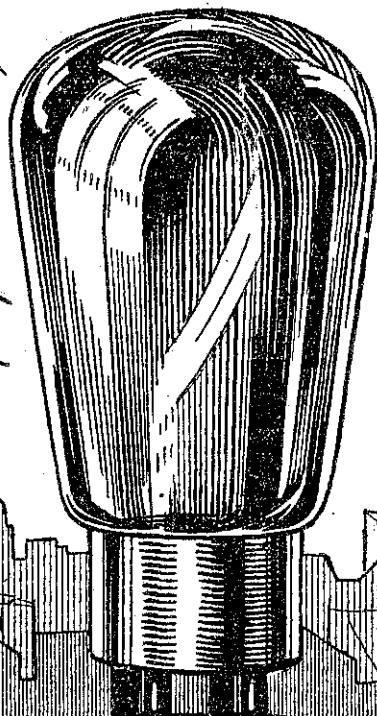


THE RADIO RECORD

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EXHIBITION
NUMBER**

**SPECIAL
EXHIBITION
NUMBER**



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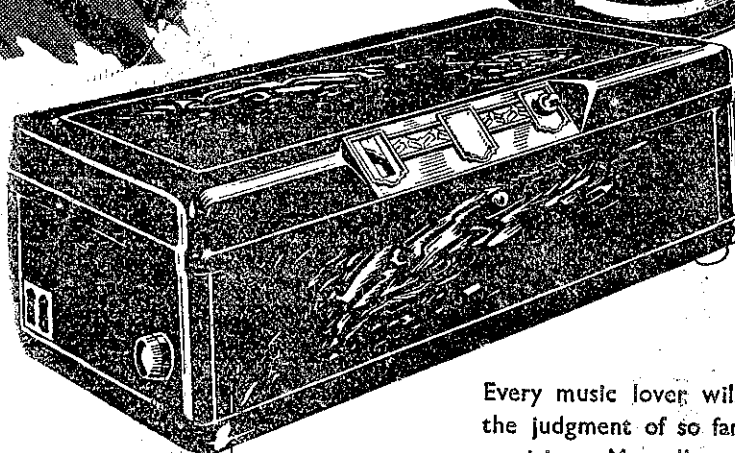
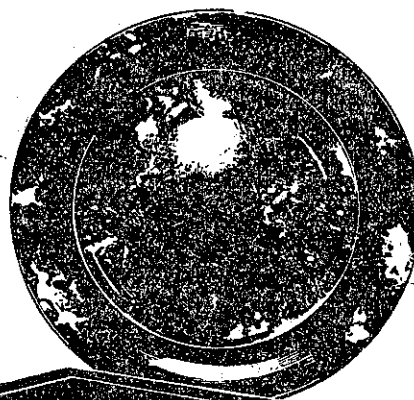
(signed)
Willem Mengelberg

The PETER PAN SPEAKER.

Specially designed to operate with the 2510. It combines the highest ideals of modern beauty and modern science. It gives you music and speech that pulsates with life.

Read what **MENGELBERG** says about the **2510**

See the name
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on every set



Every music lover will value the judgment of so famous a musician as Mengelberg. Those

who possess a 2510 Radioplayer will know how very true is Mengelberg's statement that each note of the orchestra is rendered in its true colouring. If true music and faithful reproduction mean anything to you follow Mengelberg's advice and hear Philips 2510 Radioplayer without delay.

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What is Wanted of New Zealand Broadcasting "A" Service for All Districts

LISTENERS are naturally curious about the Government's proposals in respect to broadcasting. It was in October last that the Hon. J. B. Donald, Postmaster-General, announced that it was the Government's intention not to renew the charter granted to the Radio Broadcasting Company, which expires at the end of this year. The Government had then no plans made and, so far as is known, Cabinet has not yet definitely formulated any. Speaking in the House, Mr. Donald stated that it was the intention of the Government to take over the technical side of broadcasting.

