Long Day" (Lore).
 6.58 : Tacet.
 7.0 : News Session, Market Reports and Sports Results.
 7.40 : Lecturette—Mr. H. C. South, "Books—Grave and Gay."
 8.0 : Chimes.
 Overture—2YA Orchestra (Conductor Signor A. P. Truda) "Oberon."
 8.9 : Soprano—Mrs. Catherine Goodson, "Tell Me My Heart" (Bishop).
 8.13 : Piano—Miss Muriel Waters, "Sonata in E Flat—Scherzo and Minuet."
 8.20 : Bass—Mr. R. J. Madigan, "The Midnight Review" (Glinka).
 8.24 : Selection—2YA Orchestra, "Andante—Symphonie Espagnole."
 8.32 : Vocal with orchestra—Lottie Lehmann, Karin Branzell, Grete Merrem-Nikisch, Richard Tauber, and Waldemar Staegmann and Chorus and Orchestra—Berlin State Opera House, "Finale Act 1" from "Gypsy Baron" (Strauss) (Parlo. A1035).
 8.36 : Contralto—Mrs. W. L. Britton, (a) "The Silver Moon My Mistress Is" (Moffatt); (b) "Jock o' Hazeldean" (Moffatt).
 8.45 : Violin—Andrews Weissgerber, "Souvenir Demmoscou" (Sarasate).
 8.46 : Tenor—Mr. Edwin Dennis, "Au Pays" (Holmes).
 8.50 : Selection—2YA Orchestra, (a) "Adagetto Religieuse" (Bohm). (b) "Esperance" (Tschaiakowsky).
 8.58 : Weather Report and Announcements.
 9.0 : Mr. Victor S. Lloyd will relate another of his experiences.
 9.12 : Ballet Music—2YA Orchestra, "Waltz Ballet" (Granier).
 9.20 : Soprano—Mrs. Catherine Goodson, (a) "Hush Little One" (Berig-nani); (b) "Roses in the Meadow" (Hellmund).
 9.26 : Organ—Paul Maria, (a) "Hallelujah Chorus" (Messiah) (Handel); (b) "Vision of Jeannie D'Arm" (Gounod) (Parlo. A4051).
 9.34 : Bass—Mr. R. J. G. Madigan, "The Lass of Richmond Hill."
 9.38 : Contralto—Mrs. W. L. Britton, "The Old Sweet Song."
 9.42 : Violin—Edith Lorand, "Danse Espagnole."
 9.46 : Tenor—Mr. Edwin Dennis, (a) "Thou'rt Like Unto a Flower" (Schumann); (b) "While Gazing Into Thy Dear Eyes" (Schumann).
 9.52 : Selection—2YA Orchestra, "Enfant Prodique" (Wormser).
 10.0 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—MONDAY, AUGUST 18.

- 3.0 : Afternoon Session Gramophone Recital.
 4.25 : Sports results.
 4.30 : Close down.
 5.0 : Children's Hour, conducted by Sunny Jim and Cousin Margot.
 6.0 : Dinner Session, "H.M.V." Hour. March—U.S. Army Bands, "Army and Marine." Selection—Piccadilly Orchestra, "The Waltz Dream" (Strauss). Jack Hylton's Orchestra, "My Inspiration Is You."
 6.12 : Tacet.
 6.15 : Royal Opera Orchestra, "Sylvia Ballet—Prelude" (Delibes) (C1417). Royal Opera Orchestra, "Sylvia Ballet—Intermezzo" (Delibes). Salon Orchestra, "Chanson Boheme" (Baldi) (B2581).
 6.27 : Tacet.
 6.30 : Jack Hylton's Orchestra, "A Room With a View." Salon Orchestra, "Aloha Sunset Land" (Kawelo) (B2581). March—San Francisco Symphony Orchestra, "March Militaire."
 6.42 : Tacet.
 6.45 : Detroit Symphony Orchestra, "Spanish Rhapsody" (Chabrier) (E522). Balalaika Orchestra, "Shining Moon" (Russian Folk Song) (E448). March—U.S. Army Band, "American Spirit" (Buglione).
 6.57 : Tacet.
 7.0 : News Session.
 8.0 : Chimes.

Week-all Stations-to Aug. 24

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MUSIC WEEK.

Relay of Opening Programme from the Civic Theatre:—

Opening Speech.

Organ solo—Mr. Temple White, (a) "Cuckoo and Nightingale Concerto" (Handel); (b) "On the Moor" (Julien Nesbitt); (c) "Fantasia in E Flat Major" (Wm. Faulkes).

Part Songs—Burwood School Choir, (a) "Fair Shines the Moon Tonight" (Verdi) (from "La Traviata"); (b) "Where the Bee Sucks" (words by Shakespeare) (Dr. Arne).

Pianoforte solo—Mr. Frederick Page (Aeolian Club), "Scherzo in C Sharp Minor" (Chopin).

Part song—Madame Gower-Burns Glee Club, "On Silvery Waves."

Pianoforte solo—Miss Lucy Fullwood (Aeolian Club), "1st Movement of Concerto in C Minor" (Rachmaninoff) (Accompanied by Mr. Ernest Empson of Aeolian Club).

Announcements and Station Notices.

From Studio.—

Instrumental—Studio Instrumental Octet, (a) "Andantino" (Lemare), (b) "Ozardas" (Delibes).

Part songs—Papanui School Choir, (a) "Farewell to the Forest" (Mendelssohn); (b) "Sweet and Low" (Barnby); (c) "In Derry Vale" (Londonderry Air) (arrgd. Geoffrey Shaw).

Banjo Band—Bloys' Banjo Band—(a) "Welsh Selection" (arrgd. Louis Bloy); (b) "Maori Songs"; (c) "Popular Choruses."

Contralto—Miss Alice Vinsen, "Sink, Red Sun" (Del Riego).

Part song—Madame Gower-Burns Glee Club, "The Dance" (Elgar).

Band Items—Papanui Silver Band (Conductor J. Bepphoff) March "Invercargill" (Lithgow) Fantasia "The Old Town" (Chester), March "Rustic Reverie" (Greenwood).
God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—MONDAY, AUGUST 18.

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 session—"H.M.V." Hour.

Orchestral—Marek Weber and Orchestra, "Beggar Student."

Orchestral—Philadelphia Symphony Orchestra, "Carmen" Entr'acte, Act 4 (Bizet) (E531).

Piano—Wilhelm Backhaus, "Bohemian Dance" (Smetana) (DB1130).

6.13 : Tacet.

6.15 : Band—Creatore's Band, "Semiramide" (Rossini) (C1420).

Orchestral—Philadelphia Symphony Orchestra, "Soldiers Changing the Guard" (Bizet) (D1618).

Orchestral—Marek Weber and Orchestra, "Rustle of Spring" (Sinding)

6.23 : Tacet.

6.30 : Orchestral—New Symphony Orchestra, "Nell 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" (Mozzkowski).

6.44 : Tacet.

6.45 : Orchestral—Marek Weber and Orchestra, "My Darling Waltz."

Band—National Military Band, "Flying Dutchman Overture."

Orchestral—Philadelphia Symphony Orchestra, "Carmen" Entr'acte, Act 1" (Bizet) (E531).

6.58 : Tacet.

7.0 : News session.

7.40 : Talk—Under auspices of W.E.A.

8.0 : Chimes. Overture—Philadelphia Symphony Orchestra, "Rienzi."

8.9 : Grand Opera Presentation by Mr. Alfred Walmsley and Company "Rigoletto" (Verdi).

Talk by Mr. Alfred Walmsley on the Opera.

8.15 : Presentation of Opera.

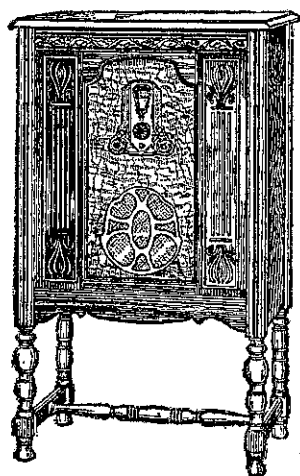
9.0 : Weather report.

9.2 : Continuation of presentation of "Rigoletto."

10.0 : God save the King.

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RADIO DIVISION

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WELLINGTON

Tuesday, August 19

1YA, AUCKLAND (900 KILOCYCLES)—TUESDAY, AUGUST 19.

3.0 : Afternoon session—Selected studio items, including literary selection by the Announcer.

3.15 : Talk—Mrs. Les Craue, "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.

Royal Albert Hall Orchestra, "Carmen Prelude, Act 1" (Bizet).

National Symphony Orchestra, "Sylvia Ballet Cortège de Bacchus."

Organ—Reginald Foort, "Schon Rosmarin" (Kreisler) (B2664).

6.12 : Tacet.

6.15 : Marek Weber's Orchestra, "Vienna by Night" (Komaz) (S1507).

Cello—Lauri Kennedy, "Hungarian Rhapsody" (Popper) (C1595).

6.27 : Tacet.

6.30 : Selection—National Symphony Orchestra, "Bohemian Girl" (Balfe).

Royal Albert Hall Orchestra, "Carmen Prelude, Act 2" (Bizet) (E461).

Organ—Reginald Foort, "A Brown Bird Singing" (Haydn-Wood).

6.42 : Tacet.

6.45 : Royal Opera Orchestra, "Hungarian Dance, No. 5" (Brahms) (C1415).

Selection—H.M. Coldstream Guards, "H.M.S. Pinafore" (Sullivan).

6.57 : Tacet.

7.0 : News and market reports.

7.40 : Talk—Mr. Alan McSkimming, "Voice Culture—Ancient and Modern."

8.0 : Chimes. Overture—Berlin State Opera Orchestra, "The Magic Flute."

8.8 : Baritone—Mr. Frank Sutherland, "Great Isis, Great Osiris," from "The Magic Flute" (Mozart).

8.12 : Selection—The Monte Carlo Concert Orchestra, under direction of Mr. F. K. Cunningham, "Lohengrin" (Wagner).

8.22 : Soprano—Mrs. Laetitia Parry, (a) "Mid Lures and Pleasures" (Rinaldo) (Handel); (b) "Rose Softly Blooming" (Azor and Nemira) (Spohr).

- 8.29: Selection—The Monte Carlo Concert Orchestra, "Lucia di Lammermoor" (Donizetti).
 8.34: Tenor—Mr. Arthur H. Ripley, (a) "Soft Beams the Light" (Don Pasquale) (Donizetti); (b) "I Was Dreaming" (Ma-Mai-Rosetti).
 8.41: Violin with harp—Dr. Eugene Ormandy, "Humoresque" (Dvorak).
 8.45: Talk—Dr. George de Olive Lowe, "Music in Nature and Music in Our Daily Lives."
 9.0: Evening forecast and announcements.
 9.2: Selection—The Monte Carlo Concert Orchestra, "La Traviata."
 9.14: Baritone—Mr. Frank Sutherland (a) "The Calf of Gold," from "Faust" (Gounod); (b) "When a Maiden Takes Your Fancy," from "Il Seraglio" (Mozart).
 9.21: Selection—The Monte Carlo Orchestra, "Cavalleria Rusticana."
 9.31: Soprano—Miss Laetitia Parry, "Knowest Thou the Land" ("Mignon").
 9.35: Selection—The Monte Carlo Concert Orchestra, "Rigoletto" (Verdi).
 9.43: Tenor—Mr. Arthur H. Ripley, "O Vision Entrancing" ("Esmeralda").
 9.49: Selection—The Monte Carlo Concert Orchestra, "Carmen" (Bizet).
 10.0: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—TUESDAY, AUGUST 19.

- 3.0: Chimes. Selected studio items.
 3.30 and 4.30: Sporting results to hand.
 3.40: Lecturette—Miss Flora Cormack, "A Homemaker's Career is as interesting as a Film Star's."
 3.50: Selected studio items.
 4.55: Close down.
 5.0: Children's session.
 6.0: Dinner music session—"H.M.V." Hour:
 Overture—H.M. Coldstream Guards Band, "Poet and Peasant."
 Orchestral—Symphony Orchestra, "Love, the Magician" (De Falla).
 6.12: Tacet.
 6.15: March—National Military Band, "Liberty Bell" (Sousa) (Zono. 5366)
 Waltz—International Novelty Quartet, "Cuckoo" (Jonasson) (Zono.).
 Waltz—Jack Hylton's Orchestra, "Spanish Rose" (Pearson) (B5481).
 Xylophone—Sam Herman, "Al Fresco" (Zonophone EE53).
 6.27: Tacet.
 6.30: Orchestral—New Light Symphony Orchestra, "In a Clock Store" (Orth)
 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) (Zono.).
 Pipe organ, piano, trombone, and harp—Shilkret's Rhythm Melodists,
 "When You're with Somebody Else" (Gilbert) (EA236).
 Waltz—Jack Hylton's Orchestra, "The Angelus was Ringing" (B5481).
 March—National Military Band, "El Capitan" (Sousa) (Zono. 5366).
 6.57: Tacet.
 7.0: News session, market reports and sports results.
 7.40: Lecturette—Representative of the Agricultural Department, "For the Man on the Land."
 8.0: Chimes. Overture—2YA Salon Orchestra (Conductor, Mr. M. T. Dixon), "Dances" from "Tom Jones" (German).
 8.9: Contralto—Miss Marjorie Bennie, (a) "Here in the Quiet Hills" (Carne), (b) "Lullaby" (Brahms).
 8.15: Mandolin Band—Mrs. Mildred Kennedy's Mandolin Band, (a) "Rialto Polka March" (Ellis), (b) "If You're in Love You'll Waltz."
 8.21: Tenor—Mr. Johnny Hines, "Rose Marie" (Friml).
 8.25: Selection—2YA Salon Orchestra, "Music Pictures" (Foulds) (for piano and strings).
 8.33: Humour—Mr. C. Browne, "The Depravity of Men" (Stanford).
 8.39: Novelty duo—Shand and Austin, (a) "My Sweeter Than Sweet" (Whiting and Marion), (b) "Sweetheart, We Need Each Other" (McCarthy and Tierney).
 8.45: Instrumental—2YA Salon Orchestra, "Request item."
 8.53: Contralto—Miss Marjorie Bennie, "Whisper and I Shall Hear."
 8.57: Weather report and announcements.
 8.59: Tenor—Mr. Johnny Hines, "You Forgot to Remember" (Berlin).
 9.3: Selection—2YA Salon Orchestra, "Liebestraum" (Von Blon).
 9.8: Humour—Mr. C. Browne, "Me and Mine" (Hogg).
 9.14: Mandolin Band—Mrs. Mildred Kennedy's Mandolin Band, (a) "Invercargill March" (Lithgow), (b) "Roses in June" (O'Hagan).
 9.20: Novelty duo—Shand and Austin, (a) "Tain't No Sin," (b) "Singin' in the Bath-tub."
 9.26: Selection—2YA Salon Orchestra, "Water Lilies" (Clark).
 9.30: Dance programme—"Brunswick":
 Foxtrot—Tom Clines and His Music, "Miss Wonderful" (4576).
 Foxtrot—Roger Wolfe Kahn and His Orchestra, "Cooking Breakfast for the One I Love" (Rose-Tobias) (4699).
 Foxtrot—Tom Clines and His Music, "Somebody Mighty Like You."
 Foxtrot—Herbert Gordon and His Hotel Ten Eyck Whispering Orchestra, "You Can't Believe My Eyes" (Bryan-Meyer) (4585).
 Foxtrot—Abe Lyman and His California Orchestra, "The Rogue Song."
 9.45: Vocal—Dick Robertson, "Singin' in the Bath-tub" (4592).
 Foxtrot—Herbert Gordon and His Hotel Ten Eyck Whispering Orchestra, "If I Can't Have You" (Bryan-Meyer) (4585).
 Foxtrot—Isam Jones's Orchestra, "Nina Rosa" (Caesar-Romberg).
 Foxtrot—Abe Lyman and His California Orchestra, "When I'm Looking at You" (Grey-Stodart) (4696).
 Waltz—Isam Jones's Orchestra, "Your Smiles, Your Tears" (4710).
 10.0: Foxtrots—Jack Denny and His Mount Royal Hotel Orchestra:
 "A Night of Happiness" (Conrad, Mitchell, Gottler) (4698).

"Beside an Open Fireplace" (Denniker-Osborne) (4697).

"Hangin' on the Garden Gate" (Kahn-Florito) (4698).

"Just Can't be Bothered with Me" (Kahn-Simons) (4697).

- 10.12: Vocal—Belle Baker, "I'm Walking with the Moonbeams" (4558).
 Foxtrot—Roger Wolfe Kahn and His Orchestra, "When a Woman Loves a Man" (Rose-Rainger) (4699).
 Foxtrot—Bob Haring and His Orchestra, "Do Ya' Love Me?" (4672).
 Waltz—Carter's Orchestra, "California Sunshine" (Ford-Earl) (4664).
 10.24: Foxtrot—Bob Haring and His Orchestra, "Where You Are" (4672).
 Foxtrot—Ben Bernie and His Orchestra, "West Wind" (4662).
 Foxtrot—The A. and P. Gipsies, "Gipsy Dream Rose" (4680).
 Foxtrot—Colonial Club Orchestra, "Why Do You Suppose?" (4554).
 Foxtrot—Bob Haring and His Orchestra, "Under a Texas Moon" (4680).
 10.39: Vocal—Dick Robertson, "Lady Luck" (Perkins) (4592).
 Foxtrot—Colonial Club Orchestra, "My Man is on the Make" (4554).
 Foxtrot—Ben Bernie and His Orchestra, "The One Girl" (Younans).
 Waltz—Carter's Orchestra, "Old Virginia Moon" (Crawford-Kahn).
 Foxtrot—Abe Lyman and His California Orchestra, "Lucky Me, Loveable You" (Yellen-Ager) (4609).
 Foxtrot—Fred Hamm and His Orchestra, "We Love Us" (4689).
 Foxtrot—Abe Lyman and His California Orchestra, "Love Ain't Nothin' but the Blues" (Goodwin-Alter) (4609).
 11.0: God save the King.

3YA CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, AUGUST 19.

MUSIC WEEK.

3.0: Chimes.

Relay of Musical Programme from the Civic Theatre.

First half of programme by Christchurch Liedertafel
 (Conductor, Mr. Alfred Worsley).

Part-song—Christchurch Liedertafel, "The Viking's Song" (Coleridge-Taylor).

Tenor—Mr. C. R. Williamson, (a) "The Questioner" (Schubert), (b) "Oh, Lovely Night" (Landon Ronald).

Part-song—"The Evening Walk" (William Beals).

Baritone—Mr. Leslie N. Fleming, "The Song of the Toreador" (Bizet).

Part-song—"Landerkenning" (Grieg).

Pianoforte solo—Dr. T. L. Crooke, (a) "Novelette in F" (Schumann),

(b) "Deux Alouettes" (Leschetizky).

Part-songs—"Five Part-Songs" (Elgar).

Tenor—Mr. H. J. Francis, (a) "A Dream" (Bartlett), (b) "Indian

Serenade" (Voerji).

Part-song—"Ma Little Banjo" (Wm. Dichmont, arr. J. H. Brewer)

Weather forecast and station notices.

Second half of programme by the Christchurch Professional Musicians' Orchestra.

Overture (conductor Mr. Harold Beck), "Coriolan" (Beethoven).

Ballet Music (conductor Mr. H. G. Glaysher) from "La Reine de Saba" (Gounod).

Suite (conductor Mr. Arthur Gordon), "L'Arlesienne" (Bizet).

Overture (conductor Mr. Ernest Jamieson)—"Orpheus in the Underworld" (Offenbach).

God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—TUESDAY, AUGUST 19.

3.0: Chimes. Selected gramophone items.

4.25: Sports results.

4.30: Close down.

5.0: Children's Hour, conducted by Uncle Pete.

6.0: Dinner Music, "Columbia" Hour.

Orchestral—Finck's Orchestra, "Gaiety Echoes."

Orchestral—Sandler's Orchestra, "Las Lagarteranas."

Violin—Lipschultz, "La Golondrina" (Sorraddell) (Regal G20489).

6.12: Tacet.

6.15: Instrumental—Squire's Celeste Octet, "Everybody's Melodies."

Organ—John Hassel, "By the Waters of Minnetonka."

Orchestral—Sandler's Orchestra, "Raphaellito."

6.28: Tacet.

6.30: Orchestral—Regal Cinema Orchestra, "Broadway Selection."

Violin—Lipschultz, "Estrellita" (Ludlow) (Regal G20489).

Orchestral—Romani and Italian Orchestra, "Old Comrades March."

6.43: Tacet.

6.45: Orchestral—Berlin State Orchestra, "Die Fledermans" (Strauss).

Orchestral—Nullo Romani's Orchestra, "Canto Al Inverno."

Orchestral—Russian Novelty Orchestra, "Tesoro Mio" (Becucci).

6.58: Tacet.

7.0: News Session.

7.40: Talk—Mr. R. W. Marshall, "Tourist Resorts of N.Z."

8.0: Chimes.

Programme of music to be rendered by Band of 1st Otago Regiment,

under direction of Lieut. Asten, assisted by 4YA Artists.

March—The Band, "Under the Double Eagle" (Wagner).

Valse—The Band, "Reve Du Bal" (Ellenburgh).

8.12: Soprano—Mrs. D. Carty, (a) "Kerry Dance" (Molloy); (b) "Land of Long Ago" (Wright).

8.19: Novelty—Len Fillis Novelty Trio, "Heart of the Sunset" (Nicholls).

- 8.22: Recital—Miss Pennie Marshall, (a) "The Vampire" (Kipling); (b) "Wooden Legs" (Anon.).
 8.28: Baritone—Mr. L. H. Stubbs, "Border Ballad" (Cowen).
 8.31: Instrumental—The Band, "Les Cloches De Corneville" (Planquett).
 8.41: Contralto—Miss Mary Somerville, "Angus MacDonald" (Roeckel).
 8.44: Organ—Emil Velasco, "La Golondrina" (trdtl.) (Col. 01795).
 8.48: Patrol—The Band, "Wee McGregor" (Amers).
 8.55: Scottish Humour—Mr. Buster Brown, "Two Selected Scots Songs."
 9.0: Weather Report.
 9.2: Selection—The Band, "Musical Jig-Saw" (Asten).
 9.14: Soprano—Mrs. D. Carty, "Jock o' Hazeldean" (Scott).
 9.17: Orchestral—Debroy Somers' Band, "Scottish Medley One Step."
 9.21: Recital—Miss Pennie Marshall, "The Tom-Boy" (Wynne).
 9.25: Hawaiian—Feras Golden Hawaiians, "My Song of the Nile."
 9.28: Valse—The Band, "Wedding of the Winds" (Hall).
 9.35: Baritone—Mr. L. H. Stubbs, (a) "Whatever Is, Is Best" (Lohr); (b) "Dolorosa" (Phillips).
 9.41: Characteristic (Selection)—(Band)—"The Butterfly" (Bendix); (b) selection, "Salute D'Amour" (Elgar).
 9.49: Contralto—Miss Mary Somerville, (a) "Three" (Aylward); (b) "My Ain Folk" (Lemon).
 9.55: Organ—Emil Velasco, "Estrellita" (trdtl.) (Col. 01795).
 9.58: Scotch Humour—Mr. Buster Brown, "One of Lauder's Latest."
 10.3: March—The Band, "Sons of the Brave" (Bidgood).
 10.6: God save the King.

Wednesday, August 20

1YA, AUCKLAND (900 KILOCYCLES)—WEDNESDAY, AUGUST 20.

- 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, "Columbia" Hour.
 Orchestral—Albert Sandler and His Orchestra, "Someday, Somewhere" (Rapee, Pollack) (01521).
 Band—B.B.C. Wireless Military Band, "Strathspeys and Reels" Pt. 1 (arrgd. B. Walton O'Donnell) Pt. 2 (arrgd. G. Williams) (01812).
 Saxophone—Rudy Wiedoeft, "Sax-o-Phun" (Wiedoeft) (4037).
 Orchestral—Len Pellis Novelty Trio, "The Heart of the Sunset."
 6.13: Tacet.
 6.15: Orchestral—Percy Pitt and Augmented Symphony Orchestra, "Poet and Peasant—Overture Parts 1 and 2" (Suppe) (05044).
 Harp—Sidoni Goossens, "Song of the Volga Boatmen."
 Band—H. G. Amers and the Eastbourne Municipal Band, "The B'Hoys of Tipperary" (Amers) (01767).
 6.28: Tacet.
 6.30: Orchestral—Albert Sandler and His Orchestra, "Sonny Boy."
 Orchestral—H. G. Amers and the Eastbourne Municipal Orchestra, "Second Serenata" (Toselli—arrgd. Geehl) (05033).
 Saxophone—Rudy Wiedoeft, "La Cinquantaine."
 Orchestral—Debroy Somers Band, "Russian Fantasy."
 6.43: Tacet.
 6.45: Band—H. G. Amers and the Eastbourne Municipal Band, "All on a Christmas Morning—Idyll" (Amers) (01767).
 Orchestral—B.B.C. Wireless Symphony Orchestra, "H.M.S. Pinafore Selection Pts. 1 and 2" (Sullivan) (G30023).
 Orchestral—H. G. Amers and the Eastbourne Municipal Orchestra, "Tarantelle for Flute and Clarinet" (Saint Saens) (05033).
 6.58: Tacet.
 7.0: News and Market Reports.
 7.40: Talk—Madame Mabel Milne, "Health and Diet."
 8.0: Chimes.

Programme by the Auckland Orphans' Club Orchestra, under the conductorship of Mr. Harold Beck.

- March—Auckland Orphans' Club Orchestra, "Night" (Alford).
 Overture—Auckland Orphans' Club Orchestra, "Pique Dame" (Suppe).
 8.9: Baritone—Mr. Laurie Stuart, (a) "Close Props" (Charles); (b) "Give a Man a Horse" (O'Hara).
 8.16: Fantasia—Auckland Orphans' Club Orchestra, "A Darkey's Dreamland."
 Bassoon solo—Mr. Jack Bamber, "Lucy Long" (Godfrey).
 8.30: Chorus—Wiener Schubertbund, "Der Tanz" (Schubert) (Col. 02836).
 8.34: Morceau—Auckland Orphans' Club Orchestra, "Melody in F."
 Suite—Auckland Orphans' Club Orchestra, "Henry VIII Dances" (German); 1. Morris; 2. Shepherd's; 3. Torch.
 8.48: Talk—Mr. A. B. Chappell M.A., "Topical Talk."
 9.3: Evening Weather Forecast and Announcements.
 9.5: Overture—Auckland Orphans' Club Orchestra, "Fingal's Cave."
 Divertissement—Auckland Orphans' Club Orchestra, "A Day in Naples."
 9.23: Light baritone—Mr. Frank Campbell, (a) "Pass Everyman" (Sander-son); (b) "I Pitch My Lonely Caravan" (Coates).
 9.30: Waltz—Auckland Orphans' Club Orchestra, "Eros" (composed by a member of the club's orchestra) (Anon.).
 Nautical Overture—Auckland Orphans' Club Orchestra, "Plymouth Hoe" (Ansell).
 9.46: Chorus—Choir with Ketelbey's Orchestra, "Men of England."
 9.54: Patrol—Auckland Orphans' Club Orchestra, "Wee McGregor" (Amers).
 Spanish March—Auckland Orphans' Club Orchestra, "Vite" (Lope).
 20.1: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—WEDNESDAY, AUGUST 20.

- 2.30: Relay from Pipitea Point of the Sale of Imported Ayrshire Stud Stock, under the auspices of the New Zealand Ayrshire Association.
 Close down.

3YA, CHRISTCHURCH (980 KILOCYCLES)—WEDNESDAY, AUGUST 20.

- 3.0: Afternoon Session Gramophone Recital.
 4.25: Sports results.
 4.30: Close down.
 5.0: Children's Hour, conducted by Uncle John.
 6.0: Dinner Session, "H.M.V." Hour.
 Orchestral—New Symphony Orchestra, "Le Cid Ballet Music" (a) Castillane; (b) Aubade; (c) "Andalouse" (d) Aragonaise.
 Violin—Heifetz, (a) "Jota" (de Falla); (b) "Puck" (Grieg).
 Orchestral—Marek Weber and His Orchestra, "Menuett No. 1."
 6.14: Tacet.
 6.15: Band—Band of H.M. Coldstream Guards, "Iolanthe" (Sullivan).
 Orchestral—The London Orchestra, "Valse Memories Pt. 1 and 2."
 Organ—R. E. McPherson, "Ninette" (Maud) (B3118).
 6.28: Tacet.
 6.30: Orchestral—New Symphony Orchestra, "Le Cid Ballet Music" (a) Madrilene; (b) "Navarraise (Massenet) (C1639).
 Violin—Heifetz, "On Wings of Song" (Mendelssohn) (DB1216).
 Band—Band of H.M. Coldstream Guards, "Pirates of Penzance."
 6.43: Tacet.
 6.45: Orchestral—Marek Weber's Orchestra, "I Pagliacci" (Leoncavallo).
 Organ—R. E. McPherson, "A Japanese Sunset" (Deppen) (D3118).
 Orchestral—Marek Weber and Orchestra, "Coeur Brise" (Gillet).
 6.59: Tacet.
 7.0: News Session.
 7.30: Addington Stock Market Report.
 8.0: Chimes.

MUSIC WEEK.

Relay of programme from the Civic Theatre.

- Cantata—Miss Marian Woodhouse's Glee Club, "Daughter of the Sea."
 Instrumental—Instrumental Quintet, violin, Miss Irene Morris, viola, Mr. J. Mercer, violoncello, Mr. Harold Beck, bass, Mr. W. J. Barsby, pianoforte, Mr. Ernest Empson—"Quintet in A Major 'The Trout'" (Schubert Op. 114), Allegro, Andante, Scherzo, Theme with Variations, Finale.
 Mixed Quartet—Grand Opera Quartet—Soprano, Madame Gower-Burns; contralto, Miss Alice Vinsen; tenor, Mr. Ernest Rogers; bass, Mr. Jas. Filer, "Fairest Daughter of the Graces" (from opera "Rigoletto") (Verdi).
 Weather Report and Station Notices.
 Pianoforte—Miss A. Harley Slack, "Aufschwung Soaring."
 Contralto—Miss Marian Woodhouse, "Hymn to Aphrodite" (Sappho).
 Overture—Woolston Band "Bohemian Girl" (Balfe).
 Soprano—Miss Lillian Hanham, "Lo, Here the Gentle Lark" (Flute obligato by Mr. W. Hay) (Sir Henry Bishop).
 Cornet Duet—Bandsmen R. Ohlsen and J. Annand with band accompaniment, "Sandy and Jock" (Rimmer).
 Vocal Excerpts from song cycle, Grand Opera Quartet—(a) "Come All Ye Lads and Lassies" (Lane Wilson); (b) "The Country Dance"; (c) "The Commotion of Love" (From "Flora's Holiday").
 Trombone solo—Soloist Bandsman E. Williams and Band accompaniment, "Winning Spurt" (Clough).
 March—Band, "Dunedin" (Alford).
 God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—WEDNESDAY, AUGUST 20.

- 3.0: Chimes. Selected gramophone items.
 3.15: Talk—Home Science Extension Department of Otago University, under auspices of 4YA Primary Productions Committee, "Hot Puddings and Pies."
 4.25: Sports results.
 4.30: Close down.
 5.0: Chimes.
 6.0: Dinner music—"Parlophone" Hour.
 Waltz—Dajos Bela Orchestra, (a) "Sulamith" (Hansen-Milde); (b) "Mignonette" (Nicholls) (E10571).
 Instrumental—Dajos Bela Orchestra, "Eldgaffeln" (Landen) (A4009).
 6.12: Tacet.
 6.15: Instrumental—Frank Westfield's Orchestra, "Classica" (arrgd. Tilsley).
 Organ—Sigmund Krumgold, "Indian Love Call" (Friml) (A2339).
 Waltz—Dajos Bela Orchestra, "You, Only You" (Arnold) (E10592).
 6.27: Tacet.
 6.30: Selection—Raie da Costa Ensemble, "Funny Face" (Gershwin).
 Waltz—Dajos Belo Orchestra, "The Sphinx" (Poppy) (E10592).
 6.42: Tacet.
 6.45: Instrumental—Orchestra Mascotte, (a) "The Flowers' Dream" (Trans-lateur); (b) "Whispering of the Flowers" (Von Blon) (A2559).
 Organ—Sigmund Krumgold, "Gypsy Love Song" (Herbert) (A2339).
 Instrumental—Dajos Bela Orchestra, "Electric Girl."
 6.58: Tacet.
 7.0: News session.
 7.15: Talk—Mr. J. E. Davies, Department of Agriculture, under the auspices of 4YA Primary Productions Committee, "Review of Boys' and Girls' Clubs in Otago, 1929-30."
 8.0: Chimes.
 Overture—National Symphony Orchestra, "The Evolution of Dixie."
 8.9: Male quartet—The Radlons, "I'm Gwine to Sing" (Negro Spiritual).

- 8.14: Selection—Select Four, "Lady, Be Good" (Gershwin).
 8.20: Tenor—First Radion, "I Heard You Singing" (Coates).
 8.24: Violin and vocal chorus—Ted Farrant, (a) "When the Real Thing Comes Your Way" (Lynton); (b) "I'll Always be in Love with You" (Lynton).
 8.30: Duet—Two Radlons, "Excelsior" (Balfe).
 8.36: Selection—Select Four, "Katinka" (Friml).
 8.46: Quartet—The Radlons, (a) "Smilin' Thru" (Penn); (b) "The Bill of Fare" (Neil).
 8.51: Violin—Ted Farrant, "I Never See Maggie Alone" (Lynton).
 8.57: Baritone—Third Radion, "Song of the Vagabond" (Friml).
 9.0: Weather report.
 9.2: Instrumental—Select Four, "Evening Shadows" (Polla).
 9.6: Duet—Two More Radlons, "For You Alone" (Geehl).
 9.10: Violin solo—Ted Farrant, "Where the Shy Little Violets Grow."
 9.15: Tenor—Second Radion, "Waiaia Poi" (Hill).
 9.19: Instrumental—Select Four, "Miss You" (Tobias).
 9.23: Baritone—Fourth Radion, "Prince Ivan's Song" (Allitsen).
 9.26: Quartet—The Radlons, "Because" (D'Hardelot).
 9.30: Dance session—"Brunswick."
 Foxtrot—Cotton Pickers, "He's a Good Man to have Around."
 Foxtrot—Ray Miller's Orchestra, "Someone's Falling in Love."
 Foxtrot—Cotton Pickers, "Shoo, Shoo Boogie Boo" (Robin) (4447).
 Foxtrot—Ray Miller's Orchestra, "If You Want Lovin'" (Spier).
 9.42: Vocal duet—The Inspiration Boys, "On the Alamo" (Kahn) (4436).
 Foxtrot—Gerunovich's Roof Garden Orchestra, "There's Sugar Cane Around My Door" (Leonard) (4430).
 Foxtrot—Mount Royal Hotel Orchestra, "Finding the Long Way Home" (Kahn) (4406).
 Waltz—Regent Club Orchestra, "Mistakes" (Leslie) (4473).
 Waltz—Carter's Orchestra, "Three O'Clock in the Morning" (Terriss).
 9.57: Organ and xylophone—Lew White, "You Were Meant For Me."
 Foxtrot—Mount Royal Hotel Orchestra, "The Land of Sleepy Water."
 Foxtrot—Biltmore Hotel Orchestra, "That's What I Call Sweet Music."
 Foxtrot—Red Nicholls' Five Pennies, "Alice Blue Gown" (Tierney).
 Foxtrot—Biltmore Hotel Orchestra, "Now I'm in Love" (Yellen).
 10.12: Comedienne—June Pursell and Roy Fox, "I'm Walking Around in a Dream" (Lewis) (4412).
 Foxtrot—Arnold Johnson's Orchestra, "Don't Hang Your Dreams on a Rainbow" (Kahal) (4452).
 Foxtrot—Al Goodman's Orchestra, "Or What Have You?" (Henry).
 Foxtrot—Colonial Club Orchestra, "Song of the Moonbeams."
 Foxtrot—Al Goodman's Orchestra, "I've Made a Habit Out of You."
 Waltz—Regent Club Orchestra, "If We Never Should Meet Again."
 10.30: Organ with xylophone—Lew White, Wedding of the Painted Doll.
 Foxtrot—Oriole Orchestra, "An Old Italian Love Song" (Harrison).
 Foxtrot—Lyman's California Orchestra, "Ain't Misbehavin'" (Razar).
 Foxtrot—Oriole Orchestra, "Why Did You?" (Lombardo) (4439).
 Foxtrot—Red Nicholls Five Pennies, "A Pretty Girl is Like a Melody."
 10.45: Vocal duet—The Inspiration Boys, "The Moonlight March."
 Foxtrot—Hotel Astor Orchestra, "Every Moon's a Honeymoon."
 Foxtrot—Lyman's California Orchestra, "Bashful Baby" (Friend).
 Foxtrot—Hotel Astor Orchestra, "An Eye-full of You" (Gilbert).
 Waltz—Carter's Orchestra, "That Naughty Waltz" (Stanley) (4433).
 11.0: God save the King.
- 8.0: Chimes. A musical evening with British composers by the IYA Broadcasting Choir under direction of Mr. Len Barnes.
 8.9: Choir—IYA Broadcasting Choir, "London Town" (German).
 Choir—IYA Broadcasting Choir, "Bushes and Briars" (Essex folk-song) (Ronald).
 8.16: Soprano—Miss Gwenda Weir, "Down in the Forest" (Ronald).
 8.20: Orchestra—San Francisco Symphony Orchestra, "Caprice Viennois."
 8.24: Choir—IYA Broadcasting Choir, "John Bull Shot Them All" (Old English Rhyme) (Carse).
 Choir—IYA Broadcasting Choir, "Blow, Blow, Thou Winter Wind" (Ireland), (b) "Danse Negri" (Scott).
 8.38: Choir—IYA Broadcasting Choir, "To Music" (Barnes).
 8.39: Choir—IYA Broadcasting Choir, "True Love's a Gift" (Wood).
 8.42: Lecture—Mr. H. Hollinrake, "British Composers."
 9.1: Evening weather forecast and announcements.
 9.3: Organ—W. G. Alcock, "Reverie" (Lemare).
 9.7: Baritone and male chorus—Mr. Len Barnes and male chorus, "The Toper's Song" (Warlock).
 9.11: Choir—IYA Broadcasting Choir, "Baby Mine" (Heath).
 9.14: Orchestra—San Francisco Symphony Orchestra, "Coppelia Ballet."
 9.18: Contralto—Miss Hinemoa Rosieur, "Dusk of Dreams" (Martin).
 9.22: Cello—Lauri Kennedy, "Old Scotch Melody" (arr. Kennedy).
 9.26: Choir—IYA Broadcasting Choir, "The Pedlar" (Round) (Wilson).
 9.29: Choir—IYA Broadcasting Choir, "The Three Ships" (Taylor).
 9.32: Dance programme—"Columbia":
 Foxtrot—Broadway Nitelites, "You're the Cream in My Coffee."
 Foxtrot—Denza Dance Band, "A Lane in Spain" (9722).
 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 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" (0722).
 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) (01187).
 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, and Conrad) (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" (Regal G20522).
 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.

Thursday, August 21

IYA, AUCKLAND (900 KILOCYCLES)—THURSDAY, AUGUST 21.

- 3.0: Afternoon session—Selected studio items.
 3.15: Home Science—"The Making of Home-Made Bread" (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—"H.M.V." Hour:
 Instrumental—Royal Opera Orchestra, "Præludium" (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, "Traumerei" (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) (ED5).
 March—San Francisco Symphony Orchestra, "Marche Militaire."
 6.57: Tacet.
 7.0: News and market reports.

2YA, WELLINGTON (720 KILOCYCLES)—THURSDAY, AUGUST 21.

- 3.0: Chimes. Selected studio items.
 3.15: Home Science—Miss Imelda Meadow, "The Making of Home-made Bread" (talk prepared by Home Science Extension Service of Otago University).
 3.30 and 4.30: Sporting results to hand.
 4.55: Close down.
 5.0: Children's session.
 6.0: Dinner music session—"Columbia" Hour:
 Instrumental—Ketelbey's Concert Orchestra, "In a Persian Market."
 Violin—Efrem Zimbalist, "Liebeslied" (Old Vienna Waltz—Kreisl).
 6.12: Tacet.
 6.15: Morceau—Plaza Theatre Orchestra, "The Busy Bee" (Bendix) (01438).
 Dance—Plaza Theatre Orchestra, "My Lady Dainty" (Hesse) (01438).
 Octet—J. H. Squire's Celeste Octet, "Al Serenata" (Braga) (9116).
 Cinema organ—G. T. Pattman, "Firefly" (Nicholls) (01348).
 6.27: Tacet.
 6.30: Orchestra—Paul Whiteman and His Orchestra, "Song of India" (07510).
 Waltz—New Concert Orchestra, "Hydropaten" (Gungl) (02672).
 Violin—Efrem Zimbalist, "Zapateado" (Sarasate) (04221).
 6.42: Tacet.
 6.45: Waltz—New Concert Orchestra, "Jolly Fellows" (Bruder) (02672).
 Octet—J. H. Squire's Celeste Octet, "Serenade" (Titl) (9116).

- Orchestral—Paul Whiteman and His Orchestra, "Liebestraum" (07510)
 6.56: 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 Railways."
 8.0: Chimes. Studio concert by the Wellington Municipal Tramways Band (Conductor, Mr. E. Franklin), assisted by 2YA artists.
 Overture—The Band, "Light Cavalry" (Suppe).
 8.9: Soprano—Mrs. E. F. Hollands, "April Morn" (Battan).
 8.13: Baritone—Mr. K. Rigby, "Your Eyes Have Told Me So" (Hardy).
 8.17: Selection—The Band, "Quartet" from "Rigoletto" (Verdi).
 8.22: Humour—Miss Esme Crow, "In the Beauty Parlour" (Fisk).
 8.27: Japanese flute solo—Mr. K. Kubota, "Oiwake" (a love song of an "Ainu" maiden) (traditional) (with introductory remarks).
 8.33: Contralto—Miss Ivy Stanton, (a) "Praise of God" (Beethoven), (b) "The Snowdrop" (Craxton).
 8.39: Cornet solo with band accompaniment, Bandsman W. Stevenson, "Serenade" (Schubert).
 8.43: Tenor—Mr. Kenneth Small, "Herdin Song" (arr. Kennedy-Fraser).
 8.49: Vocal quintet—The Maestros, (a) "Will the Angels Play Their Harps for Me?" (Hirsch and Wilhite), (b) "Old Pal" (Regan) (Col. DO7).
 8.53: Waltz—The Band, "Willowdene" (Rimmer).
 9.0: Weather report and announcements.
 9.2: Soprano—Mrs. E. F. Hollands, (a) "Homeward to You" (Coates), (b) "Love, Here is My Heart" (Slesu).
 9.8: Instrumental—Paul Whiteman's Orchestra, "Song of India" (Col.).
 9.12: Baritone—Mr. K. Rigby, (a) "Nirvana" (Adams), (b) "Deep in the Heart of a Rose" (Ronald).
 9.18: Selection—The Band, "Mignon" (Thomas).
 9.28: Humour—Miss Esme Crow, "Aunt Marie Gets Shingled" (Anon.).
 9.33: Trombone solo with band accompaniment, Bandsman Glennie, "Sliding Jim" (Losey).
 9.38: Contralto—Miss Ivy Stanton, "Kashmiri Song" from "Indian Love Lyrics" (Woodforde-Finden).
 9.42: Tenor—Mr. Kenneth Small, (a) "To Daisies" (Quilter), (b) "Eriskay Love Lilt" (Kennedy-Fraser).
 9.48: Foxtrots—The Band, (a) "Painting the Clouds with Sunshine" (Dubin-Burke), (b) "Tiptoe Thru' the Tulips" (Dubin-Burke).
 9.55: Vocal duet—Layton and Johnstone, "Lucky Me, Lovable You" (Col.).
 9.58: March—The Band, "Soldatenblut" (Von Blon).
 10.2: God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—THURSDAY, AUGUST 21.

- 3.0: Afternoon session—Gramophone recital.
 3.15: Home science—"The Making of Home-made Bread." Talk arranged by the Home Science Extension Service, Otago University.
 4.25: Sports results.
 4.30: Close down.
 5.0: Children's hour, "Ladybird and Uncle Frank."
 6.0: Dinner session—"Columbia" Hour.
 Orchestral—Mengelberg's Concertgebouw Orchestra, "Oberon Overture, Parts 1, 2 and 3" (Weber) (04347).
 Octet—Squire's Chamber Orchestra, "L'Arlesienne Suite" Intermezzo.
 6.13: Tacet.
 6.15: Orchestral—Menorah Symphony Orchestra, "Shulamith Selection."
 Band—B.B.C. Wireless Military Band, "Indian Queen."
 Octet—Squire's Chamber Orchestra, "L'Arlesienne Suite Minuet."
 6.29: Tacet.
 6.30: Orchestral—New Queen's Hall Orchestra, "Slavonic Dance in G Minor."
 Band—B.B.C. Wireless Band, "Helston Furry Processional."
 Orchestral—Classic Symphony Orchestra, "Classical Memories."
 6.44: Tacet.
 6.45: Octet—Squire's Celeste Octet, "Ave Maria" (Bach) (02569).
 Poltronieri String Quartet, "Quartet in E—Andante and Canzonetta."
 Orchestral—Squire's Celeste Octet, "On Wings of Song" (Mendelssohn).
 6.58: Tacet.
 7.0: News session.
 7.30: Talk—Mr. A. Amos (President of the Wakanui Branch of the Farmers' Union), "The Header Harvester."
 8.0: Chimes.

MUSIC WEEK.