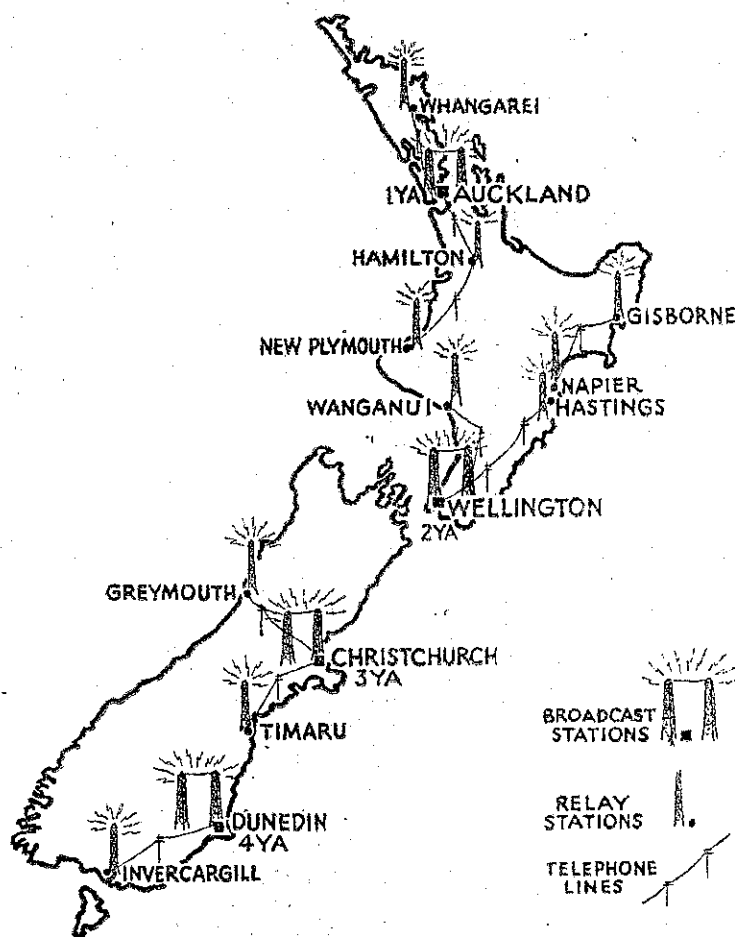
The Minister made it clear that, although the actual form of control of broadcasting had not been settled, it would not be responsible for the supply of programmes. Whether or not the form of control followed in Britain, or that followed in Australia would be adopted had not been decided upon and, as promised by the Minister, the matter will first be referred to Parliament before any action is taken. Parliament is to meet on June 25, and during the ensuing session the fate of broadcasting in New Zealand will be considered.

In outlining the Government's intentions in regard to the technical side, Mr. Donald put forward a scheme for the erection of subsidiary stations in the principal provincial centres. This scheme, it is worth while remarking, is much the same as that placed before the Government some two and a half years ago by the Broadcasting Company and shelved by Mr. Donald.

The scheme proposed by the Broadcasting Company has been elaborated upon, the Government's intentions, as announced by Mr. Donald, being to increase the power of 1YA, 3YA and 4YA and to erect 500-watt rebroadcasting stations at Gisborne, Napier, Hastings, Whangarei, New Plymouth, Wanganui, Hamilton, Timaru, Invercargill and Greymouth.

Since making the above pronouncement, the financial depression, augmented by the Hawke's Bay earthquake disaster, caused the Hon. Donald, in a further statement to say that his previously announced scheme would have to be modified. Listeners will, therefore, be keenly awaiting the proposals which will be finally laid before Parliament.

The Broadcasting Company's scheme submitted to the Government two and a half years ago for a series of relay stations located in the chief provincial towns of New Zealand, showed that the company



was fully alive to the technical requirements of a service. It realised the limitations of the present stations so far as giving A-grade reception outside the four main cities was concerned. Beyond a limited range of the station, perfect reception cannot be guaranteed, because of the effect of atmospheric conditions. The Broadcasting Company, by its network of relay stations, proposed to bring perfect reception within the range of the great majority of the people and thus do all in its power to enable listeners to enjoy radio to the fullest extent.

There are, of course, beyond the control of any broadcasting company, obstacles in the way of faithful reproduction which cannot be ignored. Many factors have to be taken into consideration. Everything does not depend upon the power and proximity of the stations and the quality of the transmission. The efficiency of the receiving sets—and there is a vast variety in use—plays a big part, and there are other sources of interference besides static which have to be taken into account.