- Relay of programme from The Civic Theatre.
 National Anthem—Christchurch Male Voice Choir (Conductor, Dr. J. C. Bradshaw, "God save the King" (Bull).
 Part song—Christchurch Male Voice Choir, "Fate's Discourtesy" (from "Tringes of the Fleet"). Assisted by the Cathedral Choirsters.
 Part song—Christchurch Male Voice Choir, "What Care I How Fair She Be" (words by George Wither) (Blumenthal, 1829-1908).
 Mixed quartet—Misses Corrie Aslin; Dulcie Mitchell; Messrs. H. Blakeley and J. G. Young, (a) "Lovely Night" (Chwatal); (b) "Gossip Joan" (Old English) (Geoffrey Shaw, 1734).
 Glee for Five Voices—Christchurch Male Choir—"The Bells of St. Michael's Tower" (founded in Knyvetts for three voices) (Stewart, 1825-1894).
 Tenor solo and chorus—Mr. E. Rogers and Christchurch Male Voice Choir, "Blow, Blow Thou Winter Wind" (T. T. Noble, 1867).
 Soprano songs—The Cathedral Choirsters, (a) Winchester College Song, "Dulce Domum," solo—Master P. Wright (Reading, 1645-1692); (b) "Running On" (Harwood, 1859).

- Contralto—Miss Dulcie Mitchell, "O Mio Fernando" (La Favorita).
 Part song—Christchurch Male Choir, "Beware" (Terry, 1865).
 Baritone—Mr. Fred C. Penfold, "Mine Enemy" (Rudd).
 Sailor shanties—Christchurch Male Voice Choir, Solo by Mr. J. G. Young; (a) "Tom's Gone to Hilo" (arrgd. Jacobson); (b) "The Drummer and the Cook" (arrgd. Jacobson).
 Organ—Mr. Arthur Lilly, (a) "Finale from the First Organ Sonata" (Mendelssohn); (b) "Amaryllis" (Gavotte Louis XIII) (Ghys).
 Weather report and station notices.

From the Studio.

- Instrumental—Christchurch Broadcasting Trio, "March Militaire."
 Overture—Christchurch Orchestral Society (Conductor, Professor Oddone Savini), "Hansel and Gretel" (Humperdinck).
 Violin solo—Mr. Arthur Gordon, "Spanish Dance, No. 3, Op. 22."
 Instrumental—Christchurch String Quartet, Scherzo "Allegro and Slow Movement from Quartet No. 2 in D Major" (Borodin). Violin, Gladys Vincent; violin, Arthur Gordon; viola, Oddone Savini; cello, Francis Bate.
 Orchestral—Christchurch Orchestral Society, "Intermezzo Danse Esotique" (Mascagni).
 God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, AUGUST 21 SILENT DAY.

Friday, August 22

1YA, AUCKLAND (900 KILOCYCLES)—FRIDAY, AUGUST 22.

- 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—Halle Orchestra, "Capriccio Espagnole."
 6.13: Tacet.
 6.15: Orchestral—Menorah Symphony Orchestra, "Bar Kochba" Selection.
 Piano—Ignaz Friedman, "Minuetto From Suite" (J. Suk) (04346).
 Orchestral—New York Symphony Orchestra, "Entrance of the Little Fauns" (Pierne) (02907).
 6.28: Tacet.
 6.30: Band—B.B.C. Wireless Military Band, "Gathering Peascods-Folk Dance" (arrgd. Cecil J. Sharp) (01711).
 Violin—Yelly D'Aranyi, "Souvenir" (Drda) (03644).
 Orchestral—Orchestra de la Societe des Concerts du Conservatoire, Paris, "Le Rouet D'Omphale" (Saint Saens) (02926).
 6.42: Tacet.
 6.45: Band—B.B.C. Wireless Military Band, "Epping Forest" Folk Dance.
 Piano—Ingaz Friedman, "Berceuse" (Chopin) (04346).
 Orchestral—Berlin State Orchestra, "Wiener Blut" (Strauss).
 6.58: Tacet.
 7.0: News and Market Reports.
 7.40: Talk—Mr. J. F. Montague, "Maori Pronunciation and Place Names."
 8.0: Chimes.
 Overture—1YA Orchestral Octet, under direction of Mr. Eric Waters, "Rosamunde" (Schubert).
 8.11: Contralto—Mrs. L. M. Keven, (a) "O Western Wind" (Brahe); (b) "Cradle Me Low" (Brahe).
 8.18: Orchestral—1YA Orchestral Octet, "Lilaces" (Rachmaninoff).
 8.21: Baritone—Mr. John Bree, (a) "Her Fortune" (Schubert). (b) "A Love Song" (Brahms).
 8.28: Orchestral—1YA Orchestral Octet, "The Islet" (Rachmaninoff).
 8.31: Mezzo-soprano—Madame Mary Towsey, (a) "A Fairy Love Song" (Kennedy-Fraser); (b) "Kishmul's Galley" (Kennedy-Fraser).
 8.38: Orchestral—1YA Orchestral Octet, "Norwegian Rhapsody No. 3."
 8.46: Contralto—Mrs. L. M. Keven, "This Is The Island of Gardens."
 8.50: Orchestral—1YA Orchestral Octet, "Before Dawn" (O'Neill).
 8.54: Evening Weather Forecast and Announcements.
 8.56: Vocal Duet—Madame Mary Towsey and Mr. John Bree, "What Will You Do Love" (Lover).
 9.0: Orchestral—1YA Orchestral Octet, "Serenade" (Bridge).
 9.4: Baritone—Mr. John Bree, "The Linden Tree" (Schubert).
 9.8: Orchestral—1YA Orchestral Octet, "Carissima" (Elgar).
 9.12: Mezzo-soprano—Madame Mary Towsey, "Women of Inver."
 9.16: Orchestral—1YA Orchestral Octet, "Three Dances from 'Nell Gwynn'."
 9.25: Lecture-Recital—Mr. Karl Atkinson, "Gramophone Lecture-Recital, 'The Musical Renaissance.'"
 10.0: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—FRIDAY, AUGUST 22.

- 3.0: Chimes. Selected Studio Items.
 3.30 and 4.30: Sports results to hand.
 4.55: Close down.
 5.0: Children's Session.
 6.0: Dinner Music Session, "Parlophone" Hour.
 Selection—Edith Lorand Orchestra, "La Boheme" (Puccini).
 Waltz—Edith Lorand Orchestra, "La Serenade" (Metra) (E10522).
 Violin—Tossy Spiwakowsky, "Turkish March" (Beethoven) (A2561).

- 6.12: Tacet.
 6.15: Waltz—Edith Lorand Orchestra, "Venetian Barcarolle."
 Trio—Dajos Bela Trio—(a) "Traumerel" (Schumann); (b) "Chant D'Automne" (Tschalkowsky) (E10573).
 'Cello—Gregor Piatigorsky, "The Swan" (Saint Saen) (A2628).
 6.28: Tacet.
 6.30: Edith Lorand Orchestra, (a) "Minauet" (Boccherini); (b) "Toreador and Andalouse" (Rubenstein) (A4108).
 Waltzes—Royal Music Makers, (a) "Kiss Me Again" (Herbert); (b) "Ah Sweet Mystery of Life" (Herbert) (A2722).
 6.44: Tacet.
 6.45: Suite—Paris Comique Orchestra, "Ballet Egyptien" (Luigini).
 6.57: Tacet.
 7.0: News Session. Market Reports and Sports Results.
 7.40: Lecturette—Mr. Barry Coney, "The Foundation of Good Voice Production."
 8.0: Chimes.
 NOTE: During the course of this programme there will be a relay of a Sound Film Feature from the Majestic Theatre.
 Overture—2YA Orchestra (Conductor Signor A. P. Truda) "Gir-aldia" (Adam).
 Soprano—Mlle A. Pola Schea, "Some Day" from "The Vagabond King" (Friml).
 Piano—Miss Gladys Morgan, "Barcarolle" (Cyril Scott).
 Baritone—Mr. Ernest Short, "Largo Al Factotum" from "Barber of Seville" (Rossini).
 Operatic Selection—2YA Orchestra, "Rigoletto" (Verdi).
 Humour—Mr. Cedric Gardiner, "A. B. Ben Adams's Dream" (Poulton).
 Violin—Peter Bornstein, (a) "Mazurka" (Wienlowski); (b) "Polichinelle" (Kreisler) (H.M.V. EA676).
 Contralto—Miss Ngairi Coster, "My Cinnamon Tree" from "Cingalee."
 Tenor—Mr. Harry Dunn, "Then You'll Remember Me" from "Bohemian Girl" (Balfe).
 Selection—2YA Orchestra, "Genevieve De Brabant" (Offenbach).
 Weather Report and Announcements.
 Soprano—Mlle A. Pola Schea, "Solveig's Song" from "Peer Gynt."
 Vocal with orchestra—Zonophone Light Opera Company, Vocal Gems from "Merry Widow" (Lehar) (Zono. A367).
 Selection—2YA Orchestra, "Slavonic Dance No. 7" (Dvorak).
 Baritone—Mr. Ernest Short, "The Fishermen of England" from "Rebel Maid" (Montague).
 Humour—Mr. Cedric Gardiner, "Desert Love" (Anon.).
 Band of H.M. Coldstream Guards, "Selection from 'Martha'" (Flotow).
 Contralto—Miss Ngairi Coster, "Jewel of Asia" from "Geisha."
 Tenor—Mr. Harry Dunn, (a) "Pray Goody" from "Midas" (O'Hara); (b) "Serenade" (Weber).
 Concert Valse—2YA Orchestra, "Reverie" (Waldteufel).
 God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—FRIDAY, AUGUST 22.

- 3.0: Afternoon session—Gramophone recital.
 4.25: Sports results.
 4.30: Close down.
 5.0: Children's hour—"Peterkin."
 6.0: Dinner session—"Parlophone" Hour.
 Overture—Grand Symphony Orchestra, "Zampa" (Herold) (A4020).
 Waltz—Dajos Bela Orchestra, "Morgenblatter" (Strauss) (A4038).
 6.12: Tacet.
 6.15: Instrumental—Orchestra of the Opera Comique, Paris, "Scenes Pittoresques" (Massenet) (A4057).
 Waltz—Edith Lorand Orchestra, "Vienna Waltz" (Drdla) (E10531).
 6.27: Tacet.
 6.30: Waltz—Dajos Bela Orchestra, "Marien Klange" (Strauss) (A4038).
 Instrumental—Dajos Bela Orchestra, "Ideale" (Tosti) (A4015).
 Waltz—Edith Lorand Orchestra, "Merry Vienna" (Zishrer) (E10531).
 6.42: Tacet.
 6.45: Waltz—Edith Lorand Orchestra, "Song of Autumn" (Waldteufel).
 Waltz—Queenie and David Kaili, "Hawaiian March" (Ellis) (A2372).
 Valse Intermezzo—Edith Lorand Orchestra, "The Flowers' Dream."
 Selection—H.M. Irish Guards, "The Desert Song" (Romberg) (A2433).
 6.57: Tacet.
 7.0: News session.
 8.0: Chimes.

MUSIC WEEK.

CHRISTCHURCH MUSICAL FESTIVAL.

- Relay of musical programme from the Civic Theatre.
 Instrumental duet, piano and violin—Miss Aileen Warren (piano) and Professor Zimmerman (violin), "Kreutzer Sonata, Op. 47."
 Soprano—Madame Gower Burns, "Sing, Sweet Bird" (with harp obligato by Mr. H. G. Glaysher) (Ganz).
 Pianoforte solo—Mr. Alfred Bunz, (a) "Nocturne in D Flat, Op. 27" (Chopin); (b) "Valse in E Minor" (Chopin).
 Vocal trios—Misses Sylvia Angus (soprano), Delcia Phillpott (mezzo-soprano), Kathleen Bond (contralto), (a) "Song of the Morning" (Mona Burney); (b) "The Dream Seller" (Markham Lee).
 Weather forecast and station notices.

From the Studio.

- Instrumental—Studio Instrumental Octet, "Blue Danube Waltz."
 Organ solo—Dr. C. Edgar Ford (Examiner, Trinity College, London), (a) "Toccata and Fugue in D Minor" (Bach); (b) "Fantasie Rustique" (Wolstenholme).
 Soprano—Madame Gower Burns, "Ave Maria" (with piano, organ and violin accompaniment) (R. A. Horne).
 Songs at the piano—Miss Millicent Jennings, (a) "Berwick Market" (Drummond); (b) "That's All" (Brahe); (c) "Petronille."
 Grand fantasia—Derry's Military Band, "Brittania" (Shipley-Douglas).
 Dance programme—"Columbia."
 Foxtrot—Palais Royal Orchestra, "Louise" (Whiting) (Regal G20527).
 Foxtrot—Ambassadors Band, "My Man" (Channing) (01566).
 Foxtrot—Willie Creager's Orchestra, "On Top of the World Alone."
 Foxtrot—Ambassadors' Band, "Second-Hand Rose" (Clarke) (01566).
 Hawaiian—Milford's Hawaiian Players, "Hawaiian Hotel" (Nainas).
 Foxtrot—The Harmonians, "When My Dreams Come True" (Berlin).
 Foxtrot—Paul Whiteman's Orchestra, "China Boy" (Winfree).
 Foxtrot—Stellar Dance Band, "This is Heaven" (Yellen).
 Waltz—The Piccadilly Players, "Lisette" (Major and Andrew).
 Soprano—Marie Burke, "I'd Rather Be Blue Over You" (Rose).
 Foxtrot—Paul Whiteman's Orchestra, "I'm in Seventh Heaven."
 Foxtrot—Paul Whiteman's Orchestra, "Oh, Miss Hannah" (Deppen).
 Foxtrot—Paul Whiteman's Orchestra, "Little Pal" (de Sylva).
 Foxtrot—Rhythmic Troubadours, "You're the Cream in My Coffee."
 Hawaiian—Milford's Hawaiian Players, "Honeymoon Chimes" (Brown).
 Foxtrot—Royal Canadians, "This is Heaven" (Yellen) (01632).
 Foxtrot—Royal Canadians, "I Get the Blues When it Rains."
 Waltz—Milford's Hawaiian Players, "Kawaihau" (Hawaiian Air).
 Soprano—Marie Burke, "You Kiss My Hand, Monsieur" (Erwin).
 Foxtrot—Rhythmic Troubadours, "Jericho" (Robin) (Regal G20532).
 Foxtrot—The Piccadilly Players, "I Found You Out When I Found You In" (O'Flynn-Pence) (01563).
 Foxtrot—Ray Starita's Ambassadors, "Ever So Goosey" (Wright).
 Foxtrot—Rhythmic Troubadours, "Do Something" (Green).
 Ipana Troubadours, "To Be in Love" (Turk) (01660).
 Hawaiian—Milford's Hawaiian Players, "Aloha Land" (Herzer).
 Foxtrot—All-Star Trio, "Dream Mother" (Burke) (01630).
 Foxtrot—Rhythmic Troubadours, "To Know You is to Love You."
 Foxtrot—Corona Dance Band, "Olaf" (Baer) (Regal G20519).
 Waltz—All-Star Trio, "Evangeline" (Jolson) (01630).
 11.0: God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—FRIDAY, AUGUST 22.

- 3.0: Chimes. Selected gramophone items.
 4.25: Sporting results.
 4.30: Close down.
 5.0: Chimes. Children's hour, conducted by "Aunt Sheila."
 6.0: Dinner music—"Columbia" Hour:
 Selection—B.B.C. Wireless Symphony Orchestra, "La Boutique Fantasque" (Respighi, arr. Carr) (Regal G80018).
 'Cello—W. H. Squire, "Humoresque" (Dunkler-Squire) (04192).
 6.12: Tacet.
 6.15: J. H. Squire's Celeste Octet, "Chant Sans Paroles" (Tschalkowsky).
 Suite—Plaza Theatre Orchestra, "Gipsy Suite": (1) Valse, Lonely Life, (2) Allegro, The Dance (German) (02537).
 6.27: Tacet.
 6.30: Suite—Plaza Theatre Orchestra, "Gipsy Suite": (1) Menuetto, Love Duet, (2) Tarantella, The Revel (German) (02538).
 Madrid Symphony Orchestra, "Dance of the Neighbours" (De Falla).
 6.42: Tacet.
 6.45: Venetian Players String Quintet, (a) "Romanza" (Mozart), (b) "Allegro" (Mozart), (Regal G20467).
 Pianoforte—Ignaz Friedman, "Romance in E Flat" (Rubinstein).
 Basle Symphony Orchestra, "Rosamunde Entr'acte No. 2" (Schubert).
 6.57: Tacet.
 7.0: News session.
 8.0: Chimes. Overture—State Opera Orchestra, Berlin, "German Dances" (Mozart, arr. Steinbach) (H.M.V. D1624).
 8.9: Soprano—Miss Mae Matheson, "The Wind" (Spross).
 8.13: Instrumental—4YA Trio, "Eleventh Trio" (Haydn).
 8.23: Recital—Miss N. Warren, "King of Denmark's Ride" (Norton).
 8.28: Presentation of song cycle by Harmonists' Quartet, "Pagoda of Flowers" (Woodforde-Finden).
 Soprano Miss Mae Matheson
 Contralto Miss M. S. Green
 Tenor Mr. H. A. Johnston
 Baritone Mr. S. Falconer
 9.0: Weather report.
 9.2: Orchestral—New Light Symphony Orchestra, "Spanish Dance No. 1" (Granados) (H.M.V. C1553).
 9.10: Baritone—Mr. S. Falconer, "Time to Go" (Marshall).
 9.13: Instrumental trio, "Second and Third Movements from Third Trio" (Beethoven).
 9.26: Recital—Miss N. Warren, "The Teashop of St. Omeat" (Anon.).
 9.31: Contralto—Miss M. S. Green, "Rest at Mid-Day" (Hamilton).
 9.34: 'Cello and piano—Messrs. P. J. Palmer and Max Scherek, "Second Movement from Sonata" (Grieg).
 9.40: Tenor—Mr. H. A. Johnston, "Summer Afternoon" (Coates).

- 9.43: Male quartet—Masters Lough and Hallett, Messrs. Dixon and Hastwell, "Nursery Rhymes" (Davies) (H.M.V. B2770).
 9.47: Instrumental—4YA Trio, (a) "Extase" (Ganne), (b) "Souvenir" (Morssly).
 9.56: Orchestral—Boston Symphony Orchestra, "Frühlingstimmen" (Strauss)
 10.0 : God save the King.

Saturday, August 23

1YA, AUCKLAND (900 KILOCYCLES)—SATURDAY, AUGUST 23.

- 2.45 (approx.): Relay of description of Rugby football match from Eden Park. Announcer, Mr. Gordon Hutter.
 4.30: Close down.
 5.0 : Children's session conducted by "Cinderella."
 6.0 : Dinner session—"Parlophone" Hour:
 Selection—Edith Lorand Orchestra, "The Vagabond King" (Friml).
 Waltz—Dajos Bela Orchestra, "The Swallows" (Strauss) (A4010).
 6.12: Tacet.
 6.15: Selection—Frank Westfield's Orchestra, "Chu Chin Chow" (Norton).
 Orchestral—Dajos Bela Orchestra, "O Sole Mio" (arr. Lindeman).
 Wurlitzer organ—Leslie Harvey, "Absent" (Metcalfe) (A2728).
 6.28: Tacet.
 6.30: Waltzes—Dajos Bela Orchestra, (a) "Oh, Spring, How Fair Thou Art," (b) "Songs d'Amour Apres le Ball" (Czibulka) (E10602).
 Instrumental—Dajos Bela Orchestra, "Humoresque" (Dvorak).
 6.42: Tacet.
 6.45: Dance orchestra—Dorsey Bros.' Orchestra, "Was it a Dream?"
 Wurlitzer organ—Leslie Harvey, "Until" (Sanderson) (A2728).
 Waltz—Dajos Bela Orchestra, "Faust" (Gounod) (A4010).
 6.55: Tacet.
 7.0 : News and market reports.
 8.0 : Chimes. Relay from the Auckland Town Hall of the Municipal Band Concert under the direction of Mr. Christopher Smith.
 10.0 : Programme of dance music—"H.M.V." Hour:
 Foxtrot—Victor Arden-Phil Ohman and Their Orchestra, "How am I to Know?" (Parker King) (EA700).
 Foxtrot—New Mayfair Dance Orchestra, "Mickey House" (Carlton).
 Foxtrot—Waring's Pennsylvanians, "Alma Mammy" (Marion-Whiting).
 Foxtrot—Jack Hylton and His Orchestra, "House on the Hilltop."
 Foxtrot—Leo Reisman's Orchestra, "At Close of Day" (EA687).
 10.15: Vocal—Mildred Hunt, "Sleepy Valley" (Sterling-Hanley) (EE184).
 Foxtrot—Bernie Cummins and His Hotel Orchestra, "When a Woman Loves a Man" (Rose-Rainger) (EA712).
 Foxtrot—Nat Shilkret's Orchestra, "Georgia Pines" (EA687).
 Waltz—Irving Aaronson and His Commanders, "The Land of Going-To-Be" (Goetz-Kollo) (EA678).
 10.27: Foxtrot—Arcadians Dance Orchestra, "If I Had My Way" (EE190).
 Foxtrot—Ted Weem's Orchestra, "Miss Wonderful" (EA768).
 Foxtrot—The Rhythmic Eight, "Welcome Home" (EE190).
 Vocal—Mildred Hunt, "S'posin'" (Razaf-Denniker) (EE184).
 10.39: Foxtrot—Leo Reisman's Orchestra, "Charming" (Grey-Stothart).
 Foxtrot—Henry Busse's Orchestra, "I Came to You" (EA700).
 Waltz—Leo Reisman's Orchestra, "Shepherd's Serenade" (EA688).
 10.48: Foxtrot—New Mayfair Dance Orchestra, "The Doll's House" (B5754).
 Foxtrot—Leo Reisman's Orchestra, "A Year from To-day" (EA685).
 Foxtrot—Jack Hylton's Orchestra, "Dreamy Honolulu" (EA679).
 Foxtrot—Bernie Cummins and His Hotel Orchestra, "Cooking Breakfast for the One I Love" (Rose-Tobias) (EA712).
 11.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SATURDAY, AUGUST 23.

- 3.0 : Chimes. Relay description of football match from Athletic Park.
 5.0 : Children's session
 6.0 : Dinner music session—"H.M.V." Hour:
 Waltz—International Concert Orchestra, "Over the Waves" (Zono.).
 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) (Zono.).
 6.29: Tacet.
 6.30: Waltz—International Concert Orchestra, "Danube Waves" (Ivanovici).
 Hawaiian—Hilo Hawaiian Orchestra, "Kawaihau Waltz."
 Orchestral—Paul Whiteman and His Concert Orchestra, "Caprice Futuristic" (Malneck) (C1607).
 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).
 6.50: Tacet.
 7.0 : News session, market reports and sports results.
 7.40: Lecturette—Professor D. C. H. Florence, Professor of Physics, Victoria University College, a W.E.A. lecturette, "Gold for the Making."

- 8.0 : Chimes. Overture—2YA Salon Orchestra (Conductor, Mr. M. T. Dixon), "A Musical Jig-Saw" (Aston).
 8.9 : Quartet—The Lyric, "In Silent Mead" (Emerson).
 8.13: Tenor—Mr. Chas. Williams, "The Gay Highway" (Drummond).
 8.17: Xylophone duo—Reno and Arta, (a) "Caliph de Baghdad" (Boieldieu), (b) "Lonesome Little Doll" (Bontelje).
 8.24: Popular songs at the piano—Mr. Billy Hart, (a) "With You" (Berlin), (b) "A Cottage for Sale" (Robison), (c) "The Latest Popular Hit."
 8.34: Selection—2YA Salon Orchestra, "Rhapsody Russe" (arr. Nussbaum).
 8.42: Sketch—Miss Lottie Rastall and Mr. W. G. Kitchener, "The Kipper."
 8.49: Soprano—Mrs. Eileen Miller, "Mighty Lak a Rose" (Nevin).
 8.53: Selection—2YA Salon Orchestra, "Request item."
 9.1 : Weather report and announcements.
 9.3 : Baritone—Mr. Will Goudie, "Stonecracker John" (Coates).
 9.7 : Quartet—The Lyric, "Mollie Darling" (Hays).
 9.11: Xylophone duo—Reno and Arta, (a) "Song Medley" (M.S.S.), (b) "Hungarian Dance No. 5" (Brahms).
 9.18: Tenor—Mr. W. Roy Hill, "Mifanvy" (Forster).
 9.22: Old-time dance number—Gil Dech's Syncopators, "The Jolly Miller."
 9.25: Sketch—Miss Lottie Rastall and Mr. W. G. Kitchener, "New Year's Eve" (Lindo).
 9.31: Selection—2YA Salon Orchestra, "Guy d'Hardelet's Songs" (arr. Higgs).
 9.39: Soprano—Mrs. Eileen Miller, "Bird Songs at Eventide" (Coates).
 9.43: Bass with quartet—Mr. W. Binet Brown, "The Old Superb" (Stanford).
 9.47: Novelty instrumental—Gil Dech's Syncopators, schottische, "Dance of the Honeybees" (Columbia 01877).
 9.50: Quartet—The Lyric, "Lucky Jim" (Parks).
 9.54: Dance numbers, 2YA Salon Orchestra, the latest dance novelties.
 10.4 : Dance programme—"H.M.V." Hour:
 Foxtrot—Waring's Pennsylvanians, "Won't You Tell Me How" (Lewis).
 Foxtrot—Rio Grande Band, "Dites Moi Ma Mere" (Yvain) (B5701).
 Foxtrot—Rudy Vallee and His Connecticut Yankees, "The Album of My Dreams" (Davis-Arluck) (EA629).
 Foxtrot—Rio Grande Band, "Valentine" (Christine) (B5701).
 10.12: Vocal—Maurice Elwin, "I've Never Seen a Smile Like Yours" (Johnson).
 Foxtrot—Irving Aaronson and His Commanders, "Outside" (Flynn).
 Foxtrot—George Olsen and His Music, "I'm in Seventh Heaven."
 Foxtrots—Rudy Vallee and His Connecticut Yankees:
 "Me Queres?" (Vallee) (EA620).
 "You Want Lovin'" (Osterman) (EA649).
 Waltz—Nat Shilkret and His Orchestra, "Let Me Have My Dreams."
 10.30: Humorous duet—Dora Maughan and Walter Fehl, "A Woman Who Knows" (Ruskin) (B3011).
 Foxtrot—George Olsen and His Music, "Little Pal" (De Sylva).
 Foxtrot—Jack Hylton and His Orchestra, "Everybody Loves You."
 Foxtrot—Rudy Vallee and His Connecticut Yankees, "Lonely Troubadour" (Klenner) (EA649).
 Foxtrot—Nat Shilkret and His Orchestra, "Am I Blue?" (Clarke, Akst).
 10.45: Vocal—Paul Oliver, "Evangeline" (Rose, Jolson) (Zonophone EE172).
 Foxtrot—Jack Hylton and His Orchestra, "Don't Hold Everything."
 Foxtrots—Rudy Vallee and His Connecticut Yankees:
 "Perhaps" (Razaf) (EA629).
 "On the Alamo" (Kahn) (EA620).
 Waltz—Jack Hylton's Orchestra, "Let Me Dream in Your Arms Again."
 11.0 : Sporting summary.
 11.10: God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SATURDAY, AUGUST 23.

- 3.0 : Afternoon Session, Gramophone Recital.
 4.25: Sports results.
 4.30: Close down.
 5.0 : Children's Hour, conducted by Aunt Pat and Uncle Charlie.
 6.0 : Dinner Session, "Columbia" Hour.
 Medley—H.M. Grenadier Guards Band, "Sir Harry Lauder Medley."
 Waltz—Symphony Orchestra, "Doctrinen" (Strauss) (02529).
 6.12: Tacet.
 6.13: Piano solo—Gil Dech, "Wedding of the Painted Doll" (Freed).
 Piano solo—Constance Mering, "So Dear" (Caesar) (01224).
 Eddie Thomas' Collegians, "Waltz Medley" (02904).
 Saxophone—Rudy Wiedoeft, "Minuet" (Beethoven) (01176).
 6.28: Tacet.
 6.30: Mandoline Band—Circolo Mandolinistico, "La Traviata" Prelude, Acts 1 and 4" (Verdi) (02566).
 Waltz—Symphony Orchestra, "When the Lemons Bloom" (Strauss).
 6.42: Tacet.
 6.45: Musical Art Quartet, "Mighty Lak a Rose" (Nevin) (01506).
 Saxophone—Rudy Wiedoeft, "Valse Mazanetta" (Wiedoeft) (01176).
 Piano solo—Gil Dech, "I Kiss Your Hand, Madame" (Erwin) (01549).
 Eddie Thomas' Collegians, "Beautiful Ohio" (Earl) (02904).
 6.57: Tacet.
 7.0 : News Session.
 7.30: Sports results.
 8.0 : Chimes.

MUSIC WEEK.

CHRISTCHURCH MUSICAL FESTIVAL.

Relay of Musical Programme from the Civic Theatre. Christchurch Harmonic Society will present the Concert Version—"Merrie England" (Edward German). Conductress—Madame Josephine Otlée. Soloists:—Jill, Miss Marjorie Nelson, Raleigh, Mr.

Douglas Suckling. Essex, Mr. J. L. Tennent. Queen Elizabeth, Miss Nancy Bowden. Bessie, Mrs. L. B. Salkeld. Long Tom, Mr. Cyril Jenkin. Tailor, Mr. G. V. Greer. Baker, Mr. A. Crouch. Tinker, Mr. Ralph Drayton. Butcher, Mr. C. L. Richards.

Weather forecast and station notices.

Hymn—Christchurch Municipal Band (Conductor Mr. J. Noble) "Come My Soul, Thy Suit Prepare" (Robt. A. Horne).

Tenor—Mr. W. H. Prescott, "The Sea Hath Its Pearls" (Clutsam).

Pianoforte—Miss Marjorie Alexander (Erioca Club) "The Blue Danube" (Strauss, transcribed by Schulz-Evler).

Soprano—Miss Millicent O'Grady, "Recit. Estrano" (Verdi) Aria. "Ah Fors E Lui" (from "Opera La Traviata").

Baritone—Mr. W. Toomey, "The Wanderer" (Schubert).

Pianoforte solo—Miss Edna Firth (Erioca Club) "Rigoletto Paraphrase" (Verdi-Liszt).

Mezzo-soprano—Miss Edna Donaldson, (a) "Nocturne" (Head). (b) "O Could I But Express In Song" (Malashkin).

Selection—Christchurch Municipal Band, "Classica" (Ewing).

Duet—Tenor and Baritone—Messrs. Harold Prescott and W. Toomey, "Flow Gentle Deva" (Parry).

Male Quartet—Beckenham Male Quartet, (a) "Little Feather" (Wilfred Shaw); (b) "The Rosary" (Nevin).

Pianoforte solo—Mr. Noel Newson, "Hungarian Rhapsody No. 6."

Duet—Mezzo-soprano and baritone—Miss Edna Donaldson and Mr. W. Toomey, "Kingfisher Blue" (from "Jhelum River").

Minuet—Band—"Ode to St. Cecilia's Song" (Handel).

March—Band, "B.B. and C.F." (Ord Hume).

Dance Session, "Brunswick."

10.0 : Foxtrot—Red Nicholls and His Five Pennies, "I May Be Wrong."

Fotrot—Bob Haring and His Orchestra, "How Am I To Know."

Foxtrot—Irvin Mills and His Hotsy Totsy Gang, "Can't We Get Together" (Razaf) (4432).

Foxtrot—Ben Bernie and His Hotel Roosevelt Orchestra, "Bottoms Up."

10.12: Vocal—Chester Gaylord, "Sing a Little Love Song."

Foxtrot—Colonial Club Orchestra, "When You're Counting the Stars Alone" (Russell-Rose) (4517).

Foxtrot—Ray Miller and His Orchestra, "Moonlight and Roses."

Foxtrot—Irving Mills and His Hotsy Totsy Gang, "Sweet Savannah Sue" (Razaf) (4482).

Waltz—Carter's Orchestra, "On Miami Shore" (Le Baron) (4471).

10.27: Male Duet—Billy Murray and Walter Scanlan, "The Whoopee Hat Brigade" (Siegel-Jaffe) (4513).

Foxtrot—Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "If I Had a Talking Picture of You" (de Sylva) (4501).

Foxtrot—Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "Doin' the Boom Boom" (Gottler) (4502).

Foxtrot—Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "Sunnyside Up" (de Sylva) (4501).

Foxtrot—Dan Russo and His Oriole Orchestra, "Because You Said 'I Love You'" (Sanders) (4502).

Waltz—Carter's Orchestra, "A Little Love, a Little Kiss" (Rose).

10.45: Male duet—Billy Murray and Walter Scanlan, "Last Night Honey."

Foxtrot—Red Nicholls and His Five Pennies, "The New Yorkers."

Foxtrot—Colonial Club Orchestra, "The Boomerang" (Rose) (4517).

Foxtrot—Ben Bernie and His Hotel Roosevelt Orchestra, "Bigger and Better Than Ever" (Friend) (4516).

Waltz—Roy Fox and His Montmartre Orchestra, "I've Waited a Lifetime For You" (Goodwin) (4495).

11.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, AUGUST 23.

1.30: Running description of football matches at Carisbrook.

4.25: Sporting results.

4.30: Close down.

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

6.0 : Dinner music—"H.M.V." Hour.

Light orchestral—Marek Weber and Orchestra, "Lehariana" (Geiger).

'Cello—Cedric Sharpe, "Air" (Pergolesi) (B3040).

Band—Coldstream Guards, "Wedding of the Rose" (Jessel) (B3046).

6.14: Tacet.

6.15: Orchestral—Vienna Philharmonic Orchestra, "Morning, Noon and Night in Vienna" (Suppe) (C1667).

Light orchestral—New Mayfair Orchestra, "Five O'Clock Girl" (Ruby).

6.27: Tacet.

6.30: Orchestral—New Mayfair Orchestra, "Love Lies" (de Sylva) (C1658).

'Cello—Cedric Sharpe, "Twilight" (Friml) (B3040).

Organ—Herbert Dawson, "Evensong" (Easthope Martin) (B2263).

Band—H.M. Coldstream Guards, "Hobomoko Intermezzo" (Reeves).

6.44: Tacet.

6.45: Trio—De Groot (violin), A. Gabilano (piano), J. Pacey ('cello), "O Sole Mio" (Di Capua) (B2588).

Organ—Herbert Dawson, "Idylle" (Edward Elgar) (B2263).

Orchestral—Berlin State Opera Orchestra, "German Dances" (Mozart).

6.57: Tacet.

7.0 : News session.

8.0 : Relay of "Music Week" programme from 3YA, Christchurch, featuring the Christchurch Harmonic Society, Christchurch Municipal Band, and assisting artists.

Dance session—"Columbia" Hour.

Foxtrot—Jack Payne and the B.B.C. Dance Orchestra, "Get Up Nice and Early" (Sarony) (01765).

Foxtrot—Stellar Dance Band, "The Toymaker's Dream" (Golden).

Foxtrot—Hal Swain and His Band, "Am I Blue?" (Clarke and Akst).

Foxtrot—Stellar Dance Band, "I'm Thirsty for Kisses, Hungry for Love" (Davis-Coots) (G20603).

10.12: Vocal—Buddy Morgan and His Veterans, "Don't Get Collegiate."

Foxtrot—Ray Starita and His Ambassadors, "That's What I Call Heaven" (Wimbrow) (01761).

Foxtrot—Ipana Troubadours, "Steppin' Along" (Kernell) (01722).

Foxtrot—Ipana Troubadours, "There's Too Many Eyes That Wanna Make Eyes at Two Pretty Eyes I Love" (Davis) (01761).

Waltz—Stellar Dance Band, "Sleepy Valley" (Hanley).

Waltz—Hal Swain and His Band, "Let Me Have My Dreams."

Vocal—Pete Woolery, "Beautiful" (Stern) (Regal G20622).

Foxtrot—Stellar Dance Band, "Lonesome Little Doll" (Cowan).

Foxtrot—Paul Whiteman and His Orchestra, "At Twilight" (Tracy).

Foxtrot—Jack Payne and the B.B.C. Dance Orchestra, "Wake Up and Dream" (Cole Porter) (01762).

Foxtrot—Ipana Troubadours, "Too Wonderful for Words" (Stamper).

Vocal—Buddy Morgan and His Veterans, "Sergeant Flagg and Sergeant Quirt" (Klein) (01782).

Foxtrot—Jack Payne and the B.B.C. Dance Orchestra, "Wake Up and Dream—Looking at You" (Cole Porter) (01762).

Foxtrot—Paul Whiteman and His Orchestra, "When Your Counting the Stars Alone" (Rose) (07029).

Foxtrot—Paul Whiteman and His Orchestra, "Let's Do It" (Porter).

Waltz—Paul Whiteman and His Orchestra, "Love Us" (Morse).

11.0 : God save the King.

Sunday, August 24

1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, AUGUST 24.

3.0 : Afternoon session—Selected studio items, including literary selection by the Announcer.

4.30: Close down.

6.0 : Children's session, conducted by Uncle Bert.

6.55: Relay of Divine Service from Baptist Tabernacle. Preacher, Rev. Joseph Kemp. Organist, Mr. A. E. Wilson.

8.30: (approx.) Orchestral—Madrid Symphony Orchestra, "Noche de Arabia" (Arabian Nights) (Arbos) (Columbia 02923).

Soprano—Miss Myra Monk, "My Dearest Heart" (Sullivan).

Instrumental trio—The Studio Trio, "Extract from Second Symphony."

Tenor—Mr. Tom Moffitt, (a) "Maire, My Girl" (Aitken); (b) "Some-times in Summer" (Bennett).

Piano—Mr. Eric Waters, "Adagio from Sonata D Major" (Beethoven).

Orchestral—New Queen's Hall Orchestra, "Slavonic Dance in G Minor."

Soprano—Miss Myra Monk, (a) "Sing, Sweet Bird" (Ganz); (b) "Night and Dawn" (Liddle).

Instrumental trio—The Studio Trio, "Reve Angelique" (Rubenstein).

Tenor—Mr. Tom Moffitt, "O Lovely Night" (Landon-Ronald).

Piano—Mr. Eric Waters, "Impromptu G Flat Major" (Chopin).

Male choir—Don Cossacks, "Vetshernij Svon" (Evening Bells).

Instrumental trio—The Studio Trio, (a) "Serenade" (Haydn); (b) "Cradle Song" (Schubert).

Orchestral—B.B.C. Wireless Symphony Orchestra, "La Bontique Fantastique" (Respighi—arrgd. Coward).

9.30: (approx.) God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, AUGUST 24.

3.0 to 4.30: Afternoon Session of selected gramophone records.

7.0 : Relay of Evening Service of St. Paul's Pro-Cathedral, Muirgrave Street, Wellington. Preacher: Canon Percival James. Organist and Choirmaster: Mr. Robert Parker.

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, AUGUST 24.

3.0 : Afternoon Session Gramophone Recital.

4.30: Close down.

5.30: Children's Song Service from Children of Presbyterian Sunday Schools, conducted by Rev. McNuer.

6.15: Musical interlude from studio.

6.30: Relay of Evening Service from St. Paul's Presbyterian Church, Cashel Street. Preacher: Rev. W. Bower Black. Organist: Mr. Norman Williams. Choirmaster: Mr. H. Blakeley

From Studio:

7.45: 'Cello—Mr. Harold Beck, "Adagio Pastorale" (Handel).

Instrumental—Trio, Christchurch Broadcasting Trio, "From Trio in D Minor Allegro Moderato" (Arensky).

8.15 approx.: Relay of Charity Concert from the Theatre Royal, Timaru, by Timaru Cadet Military Band (Conductor G. A. Booth).

March—Band, "Stars and Stripes" (Souza).

Selection—Band, "Tolantie."

Festal March—Band, "Cornelius."

Programme Features

(Continued from page 11.)

Mr. E. Rogers (tenor), with chorus by the Male Voice Choir. Solos will also be given by Miss Dulcie Mitchell and Mr. Fred C. Penfold. The soprano voices of the Cathedral Choristers will be heard in the seventeenth century Winchester College song, "Dulce Domum," and in Harwood's "Running On."

The Christchurch Orchestral Society (conductor, Professor Oddone Savini) and the Christchurch String Quartet (Miss Gladys Vincent, Mr. Arthur Gordon, Professor Oddone Savini and Mr. Francis Bate) will contribute to the instrumental side of the musical programme. Mr. Gordon will play as a violin solo Sarasate's "Spanish Dance," and organ solos will be played by Mr. Arthur Lilly.

Silent Day at 4YA.

FRIDAY

From 1YA.

AT 7.40 p.m. Mr. J. F. Montague will continue his talks on "Maori Pronunciation and Place Names."

Another special programme has been arranged for this evening. The 1YA Orchestral Octet, under the direction of Mr. Eric Waters, will play the "Rosamunde Overture" by Schubert, two numbers by Rachmaninoff, "The Dances from 'Tom Jones'" (by Edward German), and "Norwegian Rhapsody" (by Svendsen). The vocalists for the evening will be Madame Mary Towsey, Mrs. E. M. Keven, and Mr. John Bree. It will be noticed on this programme that the composers are drawn from various countries—England, Russia, Scotland, Germany and Norway. The programme will conclude with a special lecture-recital by Mr. Karl Atkinson, entitled "The Musical Renaissance."

Wellington Topics.

AT 7.40, Mr. Barry Coney, of Auckland, one of the finest baritones and best-known musicians in New Zealand, will talk on "The Foundation of Good Voice Production." Mr. Barry Coney is at present in Wellington acting as a judge at the competitions.

A night of light opera will be provided. Vocal solos will include "The Vagabond King," "Barber of Seville," "Cingalee," "Peer Gynt," "Bohemian Girl," "Rebel Maid" and "Geisha." The soloists will be Mlle. A. Pola Schea (soprano), Miss Ngaire Coster (contralto), Mr. Harry Dunn (tenor) and Mr. Ernest Short (baritone). A piano-forte solo will be rendered by Miss Gladys Morgan and a programme of music by the orchestra, under Signor A. P. Truda.

Christchurch Features.

PLAYING Beethoven's "Kreutzer Sonata," Miss Aileen Warren (piano) and Professor Zimmerman (violin) will open the fifth concert of Christchurch's Music Week. Other instrumental numbers on this programme

will be organ solos by Dr. C. Edgar Ford, examiner for Trinity College, London, now visiting New Zealand, a pianoforte solo by Mr. Alfred Bunz, and a grand fantasia by Derry's Military Band. As an interlude, from the studio, the instrumental octet will play the "Blue Danube Waltz." The vocal side of the programme will be provided by Madame Gower Burns (two soprano solos), trios by Misses Sylvia Angus, Delcia Philpott and Kathleen Bon, and by Miss Millicent Jennings, who will sing songs at the piano.

"Pagoda of Flowers."

At 4YA.

"THE Pagoda of Flowers," which is perhaps one of the finest song cycles written, will be the big classical item. The Harmonists Quartet will present this work, and their interpretation is certain to be of exceptional merit. The cycle has its setting in India, and the descriptiveness of the pagoda beauty is presented by the composer in brilliant style. The chorus of the priests at the commencement, and again at the close, or coda, of the cycle, is a particularly fine effort.

SATURDAY

Municipal Band

Programme at Auckland.

IN conjunction with Auckland Music Week festivities, the municipal authorities are arranging a special programme for this evening, when a concert will be given by the Municipal Band, under the direction of Mr. Christopher Smith. It is unfortunate that greater appreciation of the city council's activities is not given by the Auckland public, for without doubt the Municipal Choir, under the direction of Mr. Maughan Barnett, and the Municipal Band, under the conductorship of Mr. Christopher Smith, are as fine combinations as any in Australasia.

2YA Notes.

PROFESSOR D. C. H. Florence, Professor of Physics, Victoria University College, lecture from 2YA at 7.40 on "Gold for the Making."—A W.E.A. lecture.

The week-end programme will be varied. The Lyric Four will sing the quartettes: "In Silent Mead," "Mollie Darling" and "Lucky Jim." The soloists will be: Mr. Roy Hill, Mr. Chas. Williams, Mr. Will Goudie and Mr. W. Binet Brown. Among their songs will be "Mifanvy," "The Gay Highway," "Stonecracker John," and "The Old Superb." Mr. Billy Hart will contribute songs at the piano. Mrs. Eileen Miller (soprano) will sing "Mighty Like a Rose" and "Bird Songs at Eventide." Sketches will be acted by Miss Lottie Rastall and Mr. W. G. Kitchener. The Xylophone Duo, Reno and Arta, will also be contributing. A bright instrumental programme will be presented by the 2YA Salon Orchestra.

Merrie England.

From Christchurch.

THE first half of the Music Week programme in Christchurch, to be

Australian Programmes

Times Corrected for New Zealand.

Thursday, August 14.

STATION 2FC.—9.30 p.m., 10.5 p.m., 10.54 p.m. and 11.26 p.m.: The Sydney Male Choir present selected numbers. 9.37 p.m. and 10.42 p.m.: Albert Engel, pianist, in classical selections. 9.44 p.m. and 10.35 p.m.: Constance Burt, soprano, 9.51 p.m. and 10.47 p.m.: Arthur Greenaway, elocutionist. 9.58 p.m.: The A.B.C. String Quartet present First Movement from "Sunrise Quartet" (Haydn). 10.15 p.m. and 11.1 p.m.: The Four Harmony Girls in popular numbers. 10.25 p.m. and 11.36 p.m.: The A.B.C. Orchestra.

2BL.—9.30 p.m.: This evening will be broadcast R. C. Sheriff's great war drama, "Journey's End." When first presented over the air in England, this play created a furore among listeners, and hundreds of letters of appreciation were showered upon all concerned in its production.