Listeners are always prone to blame the broadcasting station for vagaries in reception, particularly if reception from a distant station happens to be good at the time. They do not realise the part that atmospheric conditions play in radio broadcasting. For instance, 2YA is often criticised by listeners who enjoy good reception in the time and bad reception at night. They invariably blame 2YA,

little realising that the transmission is identically the same day and night, and that it is the night atmospheric conditions which affect reception.

Within a certain range of a station, day and night conditions make no difference, and the Broadcasting Company's scheme of relay stations throughout New Zealand was intended to provide the great majority of the public with stations within such range that A-grade reception, day or night, could be guaranteed. There is no doubt that some such scheme is required in New Zealand (Contd. on A 12).

COMPANY'S PLAN for RELAY STATIONS OUTLINED

New and Mightier

Majestic

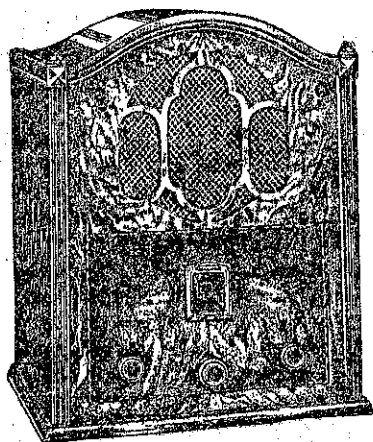
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There is a MAJESTIC Radio Dealer
in every town in New Zealand.

The Significance of the Poi

By SIR APIRANA NGATA

The poi, the Maori dance of welcome, is one of the most graceful of native dances. The gently swaying bodies of the performers, moving in time with the clicking poi balls, have a beauty and grace all of their own. The dance is a strong favourite with European audiences and never fails to please. Hence the appearance of a special party of poi dancers at the Wellington Radio Exhibition must be regarded as one of the attractions of the show. In the accompanying article Sir A. Ngata describes the two poi dances in a vivid and entertaining manner.

lips, and beaming great eyes, they keep their pois twirling and swaying with daintiest play of arm and wrist, and rhythmic swaying of bodies from side to side.

Sometimes the song speaks of welcome; sometimes it grows sad and slows down to a weird lament; now it quickens with a note of triumph, the maidens bow in salute to the visiting rangitiras. Anon it wanders gracefully over many appropriate themes. The whole effect is entrancing. The deliciously soft voices, the perfectly ordered motion, the bright colours of dress, and mat and piupiu, moving with brilliant beauty, together with the white kotuku feather against the dark hair, complete a singularly graceful and delicate example of the poetry of motion.

At length it comes to an end, like the finale of some admired composition, the approach of which gives the absorbed listener a pang of regret. As the pois flash overhead, the command rings out suddenly. The poetry and the motion cease at once. The flashing colours are still; the infinite variety of the faces give place to a settled gravity, and at the same

instant each poi ball glides down over the right breast of its owner, and is caught firmly in her left hand. Then the fluttering ranks bow once more to the knee, a long, steady, courteous salute. The single poi dance is over.

AS this group of dancers file off with dainty precision, there is disclosed a second group of dusky wahines, some dressed in the plain, light-coloured koroai, others in the kahu-kiwi, the sombre, yet valuable kiwi feather mat. They come lightly tripping into line, with three little maids in front to marshal and lead. And these they do right well, with little voices firmly raised in command—they are high-born damsels and command is natural to them.

The poi is picturesque, as graceful and beautiful as the first, but much more intricate and bewildering. It opens with a quick schottische measure that causes the poi balls to beat and spin and twirl with amazing rapidity.

Every now and then (*Concluded on page 8*).



AS the visitors halt, and stand at ease, expectant, the poi ranks bow to the knee, while the mass of warriors behind, with one stentorian shout, raise their spears and taiahas aloft, then sink crouching to the ground. As the vibrating sounds of the tuku die away, and the soft murmurs of welcome are hushed, the women advance in two ranks to dance the poi, their two leaders, both men, slightly ahead, one on each wing. The right leader opens with a chant, and ere he pauses to take breath, the left leader catches the measure, and so the song alternates, from right to left and back again. Between them the ranks, in perfect time, quickening as the measure hurries on, accompanied the song with the poi, the poi of which the Maoris sing:

*Taku aroha ki te rau o te poi
To putiputi pai e, piri ki te uma i ra!*

*How my heart longs for the poi leaf!
How beautiful a flower it is to grace
Thy breast, my love!*

The poi balls commence to spin, the deft hands twirling them, move up and down, sideways, backward and forward, hovering now over the shoulder, now over and across the knees, the whirling balls appearing to surround, as with a network of gossamer, the bodies of the dancers as they sway from side to side, lifting alternate feet and throwing one across gently forward with a lilting motion, giving the general effect of a waltz step.

The women are handsome and shapely; they wave with grace; they sing soft words of welcome with musical notes in exact accord of time, in a strangely attractive monotone. With flashing teeth and smiling



—Publicity Dept., photos.

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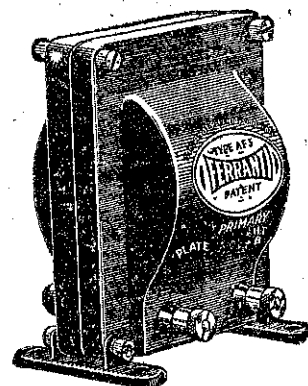
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WELLINGTON

What Will One Hundred Thousand Licenses Mean?

By

IN view of the remarkable growth of patronage that has taken place under the existing regime there is nothing surer than that within the very near future the number of licensed radio receiving sets in New Zealand will total 100,000. To assume that an average of five persons, young and old, will listen day in and day out to each of these receivers would be an extremely conservative estimate. At least 500,000 people, young and old, in constant touch with the magic of the microphone!

And what magic! What wondrous magic!

Out into the remotest parts of these beautiful isles it pours its rich abundance of music and mirth, wisdom and wit, flowing with impartiality into the homes of rich and poor, wheresoever their homes may be.

Inspiring?

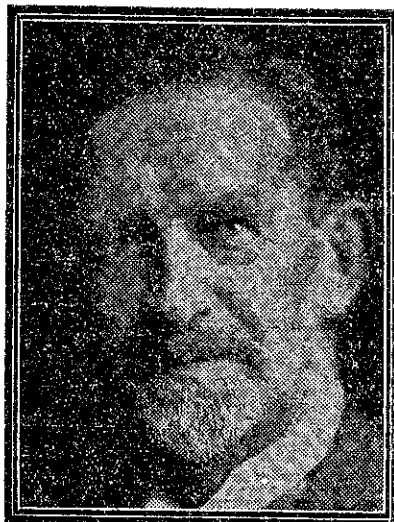
Yes, truly.

For here is the greatest potential influence for good or ill yet devised by human ingenuity. Science acknowledges the almost illimitable power of mental suggestion. Usually when we speak of this we have in mind the power of a suggestion made by one individual to another, as for instance, the suggestion of a doctor to his patient. But what of the power of *broadcast suggestion*, with its extraordinarily intimate contact with the minds of unseen thousands? Whether it be exercised through the medium of the spoken word, or through the influence of music, through direct exhortation or through melodious inspiration, the power of broadcast suggestion must inevitably be immense.

It cannot fail to affect the aesthetic standards and artistic tastes of the people. *It cannot be neutral.* It must be either beneficent or pernicious, helpful or harmful, desirable or detestable.

And so to those entrusted with its administration the broadcasting service is a tremendous responsibility. No other service has in so short a time come to mean so much to a great and Dominion-wide community of patrons. It is not too much to say that the broadcasting service of New Zealand is to-day universally recognised in its wider aspects, and by reason of its incalculable potentialities, as being of vital concern to the public at large. Happily, the foundations of this great service have been well and truly laid.

Profiting by the experience of other countries, the Government responsible for drafting what may be called New Zealand's broadcasting Constitution, determined, as a basic principle,