3LO.—10 p.m.: Dance music by Clarrie Collins and his Orchestra, interspersed with variety items.

3AR.—9.30 p.m.: Transmission from the Melbourne Town Hall of a concert in aid of the funds of the Mission of St. James and St. John.

Friday, August 15.

STATION 2FC.—9.30 p.m. and 10.3 p.m.: Madame Joy McArden, a famous Continental soprano, in her first broadcast appearance in Sydney. 9.37 p.m. and 10.40 p.m.: The A.B.C. Orchestra present selected numbers. 9.44 p.m. and 10.22 p.m.: The Mellow Fellows will entertain. 9.51 p.m. and 10.34 p.m.: Ethel Lang, in songs at the piano. 9.58 p.m.: The A.B.C. String Quartet present "Adagio," from "The Emperor String Quartet" (Haydn). 10.10 p.m.: Jack Gregory will give his impressions of Australia's prospects in the fifth test match against England. 10.45 p.m.: Relay from 3LO, Melbourne, of programme of band music and popular items.

2BL.—9.30 p.m., 9.50 p.m. and 10.17 p.m.: Lillian Frost, organist. 9.43 p.m. and 10.32 p.m.: Fred Webber, entertainer. 10 p.m. and 10.39 p.m.: Two radio sketches, (a) "By Telephone," (b) "Just for Two." 10.10 p.m. and 11.28 p.m.: The Noreen Duo, instrumentalists. 10.50 p.m.: The A.B.C. String Quartet present "Quartet, Op. 11" (Tchaikowsky).

3LO.—9.15 p.m.: "Wrestling and Wrestlers," a talk by Mr. C. H. J. Williams. 9.30 p.m. and at intervals throughout the evening, the Collingwood Citizens' Band will present selections. 10 p.m.: A short song recital by A. C. Bartleman, assisted by the studio orchestra. 10.55 p.m. and 11.20 p.m.: "The Original We Four" male quartet.

3AR.—9.45 p.m.: Community singing from the Ballarat Town Hall.

Saturday, July 16.

STATION 2FC.—9.30 p.m.: A programme of mirth and melody by the 2FC Follies. Commencing at 10 p.m., and at half-hour intervals following: The scores in the fifth cricket test will be given through 2FC and 2BL, and relayed to 4QG, Brisbane. 11.47 p.m., 12.5 a.m. and 12.35 a.m.: Dance music from the ballroom of the Oriental.

2BL.—9.30 p.m. and 11.37 p.m.: Harry Bennett, tenor. 9.37 p.m. and 11.23 p.m.: Wendling and Molly, novelty instrumentalists. 9.44 p.m. and 11.13 p.m.: Alf. Lawrence and Nell Crawe, entertainers. 9.51 p.m.: Carlton Fay, novelty pianist. 10 p.m.: Description of boxing contest at the Sydney Stadium. 11.35 p.m. and at intervals until 1.30 a.m.: The A.B.C. Dance Band.

3LO.—9.30 p.m., 9.54 p.m., 10.20 p.m. and 11.43 p.m.: The studio orchestra present varied selections. 9.47 p.m. and 11.35 p.m.: Nora O'Malley, pianist. 10.13 p.m. and 11.53 p.m.: Jean Hambleton, contralto. From 10 p.m. onward: Progress scores of the fifth test cricket match will be given every half-hour.

3AR.—9.30 p.m.: Band, instrumental, and vocal renditions of popular classics. 10.12 p.m.: "The Last Shot," a dramatic sketch with a comedy finale. 10.42 p.m. and 11.46 p.m.: "Rag an' Muffin," entertainers. 10.49 p.m. and 11.40 p.m.: Peter Bernar, in melo-piano solos. 11.1 p.m.: Euphonium solo by J. Holmes. 11.22 p.m.: Dibbs and Bibbs in a comedy interlude.

broadcast by 3YA, will consist of the presentation of the concert version of Sir Edward German's "Merrie England," by the Christchurch Harmonic Society.

Madame Ottlee will be the conductor and the soloists will be: Miss Marjorie Nelson, Mr. Douglas Suckling, Mr. J. L. Tennent, Miss Nancy Bowden, Mrs. L. B. Salkeld, Mr. Cyril Jenkin, Mr. G. V. Greer, Mr. A. Couch, Mr. Ralph Drayton and Mr. C. L. Richards. To the second half of the programme the following will contribute: Christchurch Municipal Band, Miss Millicent O'Grady (soprano), Miss Edna Donaldson (mezzo-soprano), Miss Marjorie Alexander (pianiste), Miss Edna Firth (pianiste), Mr. Noel New-

son (pianist), Mr. Harold Prescott (tenor), Mr. W. Toomey (baritone) and the Beckenham Quartette (Messrs. E. R. Pitman, James Shaw, K. G. Archer and F. S. Jackson).

3YA's programme will be relayed to 4YA.

SPEAKING from Cambridge recently, Sir Ernest Rutherford, the eminent scientist, addressed a banquet of the Canadian Royal Society in Montreal. The speech was conveyed to the Marconi beam station at Bodmin, whence it was transmitted to the Canadian Marconi Company's station at Yama-chiche, Quebec, and thus relayed to the banqueting hall.

Hymn—Band, "Abide With Me."

Assisting Artists:—Messdames W. I. Tait, N. O. Mangos, F. M. Drewitt, Miss L. Greig, Messrs. R. Holdgate, H. Holdgate, N. Osborne, G. Andrews.

God save the King.

Log For Week.

Sunday, August 3.

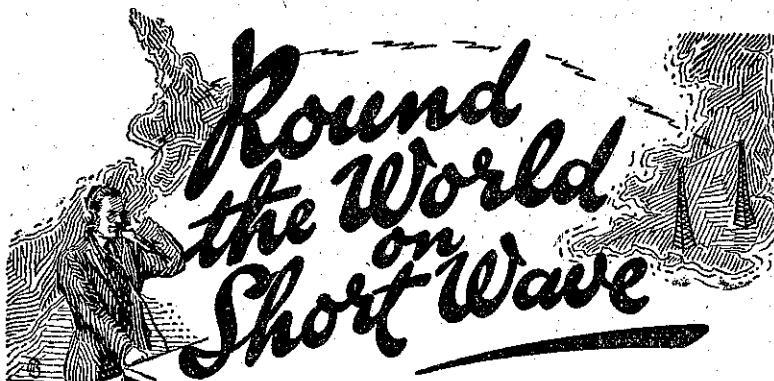
ZEESEN, at 8 a.m., was R7, with a play. **3RO** was only R2-3 at 8.15 a.m., being inaudible soon after.

A station, which was probably **XDA**, Mexico, on 32 metres, was tuned in at 1.30 p.m. at R3. As soon as volume improved it was found to be a foreigner. During talks and announcements the only words I could make anything of were, "National Electricque." They were up to R8 by 3 p.m., and off the air at 3.20 p.m., when tried for again. The music consisted of the usual items heard from American stations at this time—dance music, etc.

W3XAL were quite good till 4.35 p.m., when they signed off. **W9XAA** and **W9XF** were not so strong. Station **WENR**, the programme of which **W9XF** broadcast, came in far better on 344.6 metres, being good speaker strength, signing off at 6.35 p.m. "till 10.15 this morning." **WGY**, on its broadcast wavelength, was also quite good till 2YA started at 6 p.m. **2ME** were on 37.6 metres at 5 p.m., being R9.

On about 33.4 metres at 4.40 p.m., an American was reading or talking, concluding at 4.45 p.m. with "God be with you tell we meet again." R8.

K1XR was very gushy at 9.45 p.m., R5. Radio Saigon commenced at 10 p.m. with an orchestral item at R8-9, being excellent quality, very clear and steady. Not any announcements were heard till 10.15 p.m., when I closed down.



THIS page is conducted in the interests of shortwave enthusiasts. A weekly log comprising notes of reception and interesting topical events is contributed by Mr. F. W. Sellens, Northland, Wellington, but all listeners are invited to send in paragraphs of general interest.

Stations Heard During Week Ending August 9.

3RO, Rome, 80 metres: Each morning.
RV15, Siberia, 70 metres: Wednesday, Thursday, Friday, and Saturday.
 ? ? 50.5 metres: Monday.
W9XF, Chicago, 49.83 metres: Sunday and Saturday.
 ? ? 49.8 metres: Mon. Tues., Wed., Thurs., and Fri.
 ? ? 49.6 metres: Wednesday.
W9XAA, Chicago, 49.34 metres: Sunday.
W3XAL, New Jersey, 49.18 metres: Sunday and Saturday.
Radio Saigon, Indo China, 49 metres: Sunday, Tuesday and Thursday.
VK2ME, Sydney, 37.6 metres: Sunday.
 ? ? 33.4 metres: Sunday.
XDA(?), Mexico, 32 metres: Sunday.
ZEESSEN, Germany, 31.38 metres: Sun., Tues., Wed., Thurs., and Fri.
K1XR, Manila, 26.3 metres: Sunday, Tuesday and Wednesday.
PCJ, Holland, 31.28 metres: Friday and Saturday.
VK2ME, Sydney, 28.5 metres: Tuesday and Wednesday.
GBP, Rugby, 27.7 metres: Tuesday and Wednesday.
G5SW, Chelmsford, 25.53 metres: Wed., Thurs., Fri., and Saturday.

Monday, August 4.

DID not listen in till 10 p.m. On about 49.8 metres, at 10 p.m., music and talk was heard at R8. A very strong ripple made readability very poor.

Distorted music was heard on about 50.5 metres at R5.

Tuesday, August 5.

AT 6 a.m. **3RO**, Rome was tuned in, when only a strong carrier was heard. Nothing else was heard, except the carrier wave, till nearly 7 a.m., when a lady was talking at R8, very clear and steady.

Strength was down to R6 at 7.30 a.m. Zeesen was R5 at 6.15 a.m., increasing to R7 at 7.30 a.m. **2ME** and **GBP** were R7 and R6 respectively at 7.30 a.m. **K1XR** was R7 at 10 p.m.

Radio Saigon commenced just before 10 p.m., when they were R8-9, increasing to R9 by 10.15 p.m. Music and talk was again heard on about 49.8 metres. Volume was good, but modulation bad.

Wednesday, August 6.

STATION **5SW** was R6 at 7.30 a.m., too gushy to be readable. **3RO** was excellent, with orchestral music at 7.30 a.m. "Radio Roma" and talk followed. Volume R8.

Zeesen was very gushy at R8. **GBX** and **2ME** were R7 and R9. **K1XR** were R8 at 8 p.m. with recorded music. Volume was about the same at 9.30 p.m.

The 49.8 metre station was heard again at R5. On about 49.6 metres, a station was tuned in just before 10 p.m. at R3 with talk and music. At 10.10 p.m. the Dutch National Anthem was played by an orchestra, and the station went off the air without any announcement. **RV15** was back again to-night after being silent for several weeks.

Thursday, August 7.

AT 6.40 a.m. **3RO** was excellent, except for slight static, at R8-9.

Zeesen was just audible at 6.45 a.m. There was not any sign of **5SW** at this time. The Chelmsford station was R3 at 7.30 a.m. **RV15** was R8 at 9.15 with talk. Music was heard later at R9.

The 49.8 metre station started at 9.30 p.m. with what appeared a children's session. Children were singing and a lady spoke as though she was addressing young people. She afterwards sang. Strength was R6, but not clear enough to be readable. Radio Saigon was very weak at 10.15 p.m.

Friday, August 8.

AT 6.30 a.m. the air was silent except for a strong carrier from **3RO**, which was R7 at 7.30 a.m. with talk. **5SW** and Zeesen were both R4 at 7.30 a.m., and **PCJ** was R3. The quality of each was very poor.

RV15 at 10 p.m. was very good at R8-9. The 49.8 metre station was only R3 at 10.15 p.m.

Saturday, August 9.

STATION **PCJ** at 7.30 a.m. was mushy at R8. They signed off at 7.40 a.m. till midnight, G.M.T. Nothing was heard of **PCJ** during the afternoon. Zeesen was not heard this morning.

3RO at 7.45 a.m. was clear and steady at R5. **5SW** were quite good at 7.55 a.m., R7-8.

The Test match was more interesting than the short-waves during the afternoon. **W3XAL** and **W9XF** at 4.30 p.m. were R3. **RV15** at 10 p.m. was excellent at R9.

Short Wave Notes.

Transmission from Mexico City.

INFORMATION has been received that the short wave station **XDA**, of Mexico City, now gives transmission of agency

news on the following wavelengths, and at the times mentioned:

At 3.30 a.m. on 16 metres, from a 20 k.w. transmitter, directional aerial towards Europe. In English. At 8.30 a.m., on 32 metres, from a 20 k.w. transmitter; Aerial directional toward Europe. In Spanish. At 11.30 a.m., on 44 metres, from a 3 k.w. transmitter, Universal aerial. In English or Spanish. The above times are New Zealand standard.)

KDKA, Pittsburg, U.S.A.

THE KDKA transmissions are now broadcast daily on three different wavelengths, according to the following schedule (N.Z. time): 12.30 a.m. to 4.30 a.m., 19.7 metres, 4.30 to 9.30 a.m., 25.4 metres, and from 9.30 a.m. to 4.30 p.m. on 48.8 metres.

Radio Saigon on 49 Metres.

THE 49-metre stranger has now been definitely identified as Radio Saigon, Indo-China.

Mr. H. R. Hughes (Auckland) and Mr. R. T. Stanton (Christchurch) have both heard this call: "Allo! Allo! Ici Radio, Saigon," in French, also in English.

Stranger on about 49.8 Metres.

MR. H. R. HUGHES reports a station on about the same frequency as **W9XF**, heard almost every night for the past six months. They fade in with music just before 11 p.m. At 11.8 p.m. a clock chimes, and strikes seven. This has been followed by the Dutch National Anthem. Music is always of a high standard.

Another station on about 56 metres has often been heard by the same correspondent, starting about the same time or a little earlier.

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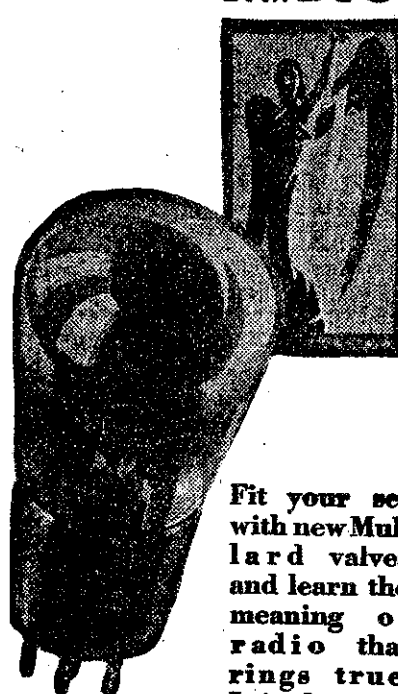
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Mullard
 THE MASTER VALVE

Our Mail Bag

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.

A Boxing Enthusiast's Views.

A BOXING enthusiast at Waitara, under the nom-de-plume of "Fed Up," complains bitterly that the Radio Broadcasting Company did not relay the Sarron-Leckie fight from Palmerston North on a recent evening. He considers that such an event would have been more interesting than the concert that was broadcast. He considers the Radio Broadcasting Company should pay sufficiently to the boxing associations to secure relays of this character. Instead of that, he complains that listeners do not receive enough variety and they get rather bored with the same old concerts for 360 of the 365 days each year!

Whose Fault?

A WELLINGTON correspondent, who uses a trade name, which is not allowable, writes complaining that on a recent Saturday evening he invited friends to his home in the hope of hearing a vaudeville entertainment, in accordance with the general schedule of Saturday night broadcasts. Instead of that, they heard the relay of the Harmonic Society's concert in the Town Hall. This did not interest his friends, so that his radio evening was a "wash-out." While sympathising with our correspondent, we would point out that the relay of the Harmonic Society's concert was duly incorporated in the programmes which are published in the "Radio Record" a week in advance, in order that radio enthusiasts may arrange their evenings to best advantage. If this correspondent had watched the programmes his friends would not have been disappointed.

Maori Concerts.

THE Whanganui Maori Troupe broadcast by 2YA was a veritable feast. The perfection and beautiful phrasing of the picturesque chants, hakas, poi dances, and old-time Maori songs, were faultlessly interpreted, and no doubt will live in the memories of those who appreciate the Maori and his world of learning. "Piko nei te matenga" (lament for the dead), and "Tama nga kau marie," two of the most famous of our Maori church hymns, were sung as they should be sung.

We listened-in from a six-valve set surrounded by high mountains, and in basin nearly two thousand feet above sea level, about one hundred miles in a direct line with 2YA. Reception was clear, and it was a pleasure to listen-in to one of the best Maori concerts ever put on the air.

Our appreciations and thanks go out to the wonderful combination and organising ability of all those who helped to make the Whanganui Maori concerts a success, and a pleasure to students and others who study the contrasts of the ancient and modern worlds of the Maori race.

The concerts were a joy to listen to. Kia ora tonu koutou ~ Whanganui. Greetings to you all, Whanganui.

The lament to the memory of the kind-hearted and generous Sir Maui Pomare will be highly-appreciated by all those who knew his works and finer nature. In conclusion, I close with the motto of his old school (St. Stephen's), "Constant in Caelum".—Rore John Josephs, Maniapoto Tribe (Te Kuiti).

[We have received many other letters of appreciation, but space forbids their publication.—Ed.]

News Sessions and Lectures.

I AM sorry I have a reasonable and justifiable complaint to make re 1YA news announcements. For some time past at 7 o'clock the announcer will state Mr. So-and-So will now give a book review, or Mr. So-and-So will talk on something else. On Thursday last week I had an appointment for 7 o'clock, but I remained at home to hear the news (as we do not get any papers between Tuesday and Saturday). Seven o'clock chimed, and Mr. So-and-So was announced to give a book review. Why can not the programme be adhered to, and the news given at 7 o'clock; after that allow Messrs. So-and-So talk away to their hearts' content till 8 o'clock.—T.W.

Hawaiki Calling.

WE would be glad if you will permit us through the columns of the "Record" to thank the many friends whose messages of appreciation reached the Wanganui Maori party during its stay in Wellington on the occasion of the broadcast of "Hawaiki Calling," and the public performances in the Town Hall. Messages still continue to arrive, and, much as we would like to do so, it is impossible to send forward individual acknowledgements. Will these kind people take the will for the deed?

It is a source of much satisfaction that our party has given so much scope for affording pleasure and instruction per medium of 2YA these three years past. We feel it has been well worth while, as in the entertainment there has been provided some basis for studying New Zealand history and par-

ticularly as it concerns the welfare of the Maori race.

Meanwhile we express our deep thanks to the Broadcasting Company for the opportunity it has given the party of visiting Wellington on three occasions, and for the very kind treatment received at all times from the general manager, head office staff, and particularly the resident staff of 2YA.

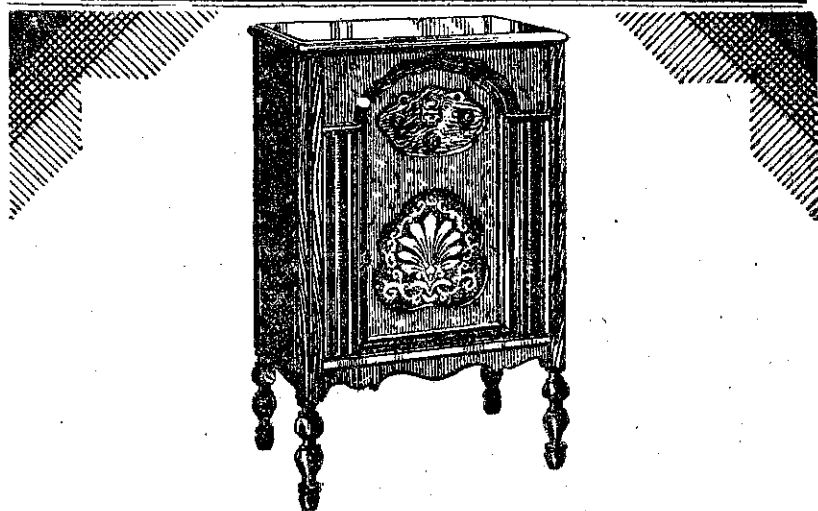
These visits have provided chapters in the history of the Wanganui area of the west coast Maori district which time will not obliterate. In every respect it has been a wonderful experience. Everybody, no matter what side of the "mike," has been a "real good friend." So we close chapter III: it may be another will open some day.

Unjustifiable Practice

THE majority of broadcast stations are not exempt from the reception of letters from individuals who append a mythical name and address to their letters. The trick sometimes is revealed when courteous replies are mailed to these correspondents, and are later returned by the post with the endorsement, "Not known at this address" or "addressed wrongly."

Meanwhile, good-bye, Radioland. Kia ora.

H. METEKLINGI, Manager.
R. M. RITCHIE, Organiser.



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A Reader's Experience

FROM experiment I have found that the screen grid valve is the most efficient valve for the radio frequency stages of the Browning Drake.

The two advantages I find it possesses are: (a) greatest amplification; (b) no necessity for neutralisation.

I gather that the great objection to the screen grid valve is its high impedance—usually about 200,000 ohms, whereas the normal impedance of a slot wound Browning Drake primary is about 15,000 ohms. At such a discrepancy as this the screen grid valve would undoubtedly be unsatisfactory. The solution of the problem is not, however, to be found in discarding the valve, but in adjusting the primary.

For experimental purposes I had a regenerative wound with a split primary, having an average impedance of approximately 50,000 ohms. I then tried various valves in front of it, viz., 609, 201A, 630, 635, 200a, PM6D, and screen grid. The screen grid proved to be the best, being fully 20 per cent. better than the 635, which was the best of the rest. The screen grid was, of course, connected across the whole primary. I used no shielding at this stage, and there did not appear to be any trouble. Selectivity was quite as good as with any of the other valves, and better than with the 609 and 630.

I next decided to add a further stage of radio frequency, and for this purpose I had a radio frequency transformer wound with split primary as before. This radio frequency transformer I shielded with a copper can. Again I found the best valve to be the screen grid. Selectivity with the two stages is just rather too sharp for long-distance work—in fact, the set is quite as sharp as a short-wave set.

As a result of the experiments I am satisfied that the screen grid valve can be made eminently suitable for the Browning Drake circuit, provided the primaries are wound to a maximum impedance. It is not to be expected that the full amplification factor of the valve will be obtained, but it is a simple matter to obtain a factor considerably in excess of that of any three electrode valve.

I propose to experiment with a slot wound primary, having the same number of turns as the secondary.

Another matter of interest is that I am still using the standard grid leak to filament negative, and it is going so well that I have not bothered to try a positive return. I am also trying the result of applying reaction to the screen grid valve by putting a condenser between plate and grid. Indications are to the effect that such an arrangement will be advantageous, but I have not yet completed the experiments.

BEFORE continuing some further screen grid experiments, I am wanting some more information on impedance, and perhaps your technical editor could give me some advice on the following points:—

(a) If a primary coil at a certain frequency has an impedance of 50,000 ohms what would be the effect on impedance of applying parallel feed to this primary? Condenser .5 and efficient choke.