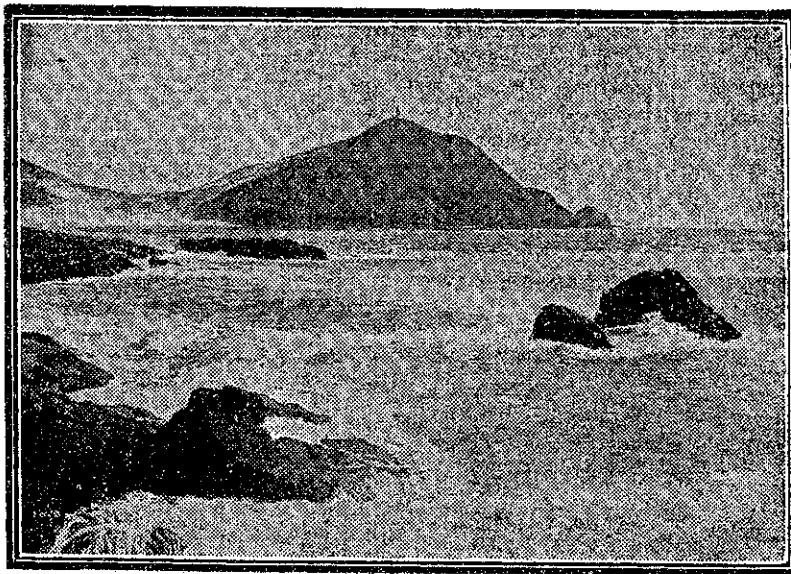
John Ball

that the service should be true to name, that it should be essentially a broadcasting service, for the dissemination of entertainment, information and instruction, and that to this end it should be wherever possible the ally of, but never a competitor with, pre-existing services; that it should be, for example, a broadcasting service, not an advertising agency, and that the interests of the licensed listeners should be the primary and dominating consideration of whoever might be responsible for the administration of the service.

As one whose very great privilege it has been to be associated somewhat intimately with the pioneering enterprise of New Zealand's broadcasting service, I do not hesitate to express my personal conviction that any departure from this basic principle would fatally imperil the ultimate development of an efficient nation-wide service such as I know has been from the outset the ideal of the directors and general manager of the Radio Broadcasting Company.

That the service that has been built up under this prudent policy has proved acceptable to all classes of the community is evidenced by the ever-increasing patronage which has made possible the visualisation as an assured consummation of a roll of one hundred thousand licensed listeners.

GIVEN the preservation of the conditions which now so thoroughly safeguard the interests of the listening public, it is not difficult to visualise the service which progressive development will have made available to one hundred thousand licensed listeners, and their families and friends.



"Out into the remotest parts of these beautiful isles. . . ."

The efficient chain of relay stations long since planned by the company will assure to every part of the Dominion the completely satisfactory reception of the broadcast programmes and the consequently unsullied enjoyment of perfect radio. Everywhere, in cities, towns, hamlets and far-flung country homes, this boon will be available, bringing solace to the suffering, comfort to the sorrowing, welcome company to the lonely, and the joy of uplifting entertainment, information and instruction to old and young.

Think of it! As you sit by your cosy firesides enjoying the music that comes to you out of the uncharted void, ponder the marvel of it!

The New Zealand Radio Record —AND— Home Journal

(Incorporating the "Canterbury Radio Journal.")

P.O. BOX. 1032, WELLINGTON.

Published Weekly. Price 3d. Subscription Post Free in advance, 12s. 6d. per annum: booked, 15s.

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

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

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

WELLINGTON, FRIDAY, JUNE 12, 1931.

DRIVE FOR 100,000 LICENSES.

REMARKS made recently by the Postmaster-General, the Hon. J.

B. Donald, as to his hope of achieving in the relatively near future a total of 100,000 licenses, and the inception this week of the Wellington Radio Exhibition with its display of efficient modern sets, makes it timely to launch a definite campaign for the enlargement of the radio circle. It may be some little time before the ultimate objective of 100,000 is reached, but if the boom which radio is enjoying at the present time is continued, that objective may be attained sooner than expected. The broadcasting service has made remarkable strides. Year by year, without exception, the number of licenses has expanded, and with the improvement in sets and the standard of transmission, there is not now, as in earlier years, so big a loss of listeners at the end of the financial year. The modern set, once installed, makes it true to say, "Once a listener, always a listener."

IN recent years two outstanding developments have characterised radio, and two more loom in the near future. The outstanding developments from which we now derive benefit are: First, the perfection of electrical gramophone recordings, and accompanying efficiency in radio transmission. The second is the attainment of measurable efficiency in recording actual overseas broadcast programmes for re-transmission in these parts. Both of these developments have contributed in recent months to the expanding popularity of radio. It is interesting to recall in this connection that several years back, when gramophone records were transmitted from the YA stations, listeners were inclined to complain. To-day the complaint is reversed. Listeners in general would almost prefer high-class overseas recording from world artists to an undue preponderance of local talent.

THE major developments expected in the future are: First, the transmission from the heart of the Empire of short-wave broadcast descriptions of outstanding events, their reception here in New Zealand, and immediate re-broadcast, or, in order to secure a wider audience, the recording of them for re-presentation at a time more suitable to

New Zealand listeners. This possibility is by no means imaginary, and will be a practical attainment, we predict, in the next few years. The other development which also lies within the immediate lap of the future is television on a practical basis. Cablegrams during the week recorded that a number of British listeners saw the running of the classical Derby through Baird's television apparatus and an experimental transmission by the British Broadcasting Corporation. Practical success was attained, thus bringing the attainment of Baird's ideal to pass in a period shorter than was imagined would be required.

PAST achievements and present prospects, therefore, add a glamour to radio which should make the attainment of New Zealand's goal of 100,000 licenses relatively easy. Sets are now being sold on the local market equipped for the addition of television apparatus. The number of short-wave enthusiasts, eager to tap overseas transmissions, is steadily expanding. As technical efficiency grows, the ordinary listener will be enabled, by adequate recordings, to enjoy direct contact with world events with his present apparatus. The exhibition, fostered by the Wellington radio trade this week, will give the general public a glowing opportunity of visualising the possibilities of radio. That exhibition, it can safely be predicted, will be successful, in view of the special organisation concentrated upon its presentation. With the initial impulse thus given, and spread throughout the whole country by reason of both the times and the perfection of radio apparatus, it is likely that the goal held as a common objective by the Postmaster-General and the Radio Broadcasting Company, which has pioneered the present service to its current standard, will be speedily attained.

Television View of the Derby

Successful Experiment Work in Britain

TO technical radio enthusiasts the most interesting cablegram of the week was the news that the running of the Derby was witnessed throughout Britain by a number of radio enthusiasts by means of Baird television apparatus. This consummates a long period of experimental work by Baird. It will be remembered that in the early stages of his work Baird encountered many difficulties, and had to invoke the support of much publicity in order to induce the authorities of the British Broadcasting Corporation to grant him the facilities for experimental transmission and reception. Throughout the last year, after certain initial successes had been secured, the work appeared to drop into the background; but it is now apparent from the results attained that the interval has been devoted to the perfecting of the apparatus in use.

Congratulations of the heartiest nature will shower upon J. L. Baird from all over the world, and this practical demonstration of the possibilities of the future will concentrate public interest upon the radio field.

IYA Essay Competition

The prize-winners in the various grades were:—

Winning Entries

ON Thursday, June 18, the IYA children's session will be in the nature of a zoological night, when his Worship the Mayor of Auckland, on behalf of the Auckland Zoological Society, will present the prizes won in the recent essay competition. The two winning essays will be read.

Standard VI Grade.—First, Nelson Sotham, Vauxhill Public School, Devonport; second, Leila Gray, Kowhai Junior High School.

Standard V Grade.—First, Lorraine Hamill, Marist Convent School, Trinity Street, Herne Bay; second, Patty Lynes, St. Joseph's School, Takapuna.

Standard IV Grade.—First, Jack Kniverton, Marist Mission School, Mt. Albert; second, Joyce Gibson, Westmere Public School.

WHY?

Kingsford Smith uses Burgess Batteries. Commander Byrd uses Burgess. More Burgess Batteries are sold in New Zealand than any other make. Why?

BURGESS RADIO BATTERIES

Special Children's Session

From Radio Exhibition

THE Children's Hour, conducted from the Radio Exhibition, Town Hall, Wellington, on Saturday next, will include the Toy Symphony Band, chorus and orchestral items by the Rongotai College Boys, chorus works by the Kilmirnie Convent, Aunt Daisy and her Cheerful Chirpers, Mrs. Mildred Kenney's Ukulele and Steel Guitar Band, Scouts with band and haka, clog dance, duo pianoforte item, Spot and all the Uncles.

New Zealand Dance Tune

A NEW dance tune, the words of which have been written in Wellington and the music in Christchurch, will be broadcast from 2YA on Friday, June 19.

The writer is Claude Douglas and the composer Professor Oddone Savini, conductor of the Christchurch Orchestral Society.