(b) Will the application of reaction either increase the impedance in the plate circuit or decrease the internal impedance of the valve.

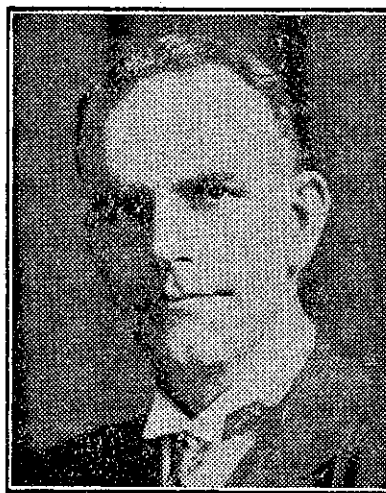
(c) Why is the grid leak recommended to be connected for filament positive in the screen grid circuit.

(d) What is the maximum number of turns possible in a slot wound primary? Is there a maximum? What would be the effect of increasing the primary turns beyond the number of the secondary and why should it have that effect?—"Diogenes" (Cromwell).

IT will be noted that when a large number of turns are used as a primary the amplification on the

higher frequencies is reduced for the portion of the coil in which currents are in quadrature is appreciable, and hence the voltage at the grid of the following valve is reduced. After a given number of turns there is no increase in the amplification. Past this further selectivity is impaired. It is generally conceded that this number should not exceed 20 on a three-inch coil.

Re the application of reaction to the s.g. valve through a condenser between the plate and the grid. The same pur-



MR. F. E. SUTHERLAND,
who controlled the fourth Test last
Saturday.

—Andrew, photo.

pose would be served if a 0-100,000 ohm resistance is placed in the screen circuit. This arrangement would probably be better. Concerning the queries when a circuit consists of two or more branches in parallel, as in this case, the total amount of energy in the circuit cannot be obtained by calculating the branch currents and adding them because of the difference in phase of the various branch currents. The situation is further involved because of the possibility of resolving this fluctuating current into a smooth direct current, modulated by a variable frequency alternating potential.

Unfortunately, however, when resistances of the proper value to give us adequate control of the phase angle are employed, it will be found that any variation of the resistance varies the plate voltage applied to the valve, and may seriously effect the amplification obtainable. In order to avoid this a comparatively low inductance, (R.F.C.) should be shunted across the resistor, thereby ensuring a maximum static value of plate voltage at the valve while offering a very high impedance of radio frequency currents. This resistance can now be varied without affecting the static value of the plate voltage, and will be found to serve

Auckland Notes

(By "Call-up.")

PART of the organ recital given by Mr. Maughan Barnett, city organist, in the Town Hall last Sunday, was relayed by 1YA, and the innovation proved so popular that it has been decided to relay these organ recitals regularly until the contract with the Auckland City Council runs out next spring.

A BAND which few listeners have heard, and which has not previously broadcast, will be heard from 1YA on August 27. This is the Birkenhead Municipal Band, which has earned a considerable reputation as a first-class combination.

AMONG new vocalists to be heard for the first time from 1YA in the near future are Miss Mira Monk, soprano, August 24; Mr. S. Hislop, base baritone, August 27; Mr. Peter Baxter, English baritone, August 29; and Mr. Arthur Simpson, August 30.

STATION 1YA hopes to give another "New Zealand Night" at an early date, but is finding some difficulty in obtaining suitable instrumental numbers by New Zealand composers. There is no dearth of songs, while part songs are also available. This programme should be presented some time in September, just a year since the first such programme was presented from the station.

STATION 1YA is now four years old, having been on the air since August 7, 1926. It was the first station to be opened by the Radio Broadcasting Company, and was specially built for its purpose. At the time of its opening there were only 4400 licensed listeners in New Zealand, whereas now there are well over fifteen thousand in the Auckland province alone.

RECENTLY a batch of fifty-two persons appeared at the Auckland Magistrate's Court charged with using unlicensed radio receiving sets, and all were fined. A week later another batch of sixteen appeared on similar charges and were fined from £1 to 30/- and costs. One woman who was charged said the set in question belonged to her son, and that he had only paid 1/- for it. Well, it will cost you a pound now," remarked the magistrate dryly, while the clerk of the court added further to it by saying "Ten shillings costs."

very nicely as an oscillation control. Also, if provision is made so that it can be reduced to a low value so as to effectively short-circuit the .5 mfd., it can also be employed as a volume control for the receiver.

(b) The impedance=change in plate voltage divided by the corresponding change in plate current.

(c) Being without gas, the filament return of the screen grid valve is to positive.

(d) This has been covered by our introductory remarks.—Tech. Ed.

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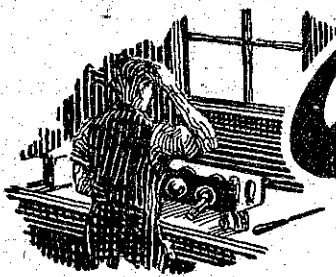
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Questions and Answers



I.B. (Christchurch) asks where he might obtain information concerning the Hammarlund-Roberts screen-grid receiver.

A.: Try John's, Ltd., Auckland.

2. Will A630, A609, and two B605's be suitable for the above receiver?

A.: A630 would not be much use for a screen-grid receiver. A609 can be used in almost any position except as a power valve, with one of the 605's in the last stage.

T. McR. (Wanganui) has an 8-valve electric set which hums when the power is turned on. How could he reduce this?

A.: You would need to consult the agent who sold you the set as hum reduction is not a simple matter for an amateur.

G.C.C. (Christchurch) asks us for some advice regarding commercial receivers—he cannot decide which of three he would like.

A.: We are afraid that if you have heard the three we cannot decide for you. They are differently priced, and as far as we know are graded according to the price. We tested No. 3, and the report appeared in the "Radio Record" some time back.

CONSTANT (Wellington) has constructed the "Combination" receiver described in the "Radio Rec. 1," and now wishes to add an extra valve, so as to have the following combination:—Crystal receiver, crystal and one-valve amplifier, valve and an amplifier.

A.: Add a stage as was shown in a diagram last week, but you will have to use a special jack before this stage to operate as a crystal and one-valve amplifier. Such a jack can be easily obtained by asking for one to plug in to a first stage audio.

SPARKS (Dunedin) asks one where might I obtain constructional details of a set suitable for receiving Australian and New Zealand stations, such set to use batteries only.

A.: The four-valve Browning Drake described in the 1929 "Radio Listeners' Guide" would suit your purpose admirably.

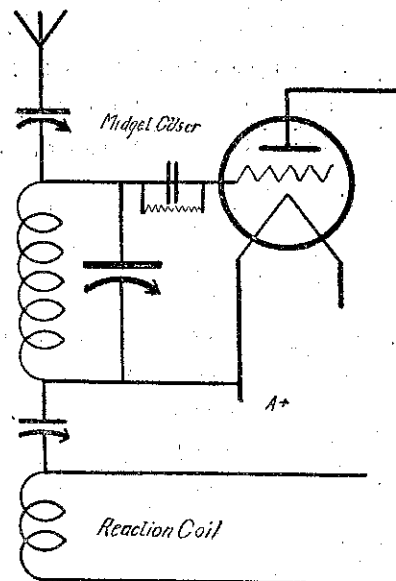
2. Is a kit set available for such.

A.: Not to our knowledge, though the parts are readily available.

SHORT-WAVE (Gisborne) asks the following questions concerning a single valve receiver described in a recent publication.

1. Can this set be used as a short-wave receiver?

A.: Yes, if you use special coils. We would advise you, however, to use the "Round the World" circuit described in



the "Radio Record" this year, but leaving out the second valve that is in place of the first audio transformer; use your headphones. You would find it better to use a .00015 condenser, and use the numbers in last week's "Radio Record." You would then not have a separate primary, but would come on into the secondary as shown in the accompanying diagram. Other than this there is little difference in the sets.

2. Will .003 condenser do instead of a 00035 and a 00025?

A.: Yes, but you will need to alter the number of turns on the coils. We advise you to construct at least the detector stages of "Round the World Two."

W.G.S. (Napier) asks if he might attach a short-wave adaptor to his a.c. set to save expense of a separate receiver.

A.: Yes; you could quite easily make an adaptor such as was described in the

1930 "Guide," but if you prefer not to do your own construction you could either have one made or could purchase a commercial one.

W.F.N. (Waimate).—Send along a diagram of two positions for aerial. In one he can get a 100ft., but would need to give the lead-in a twist. On the other way the aerial would be only 45ft. in length, and the aerial would come in straight. Which would be the better?

A.: Providing you can get a reasonable light to No. 1 it would be the better theoretically, although in practice there would be little perceptible difference in the signal strength.

ANGUS (Wellington) has recently wound broadcast coils for his short-wave set. He is having trouble with the reaction; everything works quite well for a part of the range, but on the lower frequencies the set will not oscillate, having more turns induces violent oscillation on the higher frequencies.

A.: The trouble lies with the small value of condenser used to control regeneration. Now that you have broadcast coils you will need a bigger value condenser, say, a 00025.

MARCONI (Blenheim) wishes to know a few points about the "Round the World Two."

1. When I first hooked up this set I put 22½ volts on the plate of the detector. It would not oscillate; then I tried 45 volts and it went all right. Why does it not oscillate on 22½ volts?

A.: It depends on the valve; not every one will oscillate on 22½ volts.

2. I intend to shift the tuning condenser back from the panel on account of hand capacity. May the extension shaft be of bakelite, ebonite or other non-contacting material, or would metal do?

A.: By using metal you would be defeating your own ends. Bakelite or some non-conducting material would be necessary.

3. My set has the fringe howl badly. How can I stop it?

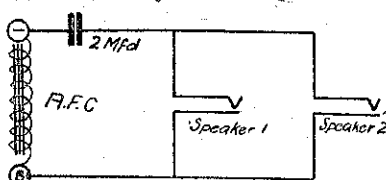
A.: That question was fairly comprehensively treated in an article in last week's issue.

4. How do I connect a choke output to my set? Would the secondary of an audio transformer do for a choke?

A.: A diagram shows the connections, providing you are using only two valves the secondary of a transformer would probably be all right, in any case it is worth trying.

5. Is the plate-voltage control method of reaction as efficient as condenser control?

A.: Yes, but you must be careful to



select the resistance. The following are suitable: Centralab, Frost or Electrad, probably 50,000 ohms would do.

LISTENER-IN (Alfredton) wants us to draw a comparison between a 6-volt A accumulator and a Columbia "Hotshot" battery.

A.: The Columbia is merely four of the standard number 6 cells wired ready for use.

2. How would they do to run a six-valve set?

A.: They would be inadequate.

3. How do you compare this battery with a 45-volt B battery?

A.: They are different in size and purpose, though the 6-volt battery consists of four cells wired in series and a 45-volt B battery comprises 30 much smaller cells wired in series.

"H.W.Y." (Herekino) asks the following relative to short wave:—

1. Concerning the four-valve screen-grid received in 1930 Guide, the theoretical diagram shows the grid leak lead to A positive and the under baseboard wiring to A negative.

A.: It rests with your valve which one you use; try the positive.

2. Wiring planned shows the R.F. coil to earth, the under baseboard shows filament and plate terminals to earth.

A.: Filament negative is earth.

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LISTENERS must attach this coupon to all queries sent to the Technical Editor (Box 1032, Wellington). Questions arriving without it are likely to go astray or be delayed.

Name of set

Number of Valves

Name

Address

Nom de plume

To be kept in subsequent inquiries.

Date

Please Note:—

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

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

3. A whistle is heard which increases in intensity with the adjustment of the rheostat.

A.: Do you mean that the set oscillates and continues to do only more violently as the rheostat is advanced? If so, you will have to reduce the number of turns on the tickler or the detector voltage. If the whistling is independent of oscillation reverse the connections to the primary of the first audio transformer. If this does not stop it try earthing the cores and the frames of the transformers.

4. I can get no signals on the 19-28 metre coil.

A.: Does the set oscillate on this band? If not, increase the detector voltage and then the number of turns on the tickler.

5. I am taking the plate lead through the slot at the top of the can, and by another route to the grid of the next valve. Is this O.K.?—Yes.

6. Reaction works smoothly on the 28-38 metre coil with one type of valve, but the others will not work. Why?

A.: These may need a higher voltage on the plate, and they may be older than the one that works.

7. Is the plate wiring system of "Round the World Two" correct?—Yes.

8. I applied a voltmeter between the plate terminal of the valve and the B— and there was no reading, although the set was working.

A.: There must be a reading if you are making the contacts properly and

your meter is quite O.K., otherwise the primary of your transformer is burnt out.

9. What is the gauge of the enclosed wire?

A.: 40 S.W.G.

10. Would a .5 mfd. condenser be O.K. across the reaction resistance?—Yes.

11. An anode resistance I had would not allow any current to pass unless it was full in. Was it defective?

A.: Apparently so, though the resistance might be too high for the use to which you are putting it.

L.B.C. (Nelson) has two condensers, one with 7 fixed plates and 6 moving, and the other has 10 fixed and 11 moving. What are the capacities?

A.: Probably .0002 or .00025 and .00035.

2. A .00025 condenser broke down in my set and I cannot get another one. Will a .0003 do?—Yes.

"B.F." (Auckland) wishes to know the number of turns for broadcast coil to be wound on a 3in. former and tuned with a .0002 or .00015 condenser.

A.: That was given in the details of coils for the "Round the World Three" when it was published some time ago.

W.H.P. (Wanganui) submits a sketch and asks the number of turns for the coils but he has failed to state the value of the condenser. If he will do this we might be able to help him.

2. I get good speaker reception from 2BL, 2YA, and 2FC, but cannot find either of the Wanganui stations.

A.: It appears that your condenser coil is not covering the band. Either might be too small. Please restate your problem, noting where the three stations are logged.

3. What are the respective voltages for each valve?

A.: If you have 180 you can put these on the last valve, but you must use 12 volts bias.

EXPERIMENTER (Christchurch) asks for the number of turns for primary and secondary of screen grid circuit sent in.

A.: The aerial coil is about 20 turns tapped at the centre, and L. 1 you can get from the "Radio Listeners' Guide"; it is the same as the ordinary Browning Drake. The primary of L.2 might give you some trouble, but try 20 turns to start with. The secondary you can also get from the "Guide," and the tickler will be the same as for an ordinary valve.

2. Is this suitable for the Loftin White amplifier?

A.: Yes, providing you get the coils matched and properly shielded.

3. Will a transformer be necessary between the tuner and the amplifier.

A.: A resistance unit coupling would do better.

4. Will a better tuner be described in the Record?

A.: We hope to describe a tuner for the Loftin White shortly.

Correspondents are requested to use the coupon now published on the Questions and Answers pages when making inquiries. Inquiries arriving after August 16 without it cannot be answered.

5. Are these coils obtainable in New Zealand?

A.: If you submitted the circuit to Johns, Ltd., Auckland, they would possibly be able to make them up for you.

R.E.R. (Wanganui) is building a four-valve set, and asks if two .0005 condensers are suitable.—Yes.

2. What voltages are best applied to the following:—

R.F. equals 67½.

Detector equals 45.

First audio equals 90.

Second audio equals as much as you can give it.

3. Are the following valves suitable: HL 610, L 610 (either of these for the R.F.), A 615, B 605, and a super power valve?

A.: Either H.L. or L. 610 would do for the R.F., but you could not use B. 605 as first audio, you need use a general purpose valve such as L. 610.

4. Which ratio do you recommend for the transformers?—3½ to one.

5. Is an amperite necessary with 6-volt valves and 6-volt battery?—No.

F.E.Q. (Milton) wishes to convert a 2 amp. charger into an A eliminator.

A.: The method was described in "All About the All Electric," the choke for this has been described in the 1930 "Guide."

C.W. (New Plymouth) submits a plan for converting his charger into an A eliminator.

A.: The choke must come before the condenser, and the lead from the plate of the valve is A—.

2. Would the plan on page 59 of the 1930 "Guide" do with two separate filament windings?

A.: There is no plan on page 59. We cannot quite see your point. The sketch submitted would be all right, providing the polarity as mentioned in this answer is observed.

3. There are two spools on the charger; the bottom one goes to the mains and

the top three wires go to the valve as shown.

A.: The charger is designed with primary and secondary on either leg, and the three wires are the two filament and the secondary. The plan on page 59 of the 1929 "Guide" is right. To make it into an eliminator you merely shunt a condenser between positive and negative and put a choke in the positive lead between the condenser and the transformer.

A.G.C. (Te Aroha) built an "A" battery charger the resistance lamp of which burnt out; it was replaced and now the replace has burnt out.

A.: You have too much voltage on the secondary. Take a tapping from fewer turns. You may have to undo your charger to get at the winding.

A.V.N. (Grey County) asks what would be the charging rate of nine 10-volt blocks of B. cells connected in parallel. The charging rate of the whole 90-volt block is ½ an amp.

A.: By connecting them in parallel the capacity is increased and as such the charging rate can be increased.

2. My generator charges at about 5 amps. What resistance could I put in to lower the amperage without decreasing the voltage?

A.: You cannot decrease amperage without decreasing voltage, but providing your voltage will remain constant there will be no need for a resistance. To be safe, use a 3-ohm. rheo which would pass 5 amps. Probably only an ohm. would be needed.

D.C.D. (Auckland) has not had success with the Loftin White. The quality is poor though everything tests O.K. The plate current is 42 mills.

A.: Constructors have been singularly fortunate with the L.W., though there is one source of possible trouble, and it seems that you have lighted upon it. Unless the grid-leak supplying current to the coupling between the 224 and the 245 is of the correct value, the amount of bias on the 245 is wrong, the plate current of that valve high, and the tone, to use your expression, rotten. Though many of these leaks are marked at 500-000 ohms, it is to be regretted that many do not come anywhere near this value. Try another leak of the same value, or, if a megger is available, have it tested. No doubt this will solve the trouble.

2. It appears that the tapped choke output is the better. Where can I put same? The choke replaces the primary of the o.p. transformer and the condenser is placed in series with a lead from the plate end of the choke to the speaker. The other side of the latter is brought to earth or any other suitable return.

Can you advise a transformer to match the output of the N. & K. inductor dynamic speaker? I understand it is between the red and the green spot of the Farrand.

A.: Your safest plan is to obtain one of the tapped secondary o.p. transformers, which are now quite common, and match the impedance from this.

W.A.G. (Taranaki): See the reply to A.R.B. (Clevedon).

F.H. (Auckland) is using a Tungar charger for a 6-volt battery; he gets a shock in standing on a concrete floor.

A.: Providing your charger is working all right we would not go as far as to say there was anything wrong. If it is not quite right we should imagine there to be a breakdown in the insulation between primary and secondary. Either this or the secondary is not at earth potential.

CONSTANT Reader (Wellington) wishes to add another valve to his combination receiver, but wishes to use only one valve when he is using the crystal. The other is for use with the valve detecting only.

A.: A sketch of the connections for another valve was published last week. To use the crystal and the one valve it

RADIO DIRECTORY

What to Buy and Where

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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.
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The Late John Prouse

WIDESPREAD regret was felt in Wellington musical and social circles at the death of the late John Prouse. His voice was well known to listeners by reason of his frequent appearance before the microphone at 2YA; but, in addition to his achievement in that sphere, his influence for the good of music and the best in life was widespread. His decease leaves a definite gap in the circle graced by him.

Prior to the commencement of the programme in the Town Hall on Wednesday evening last Mr. Ernest Dawson, on behalf of the Music Week Committee, said he desired to express the deep regret of all music lovers at the death of Mr. Prouse. The privilege of paying a tribute to Mr. Prouse had been accorded to the Hon. L. M. Isitt.

Mr. Isitt paid to the departed singer a most eloquent and moving tribute. He had first come in contact with Mr. Prouse when he (the speaker) was attached to the Taranaki Street Wesleyan Church. They possessed then a very wonderful choir, second to none in New Zealand, as it included in its membership Miss Harriett Randall, Miss Warren (contralto), E. J. and J. W. Hill as tenors, and John Prouse as baritone. Mr. Prouse commanded his admiration not alone for his singing but for the heart and soul he infused into anything likely to improve the morals of the people.

"It is a great thing to be a fine singer," said Mr. Isitt, "but it is more difficult to be a good man. I have never known him to sound a sharp or a flat in his life. He was true in tone all through as a man as well as a singer. He was a man of cleanly habit, clean in thought and action; a clean-living man. I make no apology for bringing in religion, as I believe my friend made it the basis of his life, and fashioned it on that of the living Christ."

Mr. Isitt concluded a sincere and eloquent tribute by expressing his belief that the life of John Prouse may be regarded as an example to all to follow in his footsteps as he followed in the footsteps of the Master; after which the "Dead March" in "Saul" was played by the orchestra and organ.

would be necessary to use a jack before the extra valve. This jack is specially designed so that when the plug is out the second stage is connected in the circuit, and when it is in the second audio valve is cut off. Examination of the jack will show how the connections are made.

2. I get a shrill whistle when the set is operating on loud signals.

A.: This sounds like a defective grid-leak or speaker.

A. R.B. (Clevedon) asks if a tungsar A and B charger can be used to run a set of 4 valves.

1. Could A and B currents be drawn simultaneously?

A.: You would have to go to a considerable amount of trouble, though you could use the transformers in the charger to make your eliminator; you would need separate rectifiers.

2. What values chokes and condensers would I need?

A.: These were given in the 1929 and '30 "Guides."

3. Would the necessary apparatus be expensive?

A.: It would cost you several pounds.

4. Would I need an electrician to assemble the apparatus?

A.: So the regulations state.

N.Z. Radio Enterprise

A Visit to a Well-known Factory

RADIO in New Zealand is taking a firm hold when we see local firms manufacturing radio receivers that can compare favourably with the imported articles. Already several of these factories are established and good business is reported.

A short time ago, at the invitation of Messrs. Wiseman and Sons, Auckland, we visited their factory in Albert Street and were agreeably surprised to see the completeness with which everything is "made in New Zealand."

In the first place we were introduced to Mr. H. E. Parsons, the chief radio

engineer, who has evolved the Courier circuits and who now supervises their construction. We had an interesting chat with Mr. Parsons on the trend of radio, and then he told us a few facts about the Courier.

The receiver had been given a dual range because it is considered that the short waves hold a great deal of interest for the average listener. The broadcast band is subject to certain vagaries over a distance of a thousand miles, but the short waves are generally not successful until this distance is passed. That is the reason why the two ranges are combined in the Courier. Usually wave-changing entails plugging in several coils, but by

a unique wave-changing switch either region could be had without the necessity of raising the lid of the receiver. This has made the Couriers "boyproof."

The original models were battery sets, but with the introduction of the A.C. receiver the Courier was brought into line, and now a new receiver, completely mains operated, is on the market. This has entailed considerable alterations to the size of the factory and many additions have been made. The latest model is an A.C. console.

It is of no little interest in passing to note that many of the features standardised by Messrs. Wiseman and Sons



MR. H. E. PARSONS,
Chief Radio Engineer.