It was through the instrumentality of Signor A. P. Truda, to whom the verses were shown, that the words were set to music. Signor Truda forwarded them on to his friend, Professor Savini, who duly returned them in the form of a song, music and words complete, with appropriate cover design—all admirably written and drawn. Professor Savini then orchestrated it for presentation as a song with harmonised vocal accompaniment, and in this form it is to be presented at 2YA by the Orchestra as the opening number on Friday, June 19. The vocalist will be Mrs. A. P. Truda.

Listeners will find that the music is particularly good. The words of the song go with a fine swing and read as follows:—

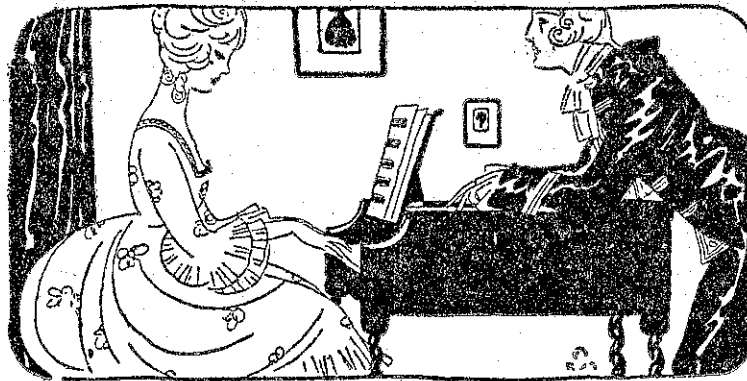
When toilsome day gives place to night,
And stars dance in the blue,
Let men and maidens seek delight,
And gladsome pleasures sue;
Turn on the lights, make music sweet;
Come, drive dull care away,
And through the hours on nimble feet,
In dance ecstatic sway.
Turn on the lights, make music sweet,
Come, drive dull care away!

Chorus:

Twirly-whirly, whirly-twirly, boy and girlie twirl;
Keep on dancing, merrily dancing, swirl and swirl and swirl.
One step, two step, three and four,
Keep on doing it, have some more;
Twirly-whirly, whirly-twirly, boy and girlie twirl;
Keep on dancing, merrily dancing, swirl and swirl and swirl—
One step, two step, step it all,
Don't stop stepping till they stop the ball.

In happy night forget the day;
Bid fretful troubles cease;
With sets tuned in to 2YA
Come dance with minds at peace.
So partners all, heed Radio's call,
Be joyful while you may,
For not one gladsome hour need pass,
Dancing to 2YA.
So partners all, heed Radio's call,
Be joyful while you may.

The Melodious Quartet in Excerpts from the Comic Opera



DOROTHY

by Alfred Cellier

3YA, FRIDAY, AT 8 P.M.

Including—

"Lads and Lassies," "With Such a Dainty Maid," "With a Welcome for All," "Under the Pump," "Tho' Born a Man of High Degree," "Queen of My Heart."

Educational Broadcasts

Forthcoming Lectures

JUNE, 1931.

June 16.—Mr. T. A. Fletcher, Editor, School Journal: "A Trip on a Glacier." (A map of the South Island should be available for reference.)

Mr. E. Douglas Tayler: "Folk-song, continued." — Humorous Songs." Songs to be sung by the children, "The Great Meat Pie." page 10.

Mr. W. J. Mountjoy, B.A., Lyall Bay School, "The Speaking of Poetry."

June 23.—Mr. H. W. Hesse, Supervisor of Agriculture, Wellington Education Board: Gorse—a nature study lesson. For this lesson the pupils should bring flowers of gorse or broom. They should, if possible, have pods and seeds of clovers, beans, or other legumes, for comparison. Pencils and paper should be handy to make brief notes.

Mr. E. Douglas Tayler, "Folk-song, continued—Nursery Rhymes and Singing Games." Songs to be sung by children, "The Outlaws" and "The Great Meat Pie."

Miss A. R. Paterson, M.A., Lecturer, Wellington Training College:

"The Land of the Blue Flower." This is also a nature study lesson. June 30.—Dr. Ada Paterson, Director, School Hygiene Division, "Conquering Disease."

Mr. E. Douglas Tayler: "Folk Song, continued—Working Songs and Sea-Shanties." Song to be sung by children, "Boney Was a Warrior," Page 7.

Mr. P. J. O'Regan, Barrister: "The League of Nations."

Radio Popular in U.S.A.