MR. G. M. BOWLES,
Sales Organiser.

have been adopted by overseas manufacturers.

On looking round the factory it was interesting to notice the very large number of parts that are made in the factory. The imported article is kept down to a minimum. There is a large staff of experienced assistants, and everyone is busy at his own particular job.

The Courier organisation has recently been strengthened by the entry of Mr. G. M. Bowles, who is well known to the trade, and whose experience in engineering and organisation will no doubt greatly assist the production and sales campaign now being launched by Messrs. J. Wiseman and Sons, Ltd.

Of Topical Interest

"TORQUE" (Island Bay) asks:

"Which is the most powerful broadcast station, built or contemplated, long or short wave, in the world?" From what can be gathered, the most powerful broadcast stations in the world are at Moscow and Rome, each of which is rated at 100,000 watts. A broadcast station is being erected at Prague, Czecho-Slovakia, which is to be rated at 120,000 watts. "Switch" has inspected various lists, which give the

palm to the above-mentioned stations. If there is any station more powerful he can find no record of it.

A FINAL decision has not been arrived at concerning the proposal mentioned by "V.D.H." (Karori). The matter is in abeyance.

DURING the past week 2FC, Sydney, has come in with exceptional volume, completely overshadowing the other Australian stations. 2BL, Sydney, has suffered more than usually from fading and distortion associated with it.

Laboratory Jottings

Audak Pick-up

MESSRS. Bond and Bond, Auckland, have supplied us with an Audak pickup of the type used for the home, which has proved to be a first-class article from all points of view. Our tests were taken from the angles of

1. Signal response or the "loudness."
2. Frequency response or the "range."
3. Quality or pureness of the output.
4. Effect on records.

Comparisons were made with a standard pickup by arranging both so that they could be played on the same record simultaneously. By a switch the output of either could be fed into the amplifier and so a comparison made.

In the first place the Audak showed that under the same conditions as a standard instrument it was capable of giving a greater signal output; in other words, it was considerably louder. Tests on several grades of needles showed this characteristic to persist.

The range covered, with equal intensity over a large portion, was from below 40 cycles to over 9000. The signal strength even at the extremes was considerable and the instrument continued to respond after the standard had ceased. With a coverage such as this it is not surprising that the quality of the pickup is outstanding. There is colour and brilliance that is quite unusual. Notes at both extremes of the scale are distinct, crisp and clear. A complete absence of slurring, jar or "tinniness" imparts splendid quality to this instrument.

Although a properly adjusted pickup is not hard on records, these instruments are usually not infallible and slightly incorrect adjustment is liable to damage records. There are two problems—the weight of the pickup must be such that the head will remain in the grooves of deep notes, and the lightness must be such the records will not be torn. This means a compromise and the Audak has struck the happy medium. With the pickup adjusted as carefully as possible a record was played and the needle (fine) examined under a microscope. The residual dust was then compared with the usual deposit on the needles of pickups and proved to be less than usual.

It tracks over notes below 50 cycles smoothly and that is not an easy feat. Fibre needles, provided their shanks are trimmed to fit the needle aperture, work well with this instrument. We found, using the Loftin White amplifier, that they would give comfortable strength on most records and a reserve on some of the louder ones. By using these needles the records can be indefinitely preserved.

A separate volume control is employed. It can be detached from the pickup and used between the aerial and the set as a control for the radio receiver.

WHILE in Auckland recently "Switch" met three listeners who obtained first-rate reception of 4YA, Dunedin (direct—not by relay) on the occasion of the broadcast description of the British-All Black Test match. The Dunedin station came through, they said, with good loudspeaker volume, and without a trace of fading or distortion.

AS has been said elsewhere, this is one of the most popular of Verdi's operas. It was the one that, when performed for the first time in the Venice Theatre, Venice, on March 11, 1851, brought him recognition, and secured for him a place among the great writers of opera. Taking as its theme the test by Piave (after Victor Hugo's famous novel "Le Roi S'amuse"), the opera contains some delightful solos, duets, and quartets, and should delight many of those who will listen to it for the first time from 4YA Monday next. No doubt some of the airs will be more or less known, but this will be the first complete rendition over the air.

It is completely recorded on H.M.V. and representatively on Columbia. We have chosen a few excerpts from each, for it would be impossible to review the opera in full.

The introduction and minuet played by Createore and his band on H.M.V. EB29 is good, bright music, which moves rapidly from the opening phrase. The rendition abounds in colourful passages with plenty of deep bass and bright treble. The band is well balanced and usually gives bright interpretations of music regarded as heavy. But the introduction to Rigoletto is by no means heavy and the band makes a fine record.

"E IL SOL DELL'ANIMA" (Love is the light of the soul). H.M.V. DA 646, a duet between Galli-Curci and Schipa. Being one of the newer recordings one can expect a good excerpt from the opera, and he should not be disappointed with this record. The duke has stolen into Rigoletto's garden and surprised Gilda in her confession of love for the handsome youth who she has encountered on her way to and

With GRAMOPHONE and RADIO

BY "B NATURAL"

THE OPERA "RIGOLETTO"

from church. (This is the duke in guise of a poor student.) She begs him to leave her, but he replies that she has lit the fire within him, and loses no time to win the heart of the pretty maid. He tells her that "love is the sun by which passion is kindled." The address of the duke wherein he tells of his scholarly attributes merges into a love duet. This is the part covered by the record. One hears the address in all the tenderness and suppressed passion of the gentle, silvery notes of Schipa. Then he is interrupted by Galli-Curci and the delightful love duet ensues. The passion of both grows and reaches a climax as the record draws to a close.

WE now turn to the end of the second act, which closes in the dramatic climax where Rigoletto discovers that the Duke had found his daughter and used her to his own ends. Several solos lead up to "Piangi, Fanciulla," a duet between father and daughter. Rigoletto, distracted, comes before the barred door, behind which are the Duke and his daughter. In a rage he denounces the Duke and the grinning courtiers, the while crying for the door to be opened, but it does not yield. While the courtiers are jeering at the distracted

jester Gilda rushes in and throws herself in the arms of her distracted father. She sobs out her confession to the heartbroken cries of her father, and finally weeps upon his breast.

This is one of the most passionate and difficult airs in the opera, and is true Verdi. The duet on H.M.V. DA1028 takes place between Galli-Curci and de Luca. This, too, is a re-recording. The pained notes of the baritone endeavour-

Retrospect

*SORROW is not for ever;
only the joys remain!
Do we remember
When years are past,
The hour which we spent in
pain?*

—Olympus.

ing to comfort the daughter are soon broken by her sobs as she cries out her confession. This is a splendid record and is perfectly recorded. One could almost imagine that these two artists are present in the room singing this passionate duet.

DESPITE her woe in "Si Vendetta, Tremenda Vendetta," Gilda pleads with her father, who cries for vengeance. But her pleading is in vain, and in a passionate climax brings the second act to an end. On H.M.V. DA189 Battistini and Lulu Hayes sing the duet. This wonderful duet shows the passion of the jester rising from the gentle strains of the opening phrases to the violent passages where he is interrupted by the cries of his daughter. Each tries to out-voice the other, and the duet rises in intensity until the brilliant climax, with the baritone crying in suppressed fury and the soprano raising her pleading voice higher and higher, brings the second act to a conclusion. The artists are well chosen and sing a brilliant duet, though it is not electrically recorded and suffers much in consequence.

ACT three is ushered in by what is perhaps the best known air of the opera "La Donna e Mobile" ("Woman is Fickle").

THE Duke comes to the door of Sparafucile's house and calls for wine. Though he has loves in every street in the town he sings of the fickleness of women. Of the words little can be said, for they only repeat that women are fickle, but the tune is so catchy that it has been whistled and sung the world over. In fact it was not given to the tenor who created the part in the initial performance until the afternoon of the performance. Verdi was afraid that, had it been otherwise, the whole town would be singing the air before it was per-

formed. Here are the words that give the key:—

*Woman is fickle,
Like a feather in the wind,
Changeable always,
Constant never.*

An interesting record is made by Caruso on DA561, for it is one made before his art is properly mature. There are many recordings both on H.M.V. and Columbia.

THE next record is one of the most famous quartets in opera and the one we have chosen is that backing the sextet from "Lucia di Lammermoor" on DQ102. Rigoletto and Gilda find the Duke making love to Maddalena. In this quartet the emotions of all four are brought out, and it requires many playings to realise its beauty. Here is the tender pleading of the Duke, the coquetry of Maddalena, the fierce cries of Rigoletto, the broken sobs of Gilda, who sees another woman in the arms of the man she loves. It is through the music and not the words that the beauty of this quartet is realised. With Galli Curci (Gilda), Gigli (the Duke), de Luca (Rigoletto), and Homer (Maddalena) the success of the record is doubly assured. It is an air that one can play many times and each time detect something more beautiful. It is recorded on Columbia 04344, with Gentile, Stignani, Granda, and Galeffi. This is another beautiful record in which the conflicting emotions are brought out with fidelity. On the reverse is the "Prelude to the Duke's Song" ("La Donna Mobile"), with Gentile, Granda and Galeffi. A splendid interpretation is given to the lilting melody of La Donna.

THE famous quartet is recorded as a band item on H.M.V. EB29, by Createore and his band. It is on the reverse of the "Introduction" mentioned previously. It is remarkable how nearly instruments can approximate the human voice, especially when under skilful conductorship, and in this air the band very nearly approaches the voice. The emotions are plainly evident when one knows what to look for.

BAND selections are played by the Regimental Band of the Grenadier Guards on Columbia 3890. A surprising amount of variety is found in this interpretation, and many of the best-known airs are brought in. The quartet comes in at the commencement of the second record and occupies most of the side. It is worth while, for this is a delightful ensemble, and well worth performing in a variety of styles.

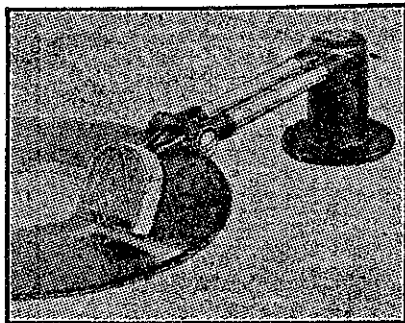
Other Features

THERE are other noteworthy musical features of the week. "Merry England," as part of Christchurch Music Week, will be presented from 8YA Saturday next. It is comprehensively recorded on both H.M.V. and Columbia, but certain of the records chosen for review should prove of interest to those who wish to make their collection representative only. On Columbia 926 the Light Opera Company record vocal gems. The company is a good combination of voices of all pitch and textures. They are heard in solo and choruses happily mixed. There

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Remarkable Power, Clarity, Tone Value
and Realism

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are some delightful choruses in this light opera and the best have been selected for this record. It occupies both sides.

BAND selections by the Grenadier Guards Band make a good record on the electrically produced Columbia 02804. There is no doubt that the Guardsmen are a splendid combination and they make the most of these selections from the light opera. The bright swinging music is varied and well rendered. It is given a chance by the electrical methods employed in the production, which makes the record stand out from the large number of the selections played by the Guardsmen on records produced by the older methods. The "Rosamund Overture," played during the week, makes a fine record as a recording of the Halle Orchestra, under the baton of Sir Hamilton Harty, on Columbia 04197. This typically Schubert overture is well rendered and fully recorded. The record is a bright one that improves as it is played, for there is a considerable amount of detail that can be discovered only by repetition. Being electrically recorded the overture is very full.

The Norwegian Rhapsody, also played during the week, is recorded on Columbia 02891 by the Paris Symphony Orchestra, under the conductorship of Pierre Chagon. Right from the start this record promises to be a good one, and it soon develops colour and contrast that makes a bright selection. In it there are some truly delightful passages—light, airy phrases from violin and flute, jingling percussion in instruments, and the deep thumping of the timpany and side-drums. It is a fast-moving record that cannot fail to please.

An All-Gas Receiver

AN English contemporary publishes the following amusing incident, which occurred in London recently.

A radio retailer was approached a few weeks ago by a customer who wanted to buy an eliminator. "How many valves?" was the retailer's first question. "Oh, it's a crystal set," was the reply. "I thought the eliminator did away with valves."

The retailer saw a good opportunity to sell an all-electric set. "I suppose you fighting supply is A.C.?" he asked. "No," came the answer, "it's gas!"

Screen Grid Radio Chassis £26

8-Valve
245's Push-pull
R.C. 1st Audio
Power Det'n
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230-volt A.C.



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CHRISTCHURCH

Children's Sessions

From 2YA.

MONDAY, AUGUST 18.—Miss Agnes Wright will bring a band of pupils to-night. These small cousins will play the piano, recite and sing both separately and in chorus—all of which, added to Uncle Jeff's puzzles, gives promise of a delightful evening.

TUESDAY.—To-night there will be a miscellaneous musical programme from Scots College, given by the students under the capable direction of Mr. John Bishop. Uncle Jim will also be present.

THURSDAY.—To-night there will be quite an exciting programme. Uncle George will give some Scotch items, and there will be bagpipes to give a real Scottish flavour to the proceedings. Some tiny cousins under seven years of age will sing and play.

FRIDAY.—Great pleasure should be derived to-night from Mrs. Mildred Kenny's Juvenile Band. The Story-Book Lady will also be present.

SATURDAY.—The "Revellers" will be here with their drums, cornets, flutes and violins. Cousin Hayward with his mandolin and Cousins Dorothy, Ailsa, Gwyn and Nancy will also take part in the programme. Uncle Toby will send Birthday Greetings.

Broadcasting the Great Composers

BACH, says the "Nineteenth Century," in a detailed and interesting study of "wireless music," broadcasts better than almost any other composer. Jazz, too, keeps company with Bach in this suitability for broadcasting.

The three qualities, this article goes on to suggest, which music must possess if it is to broadcast well, are clear melody, simple harmony, and a well-accented rhythm; and these, of course, Bach's music possesses in excelsis. It follows, therefore, that music which depends, for its effect, on thick harmony and subtlety of colour, will not "come through" nearly as well; Strauss and Wagner, for instance, cut a poor figure, when it comes to broadcasting, in comparison with Bach.

This conclusion is not without significance. Art to-day is all for the objective way of looking at things, and what could be more objective than the music of Bach? Such romantics as Strauss and Wagner are, in the vanguard, already outmoded. Modern composers, who extol Bach beyond all other classical masters and look to him as their model, should be more than delighted, therefore, that Bach broadcasts so well; it is as a gift in their hands straight from the gods to find waiting for them a wide public familiarised with the music of their master and guide.

The conclusion is of interest, too, in connection with the endeavours that are being made to get young composers to write music expressly for broadcast purposes. Here, if the writers of this article are correct in their analysis, are the golden rules these composers must observe: Clarity of melody, simplicity of harmony, and boldness of rhythm.

The G.M. Abroad

Mr. Harris Visits America

MR. A. R. HARRIS, Managing Director of the A. R. Harris Company, of Christchurch, and General Manager of the Radio Broadcasting Company is aboard the Makura returning to New Zealand from a visit to the United States and Canada. The visit has been a business one and while in America he has looked extensively into matters of broadcasting, the result of which will no doubt be reflected in the New Zealand service, although, as has been frequently stated, the Broadcasting Company retains an expert consultant in the United States of America and is kept fully advised as to the trend of everything, technical and otherwise, in broadcasting in that country.

This is not Mr. Harris's first visit to America. He spent several years there and received an electrical training in the Edison Laboratory under the aegis of Mr. Thomas A. Edison himself, and his associations of those days have been of material advantage to him on this hurried visit.

Mr. Harris, who was in 4YA, Dunedin, studio on the epoch-making occasion of Read-Admiral Byrd's two-way conversation with New York, was in New York to see the reception accorded the famous American. He was also present, by special invitation, when radio conversations, about which much publicity was given in America, were carried out between England, Germany and the United States. Edison spoke from his library at West Orange. The proceedings were of particular in-

terest to Mr. Harris, who says there was a small army of operators carrying out the transmission and the sound recording.

Mr. Harris also visited a large experimental station where British programmes are picked up for rebroadcasting purposes. Television claimed attention and he witnessed laboratory tests and experiments. Talkie-making studios have also been visited, and there seems to be nothing in the broadcasting entertainment line that Mr. Harris has not investigated with the view to applying to the New Zealand service. He has met and conferred with all the people prominent in the conduct of broadcasting services in U.S.A. and Canada.

Trade Notes

THOS. BALLINGER'S draw our attention to the fact that the radio receivers exhibited by them at the Wellington Exhibition and marketed by them are known as "Peerless Radio," not "Peerless Couriers," as was reported.

Sound Arrangements

THE arrangements for making announcements to the huge crowd at the Fourth Test were very good. Three loud speakers were placed on a high pole in front of the grandstand, and the announcer could be heard distinctly all over the ground. At odd moments during the day when nothing interesting was happening, gramophone music was broadcast through these speakers to entertain the crowd.

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64 tests,**



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lullaby or crash of drum and cymbal—with amazing naturalness and beauty. Your present valves may still light and yet be tone "dead". Replace them with a set of CeCo Valves and get the most from your set for the longest time.

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G.2-Q.F.



ARE we returning to Victorian etiquette as well as to Victorian dresses? In those days of rigid conventions it was a recognised law of etiquette for the man to precede the woman up a staircase, lest her "trailing clouds of glory" should be trodden on by male feet. At a recent ball in Wellington I actually saw this little manoeuvre happening twice, but in each case "by special request from the lady."

THE modern type of "bachelor room" is becoming increasingly popular with young people all over the world. A sitting-bedroom with convertible furniture can be quite artistic and inexpensive at the same time. All that is required is a divan-bed with pillow-cushions, a bureau bookcase, an easy chair, a table, and rugs on a stained floor. The space beneath the divan can be utilised either as an ottoman box, or it can have a couple of drawers fitted into it, an arrangement one often sees in ships' cabins. The newest type of washing basin is "camouflaged" to look like a wireless cabinet.

THE present-day housing ills, and the still non-satisfactory arrangements of self-contained flats when built in many stories, is being approached by leading architects with a scientific mind, imagination, and up-to-date business methods. Mr. R. Buckmaster Fuller, a New York architect, has designed what he calls a "Dymaxion House." This house is built round a central mast, and practically hangs on this. It supplies its own electric heat, light and refrigeration from a Diesel engine at the cost of £1 per month. Each bedroom has its own bathroom, and what appeals most is the laundry, into which the clothes are deposited singly, and come out washed and dried in three minutes. This almost affords room for a guessing competition, as the secret of this is not divulged!

WHAT woman is there, or even girl, who has not cherished in her heart "Her Novel"? It is born and reborn, fostered, cared for, secretly read and reread, but seldom christened and launched out into the world. The wasted talent that has been fanned to life and then flickered out, for lack of someone to acknowledge its possibilities and foster and encourage it to the word "Finis." It's the same with the "Home of One's Heart." We plan, twist, turn, work out one or two rooms to scale, and then our enthusi-

asm runs away with us, and we change the living-room from an oblong to an L-shaped one—remove the fireplace to the outside wall, and promptly forget the small details of redrawing to scale. But, oh, the fun of it! It is far more interesting than the house which an architect builds for us. It is our "Dream Home," wherein we can please ourselves, entirely disregarding the likes and dislikes of the public—the technicalities and the opposition of our

cessed radiator greatly in vogue. It certainly saves space, and in all probability is greatly encouraged by insurance companies, but the mere fact that it is "a fixture" and can never be moved, make it lose half its charm. What more delightful than to sit where you want in a room, have a radiator with a long lead and move it and place it as you wish? Certainly, for nurseries and where there are children, the recessed radiators should be advocat-

where women spend more than one-tenth of their time, and to be able to remove the cooking odours and objectionable fumes, by this easy means, from spreading through the house is a God-send.

I was out playing bridge the other night when I noticed a unique bronze coloured vase with an old-fashioned Roman design engraved, and at the top a small network of lines. On inquiring what it was I was told to "Lift it up." Immediately the top was all aglow, and I, a non-smoker, could not resist the novelty of lighting a cigarette with this bridge-lighter. As soon as it came in contact with the table again the nob at the bottom pressed in and the current was switched off.

A Song of Woe

*[I SHOULD just like to mention (if space will permit)
How our wonderful Rugby keeps all the men fit,
Since our wily friends from overseas came
We shoulder our losses and they do the same.*

*To hear the game broadcast is a treat we all know
To all the poor people unable to go,
Thanks to our radio, which brings to our ears,
At the close of each game, three loud hearty cheers.*

*Now the way 2YA describes every kick
Makes all the keen listeners appreciate wit;
And how they all strive to go with the rest
To our marvellous City to see the fourth Test!*

*And, away to the Union, they wrote for some seats,
Feeling jovial and happy, and like spouting Keats;
But back came a letter with very sad news,
"No seats are available—all booked by the queues!"*

*Now that was enough to drive a man mad
As football he's followed the same as his Dad.
The country man's chances are remote and thin;
Still he backed old New Zealand and hoped she would win!*

—Not Downhearted.

ideas by the architect. It alone can be the expression of our own ideals. To us, it is artistically perfect, but, like the novel, is seldom finished or encouraged to crystallise from a dream to an actuality. However, if it is encouraged by one other member of the family to have it become concrete—there has probably never yet been a woman who did not entirely upset the whole of the plans and specifications, after the rooms have passed the skeleton stage—and she can trust herself to walk on planks.

IN a great number of new homes I have visited lately, in different parts of New Zealand I find the re-

ed for safety for the child and for prevention of fire.

A GREAT attraction to a home-lover is electric ventilation, especially in Wellington when so often on the heights it is impossible to open windows. This ventilation is so necessary in kitchen, washhouse and bathroom. It is quite easily made attractive by installing electric exhaust fans. The convenient and comfortable home of to-day has all these modern appliances and devices as a matter of course. Electric ventilation certainly adds to the pleasures of housekeeping, because a kitchen is

HAVE you ever looked at any of your old-fashioned vases or silver candlesticks and thought that they seemed almost as so much lumber? You have had them so long that they have lost a certain amount of value by being things which seem little thought of. Ask your electrician to make a gallery to fit the top of the vase and with flex and a push-bar holder it will make you an original reading lamp. With the large assortment of parchment shades now in the electric shops, you will have no difficulty in making a "thing of beauty." If, by any chance, you have an Italian glass bowl with a narrow top made into a reading lamp this is unsurpassed. The radiance of the light brings out all the wonderful colour in the vase. The silver or brass candlesticks can also be electrified by wiring up and using one of the small candlebar electric lamps.

WHEN giving dances, besides using these coloured Christmas lamps, a good idea is to use the plain electric lamp and spray it with Duco any colour you want—the result is perfect.

YOU know the lovely japonica flower, don't you? And, of course, you've noticed its berry? Then, have you ever tried to make japonica jelly? It's delicious. It's made just as you would apple jelly, and it is well worth trying.

I WONDER if you, my reader, were one of the many guests at a children's party I went to the

other night? I hope you were. Didn't you love the Christmas lamps that lit up that long sunporch, and that hung all above the supper table? Didn't you feel as if you were in fairyland—they were like so many Jack o' Lanterns with their wonderful colours. Nothing could have been used to give a more festive appearance than the multi-coloured balloons and these lamps that are in series. Wait, oh reader, until Christmas comes, and then you and I can decorate our tree with these.

AT the recent courts the Queen wore some really magnificent dresses. This is a triumph for British workmanship, as her Majesty had made it known previously that all the materials were to be of British manufacture. Her example was followed by many of the ladies making presentations, and the glistening display of gold and silver tissues and chiffons proved once and for all that it is unnecessary, as well as unpatriotic, to go abroad for one's clothes.

RECENTLY our own Governor-General, Lord Bledisloe, when visiting Petone, mentioned the fact that he was wearing none but New Zealand-made garments. Let us hope that he will not be alone in his efforts to stimulate the trade of the country, and that the slogan "Buy New Zealand goods" will no longer fall upon deaf ears.

THERE is at least one woman who believes it is possible to combine the role of housewife with that of professional woman. She is Mrs. Kenneth Martin, wife of a famous surgeon, and is the first married woman to be made a Fellow of the Royal College of Surgeons. After marriage she gave up her profession for a few years, during which time she had three children, and tried to settle down to running a house. But in these labour-saving days, with every electrical conveniences to hand, she found time hanging heavily, and turned once more to her career. "The main cause of neurasthenia in modern women is living at home and doing nothing," she declares.

TROUSSEAU luncheon parties are all the rage over here," writes a friend from England. "I was invited to one the other day, when a bride-to-be entertained her twelve bridesmaids to lunch on the day before the wedding. Afterwards we all trooped into the library to admire the presents, and then upstairs to see the wonderful trousseau, which contained, amongst other things, a couple of most fascinating beach suits. One was in silk pique with long trousers and a blouse of a vivid jazz design, the other being of cretonne-patterned linen." An heiress should make a capital wife.

THERE is a new fashion in wedding rings, as in everything else. Some women are wearing double rings, one being a narrow band of platinum or gold, and beside it a circlet of green jade, or a band of coloured gems.

ALUMINIUM that has become discoloured can be restored to its original colour by acid. Stew some rhu-

Prize Poem Competition

THE average merit of contributions sent in this week was high, although no poem quite reached winning standard. We are unable, therefore, to make an award, but would commend to the attention of readers, for variety of subject and skill in verbal construction, the several poems published in the current issue. It is gratifying to note, as the weeks go by, that this page is attracting increasing attention from several young men and maidens, some of whom send charming work. Sweetly expressed, and showing distinct flair for verse form, is "A Lullaby" by 15-year-old "Jewel"; the rippling line of J.Y. also showing a degree of promise.

X.O.: We are at one with your paean of admiration for that memorable beauty-spot yclept the Oamaru Gardens.

John Storm's stanzas anent Lone Hindu in Wellington Street, as realised by the imaginative mind, give an effect of rounded completeness as they move to their appointed close.

"Sadie": Your Song of the High Hills is fresh and breezy, and room may be found for it.

B.A.K. shows herself sensitive to the ecstasy of spring-time, the lure of New Zealand bush track and silvery song of the tui.

Booklover: Your lines are vague and involved, and who can wonder, modelled as they are on the Sitwellesque manner, which is brimful of pitfalls for the unwary amateur.

Rose Marie: Blameless in intention, but faulty in execution.

Stargazer: You hitch your wagon to too remote a constellation. Try something more mundane.

Covenanter: The moral you point does not adorn the tale you tell.

... Yesterday ...

OH! Yesterday the earth was dark and cold,
The gums tossed mournful leaves against the sky.
The birds' notes sounded shrill, they seemed to scold
Each other as they paused in winging by.
A battered rose clung by an old brick well,
My feet dragged wearily the whole day through,
From leaden skies sad mists of grey rain fell.
Oh, that this dreary world I might renew.
You were not here!

Since yesterday the world is wondrous fair,
The sky is azure blue, with ne'er a cloud,
Or so it seems, while gum leaves scent the air,
And gay cicadas cheep their songs aloud.
The giant red rose, intoxicating sweet,
Gives forth its fragrance from the next high wall.
Scarce can I stay my gaily dancing feet,
The whole earth moves electric to my call,
For you are here!

—Thur.

barb in the aluminium vessel, or cleandoubt that they will make up in enthusiasm for what they may lack in numbers.

A LUNCH was held recently at the Lyceum Club in London to inaugurate the new industry and commerce section. Women occupied in engineering, banking, law, and aviation will be eligible for admission, and it was astonishing to see how many women belonging to such hitherto masculine professions were present. Miss Mac kenzie Edwards, a well-known woman banker, was one of the speakers, and she was followed by a member of the Scottish Bar, the first woman advocate in Scotland. It is to be hoped that in the not too-distant future we may have such a gathering of New Zealand women in Wellington, and there is no

WE all remember Admiral Byrd's broadcasts and the barking of his fox terrier, "Igloo," who could also be heard over the air. "Igloo's" dog comrade "Schnusk," also a fox terrier, with whom he romped on the icy shores of the Antarctic, is reported to have disappeared from his home with Mr. Ralph Shropshire, hydrographer of the Byrd expedition, at Montclair, New Jersey, U.S.A. "Schnusk's" disappearance is attributed to his acquired nomadic desires and inability to readjust himself again to a well-ordered existence in a private home.

—ALISON.

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THE community singing in the Wellington Town Hall during Musical Week has awakened a lively desire on the part of a large number of people to continue community singing, as it is a great up-lift in these rather depressing times. Numbers of my friends consider, however, that the leader should infuse a little more humour into the proceedings. The community singing conductor we hear broadcast from a Sydney suburb is exceedingly popular with the lady members of his audience, and his jokes always evoke screams of laughter. The other evening he told of a country farmer who left his farm in charge of a friend from the city, who knew nothing of farm life. When the farmer returned he asked his friend whether his favourite setting hen had hatched out the clutch of 13 eggs. "Oh, yes," said the friend, "she hatched them all out." "Well," said the farmer, "I can see only one chicken." "Yes," replied the other, "I drowned the other twelve. One is enough for any mother to bring up."—"Lucille."

THE abolition of the harem in Turkey and other modern innovations has not been taken kindly by a number of prominent Turks. About nineteen of these gentlemen with their numerous wives and families have packed up their trunks and gone to the island of Ada-Kaleh, a veritable paradise which stands in the Danube near the famous Iron Gate.—"Jealous."

THE single working woman who is now here to stay brings her own problems, which are somewhat shattering to some conventions. One of these problems is accommodation. To be free many spinsters desire their own flats or homes. In a conference at Home recently I noticed that Miss Aline Mackinnon, hon. Parliamentary secretary of the Women's National Liberal Federation, aroused warm enthusiasm by championing the claims of the spinster for housing accommodation. "I am an incorrigible spinster,"

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THREE 45-volt Standard Batteries; never been used. Apply "Battery," care "Radio Record."

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FIGURE of willowy grace by taking Youth-o-Form capsules. 6/6 posted. A. C. Timms, Chemist, Pahiatua.



she said, "and I think it would bring an enormous amount of happiness to a great many spinsters if they could have their own little homes. I know of dressmakers, cooks, elementary school teachers, and all kind of people who live in lodgings, and who, if they had a little house of their own, and a little bit of garden where they could get dirty in the evenings, would have an entirely different outlook." Even in Wellington the housing of single

A flower cannot blossom without sunshine, and a man cannot live without love.—George P. Upton.

girls presents its problem, and I agree with Miss Mackinnon as to the need of homes.—"Tartan Kate."

AS sensible views on marriage problems as I have encountered for some time were expressed by the Rev. J. F. Worsley-Boden, M.A., chairman of the Modern Churchman's Union, in an address recently. "The original object of marriage," he said, "was the begetting and bearing of children. But in the process of civilisation other factors have entered, spiritual and intellectual; and the secondary or psychic purpose of marriage was more exalted than the primary, physical and productive. The question at issue was not whether some marriages will be dissolved and the parties reassorted or not, for that has always happened in history, and presumably would always happen on this planet until society reached the ideal state. But the question was by what method, and to what extent the law should be made to provide for such dissolution and reassortment." Divorce to-day, he asserted, was at once too easy for some and too difficult for others. The secret of sound reforms of the Marriage and Divorce Laws would lie in the restitution of this balance by the recognition of larger causes than physical acts. To this end birth control was valuable, for it facilitated the psychic purposes of marriage, without the physical consequences. That seems to me sensible. Without harmony and companionship marriage must be a hopeless mess.—"Double Cross."

I STOOD on the doorstep of my friend Margaret's house.

"Well," I said, pointing dramatically to the crossroads, "which is it to be?" We looked down the two roads branching off from the corner—one clear and white in the moonlight, the other shadowy and mysterious, holding out the alluring possibility of romance. "Doesn't matter much, Jim," said Margaret calmly, as she pushed me out. "Things that are fated will happen anyhow and anywhere."

Pondering her words, I reached the corner, and found I was unconsciously turning down the moonlit way. "Ah, well, give Fate a chance," I muttered grimly, as I eyed a street bereft of any object more romantic than the distant tail-light of a stationary motor-car.

In due course I reached that car, and found a punctured tire, and a girl at grips with it. Of course I offered to change the wheel, and in doing so I changed my whole life.

At the dinner-party which Margaret gave for us after the honeymoon, I caught her eye, and we drank a silent toast to Fate. I badly wanted to ask her what would have happened had I taken the other road—but I didn't dare.—L.S.

I AM inclined to think Professor Pitt is right when he says New Zealand is producing a monotonous and stereotyped citizen. I happen to be an Australian, but have spent a quarter of a

Shut Out

TWO poplars, tall and trim
and straight
Like soldiers stand beside the
gate;
With rustling armour, grim and
cold,
They face the stranger over-
bold,
And bid him stay outside the
fold
And pass along!

Two poplars, menacing as fate,
Stand sentinel beside the gate.
I pause awhile and wonder why
That gate is closed to such
as I;
Then take my burden, with a
sigh,
And pass along!

—"A TRAMP."

century in the Dominion, so am not rabid for or against, but flatter myself I can take a broad view. I am in the way of meeting a number of Australian and other visitors from time to time and am impressed by the superior vitality and verve of the visitors to the corresponding rank of local talent. In all kindness I agree with the professor—the local product is definitely monotonous and stereotyped! This is perhaps an inevitable outcome of insularity, but effort should be made to correct it by an open-minded preparedness to accept new ideas and extend hospitality for the sake of new contact. But in that field I find the New Zealander far from active; indeed ultra-conservative, and even stodgy.—Aussie Girl.

PRESSURE of the times is forcing Wellington drapery tea-rooms to special efforts in the entertainment of patrons. A period fashion display throughout last week crowded out one leading establishment, tables being booked days beforehand, and the display was a highly creditable and interesting outline of fashion from Elizabeth's time downward, and served to show the modern lady of fashion what she has escaped by choosing these days for her activities on this earth. Not to be outdone, a neighbouring store by means of a special stage provided dance and song items for guests. Truly as times become harder must greater effort be made. But one effect, I notice, of this has been to drive the mere man from the tea-room. Time

The happiness of love is in action; its test is what one is willing to do for others.—L. Wallace.

was when the business magnate spared half-an-hour for a cup of tea. Not now. Few men, indeed, will brave a room completely full of the fair sex intent on nought but fashion. I saw a few stray gallants turn and flee at sight of the packed tables.—Selina.

I WAS much interested in the article on "Pleasures of the Dictionary" in a recent issue. I see nothing comic in the title at all. I have spent many a pleasant hour with a good dictionary, especially during the vogue of the crossword puzzle. A reliable dictionary affords one many surprises. I knew a high school boy who frequently used the word "bunkum," to which his mother objected, saying it was slang. He made a bet, just for fun, that it was in the dictionary. He was more surprised than his mother when they found it and its rather amusing origin. Once I looked up the word "humble" to see if it was correct for the "h" to be pronounced or not, and was very interested to read on to the origin of the expression "eating humble pie," which originally meant eating pie made from the "umbles" or entrails of animals. One can see the connection between the old and the modern meaning. Speaking of "jawbreakers," the word "telegraphen-techniques" in yours of June 27, not bad. I will certainly secure a copy of your booklet on the "Growth of Words" and the spelling bee list.—Becky.

ARE YOU A SMOKER?

Thousands of smokers are to-day only half alive and don't know it! They find it hard to concentrate and easily fall a prey to disease that robs them of their vital powers—all as a result of the deadly effects of Nicotine Poisoning. Why continue to neglect your nerves and wreck your health, your greatest asset? Write to-day for wonderful FREE Book on the dangers of Tobacco. It will astonish you.

HOME WELFARE PTY.,
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IN this wintry weather soup is both necessary and popular, and can add much to the nutritive value of a meal.

The usual method of preparing stock is to allow one pint of water for every pound of meat and bones, and about a pint over for evaporation during cooking. This extra water may be added by degrees to prevent the stock boiling up too rapidly. Cut up raw meat and chop up the bones small, so that the juices may escape easily. The meat and bones should be left to soak in the cold water for an hour or so to draw the juices. Keep your lid off the saucepan until the stock reaches boiling point, then put the lid on and be careful it does not boil too rapidly; it should only simmer for at least three hours. Skim it well before it boils much. A teaspoon of salt added just before it boils makes the scum rise. Take care to remove the scum only and not the coagulated juices which rise, also in the form of a brown substance.

Soups are very appetising and most essential in cold weather, and should form part of children's midday meal. Mc soups are as good on the second day as on the day they are first served; but they must not be warmed up too quickly, or cooked too long after they get hot. Do not cover either cold stock or cold soup.

Celery Soup

ONE quart of white stock, 4 heads of celery, 2 spoonfuls of flour, 4 tablespoons of milk or cream; put 3 heads of celery into the stock, and boil till tender, strain off the soup, return to the saucepan, add the fourth head of celery, finely cut; simmer till tender; thicken with the flour, scald the milk or cream, and add to the soup; season to taste.

Oyster Soup

Ingredients: Two dozen oysters, 1 quart of stock, 2 tablespoons of rice flour, 1oz. of butter, 1 blade of mace, tablespoon of anchovy sauce, pepper and salt to taste.

COUNSEL for the COOK

By "ELECTRA"

Method: Put the strained oyster liquor into the stock, add the seasoning, and put all in a saucepan. When it boils add the rice flour mixed to a smooth paste with a little cold milk and the butter; boil and stir for ten minutes; then draw aside and add the oysters, but do not boil them; leave for 5 minutes, then add a little lemon juice and serve at once.

Coffee Sponge

Ingredients: One cup of flour, 3 eggs, $\frac{1}{4}$ -cup sugar, 2 tablespoons of coffee essence, 1 teaspoon baking powder.

Method: Beat eggs and sugar together, add coffee, then flour and

Her Fiance: I saw you kissing that idiot Higgs just now. Why on earth do you make a chap miserable by flirting like that? "Miserable?" Great Scott! He enjoyed every kiss!"

powder. Bake in meat tin. When cold, split with sharp knife and put in whipped cream, sweetened.

Fish Souffle

PUT a teaspoon of butter into a saucepan. When melted, stir in one tablespoon of flour; season with salt and pepper; have ready a teacupful of boiling milk, in which is a slice of onion; stir the milk into the flour and butter. When smooth, add to it a teacupful of finely-minced fish; when

well beaten, draw to the side and do not allow it to boil; add the yolks of 2 eggs. When cool, add the whipped whites; shape into a mould and bake in a hot oven for 20 minutes.

Pineapple Snow

Ingredients: One large tin pineapple, 3 whites of eggs, 1oz. gelatine, 8oz. castor sugar. Strain juice from pineapple, then rub through sieve to a pulp. Add pinch of salt to the eggs and beat stiff.

Method: Put into pulp and mix together; stir in sugar. Put gelatine in pan with $\frac{1}{2}$ -gill syrup, dissolve slowly; do not let boil. Strain into pineapple, etc.; stir until it begins to thicken, pour into a wet mould, leave till set. Dip in warm water to turn out.

Delicious Beans

SOAK $\frac{1}{2}$ lb. of butter beans over night in sufficient water to cover; next day add three-quarters of a pint of water and 3 good-sized onions; boil for 2 hours; just before dishing add one tablespoon of grated cheese, salt, and pepper to taste.

Treacle Sponge Pudding

BEAT together 2 tablespoons of sugar, $\frac{1}{2}$ -cupful of beef dripping, 1 tablespoon of treacle, 1 egg, $\frac{1}{2}$ -cup of milk, $\frac{1}{4}$ -cupful of flour, 1 teaspoon of sugar, $\frac{1}{2}$ -teaspoon of cinnamon and spice, a

"Another new hat! How do you induce your husband to pay for them?"
"Quite simple. I go and see him at the office wearing the old thing I made myself."

little nutmeg, and 1 good teaspoon of baking powder. Steam 3 hours and serve with sweet sauce.

Jerningtons

$\frac{1}{2}$ LB. of margarine, 6oz. sugar, 2 eggs, $\frac{1}{4}$ large cup flour, 1 teaspoon baking powder, pinch of salt. Beat margarine and sugar to a cream, add eggs, then flour and baking powder sifted with the salt. Bake half-hour in a fairly

hot oven. Icing: 1oz. of butter beaten into $\frac{1}{2}$ lb. icing sugar, 1 teaspoon of

Love is the emblem of eternity; it confounds all notion of time; effaces all memory of a beginning, all fear of an end.—Madame de Staël.

cocoa, and water to mix. Cut cakes into blocks, ice, and roll in cocoanut.

Apple Trifle

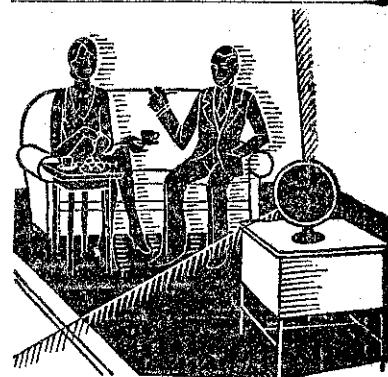
PUT some slices of stale sponge cake in a glass dish; cover with layer of stewed apples beaten to a pulp, then cover with layer of custard, and, lastly, whipped cream.

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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 27.

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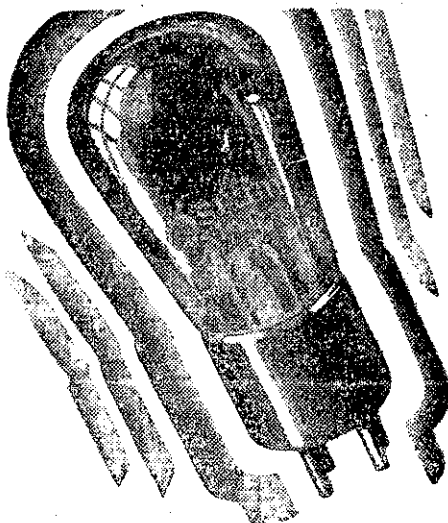
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Advertisement of the British General Electric Co. Ltd.
Branch Office and Public Showrooms: 31-37 Taranaki Street, Wellington E5

World Radio News

A PRIVATE code and wavelength is employed by the Ontario Provincial Police in their newly-established wireless network. District police stations throughout Ontario are now linked up by wireless with police headquarters in Toronto.

NEGOTIATIONS are in progress between the Indian Radio Company and the Indian Government with a view to establishing a wireless telephony service between India and Great Britain. It is reported that such a service would be operated in England by the stations engaged in the trans-Atlantic and Australian services.

THE provision of a mechanical military band for drilling and marching purposes is the latest task to be entrusted to the Radio Corporation of America. The entire "band" will be carried on a three-quarter ton truck, which will precede the marching column at a slow pace while radiating marching tunes from amplified gramophone records.

FOR the first time in American radio history a tax is to be levied on wireless receivers, South Carolina being the State to introduce this daring imposition. The tax amounts to fifty cents a year (about 2/-) on sets valued at fifty dollars, with proportionate increases according to value. It is reported that the proceeds are to be handed over to the hospitals.

NEW ZEALAND shortwave enthusiasts will be interested to learn that the postal administration in Morocco has ordered a 7 k.w. shortwave plant for the establishment of a regular telegraph and telephone service with France. According to an English contemporary, the French transmitter and receiver will be located at St. Assie and Villecresnes respectively.

A FRENCH experimenter has produced a special portable transmitter for attachment to motor-cars. Working on one wavelength only, its sole function is to communicate SOS messages to the police when accidents occur. It is not surprising to learn that the French Post Office authorities are opposing the idea on the ground that it would lead to too many transmissions.

THE nearest approach to radio warfare is a contest reported to be taking place between the Russian and Roumanian Governments. It appears that the Soviet has been broadcasting anti-Roumanian propaganda, and to counteract this the Roumanian Government has made preparations to "jam" the Russian station by means of a special interfering transmitter working on the same wavelength.

ACCORDING to the finding of the Leipzig Supreme Court, radio news is not copyright in Germany. This decision was given in an action brought against a newspaper proprietor who had published a special edition reporting the landing of the Graf Zeppelin at Lakehurst, U.S.A. It was claimed

that this report was taken directly from a broadcast commentary on the event.

A THREE months' transmitting license has been granted to a group of Washington engineers, who claim that they can eradicate bugs and other insects from apple orchards by means of low-frequency radio waves. In the tests now in progress, wireless waves are transmitted through the orchards every morning, the wavelength used being about 3000 metres, and the power, 10 kilowatts.

RADIO telegraphy is a State monopoly in Mexico. Owing to the vast expanses of land in the interior and the mountainous nature of the country, which makes the laying and maintaining of telegraph lines extremely difficult, the Government makes extensive use of wireless for the interior services. No fewer than 25 stations are employed to handle the commercial traffic, which has already attained the dimensions of over 22 million words per month.

ILLEGAL transmitters in Paris have a new risk to face in the shape of a secret wireless network recently established by the police. Three directional receiving stations have been erected outside the capital at points forming an equilateral triangle. Thus, when illegal transmissions are suspected, their exact source can be discovered without loss of time by means of cross-bearings. The ultimate "capture" is effected by policemen armed with directional portable sets.

A NEW system of television has been developed by Dr. Vladimir Zworykin, research engineer of the Westinghouse Electric and Manufacturing Company, New York. A cathode-ray tube is used as a receiver, and this gives the new type of television many advantages over the well-known scanning-disc method. The inventor is said to be in a position now to discuss the practical possibility of flashing the images on a motion-picture screen so that large audiences may receive television broadcasts of important events immediately after a film is printed.

IT is reported by the United States Navy Department's Bureau of Engineering that the use of shortwaves for transmission purposes between battle-ships is highly dangerous. The investigators discovered that they could light a 24-volt lamp by connecting it between the breech of a gun and the turret. They also found that the primer in the breech could be exploded by the generated current. As a result the naval authorities have prohibited the use of frequencies higher than 4000 k.c. during target practice or refuelling. If the investigators' fears are well-founded, surely the lack of accidents due to this unseen cause should convince them that the danger, though always present, is only slight. To prohibit shortwave transmissions on these grounds only certainly appears these grounds only, certainly appears molehill."