THERE are 13,478,000 listeners in the United States, according to the latest return issued by the United States Board of Trade. A notable feature of the return is that the number of radio sets is proportional to the number of motor-cars. The States of New York, California, and Illinois show the largest number of receivers, while Nevada comes last with the smallest number.

Children's Sessions

FROM 2YA.

Monday, June 15.—Uncle Jeff with his adventure stories, riddles, and puzzles to-night. Miss Edwards will also be there with a band of performers from Kelburn, who will sing and play.

Tuesday.—We are to have the pleasure of Mr. Claude Sander, with his dancing and singing pupils. Uncle Toby and Jumbo will be here to tell stories, and entertain with riddles, games, and birthday greetings.

Wednesday.—Have you read "Treasure Island"? Well, to-night, Aunt Daisy will tell you a little bit about the writer of that book, Robert Louis Stevenson. Birthdays and letters as usual, and choruses by the Cheerful Chirpers.

Thursday.—Here is Cousin Vermont again with his wonderful animal and bird imitations, and Uncle George and Big Brother Jack will tell animal and bird stories. Miss Lottie Rastall will bring a "Teddy Bear" and a "Little Cock Sparrow" for you to hear.

Friday.—Tweedledum and Tweedledee will conduct a journey to Fairyland to-night. Mr. Norman Izett will be present. There will be many fairy songs for all to listen to.

Saturday.—Cousins Evelyn and Roma are to act to-night a scene from the "Through the Looking Glass." Aunt Milly, Uncle Jasper, and Spot will send you birthday greetings.

Sunday.—The Children's Choir from the Kilmirnie Presbyterian Church will help with the service, which will be conducted by Uncle George.

FROM 3YA.

Monday, June 15.—Cousins Margot and Gwen will entertain with music and stories, and a new uncle—Uncle Hal—will have something to say to all.

Wednesday.—I wonder what Mr. Elephant is doing to-day? Cousin Beatrice will tell you. Uncle John has a number of stories for the children. Tiny pupils from the Fendalton Kindergarten, under the direction of Miss D. Leversedge, will sing and recite.

Thursday.—The Thursday Three—Ladybird, Uncle Frank, and Uncle Dick—will say "Hello!" to you all. Listen-in and you may hear an Uncle from 2YA, too! Margery and Victor will sing.

Friday.—Chuckie has lots of fun in store for to-night. Even Mr. Scrogins will not be forgotten. Ella, Dorothy, Kathleen, and Wilfred will entertain also.

Saturday.—Do you all remember Uncle Claude's fairy glade party? Well, the fairies are all again visiting 3YA to-night, for they enjoyed themselves so much on their last visit. Of course, the birthdays are very important on Saturdays—there are so many parties.



Pulmonas

PASTILLES

for
COUGHS and COLDS

Poi Dancing

(Continued from page 3.)

the ranks, which stand slightly extended, two deep, wheel by sections to the right, forming fours, to the accompaniment of the plaintive ditties and the weird notes of the flute or kōhau. Then one realises in a flash the ingenuity of the colour arrangement, dark and white. As the poi faces the visitors, two deep, white alternates with black; as they form fours, white and black are grouped in sections, apart, and on returning to line the two colours come together again with powerful effect. The whole is set off by the solid background of the crouching warriors, with spears aslant, dug lightly into the earth.

Presently the accompanying music seems to glide into a seductive waltz. And was there ever a stranger dance set to music than this? Before the second bar is reached there is a change in the ranks, which are now in quincunx formation, the white in front, the black in the rear, showing between.

The rhythm having changed, the motion is subdued to a slow gliding swing, the faces of the dancers half turned to the right, in their hands they now grasp two pois, one in each hand, and with these they bewitch all who gaze upon them. One whirls in a half-circle from shoulder to head, while the other sinks from head to breast to linger a brief moment ere both flash upward and circle down to meet at the knee.

With bodies swaying forward, the dancers step lightly and bring the pois

up, merrily playing round each other until level with the breast, then, with a half-turn the right poi glances upward and touches the next dancer on the shoulder, while the left poi lingers



SIR APIRANA NGATA,
Politician and Maori scholar, whose article on Poi Dances is reproduced herewith.
—S. P. Andrew, photo.

twirling at an angle to the left of the head.

And ever the black and white change places, mingle or draw up into one long rank of alternating light and shade, or wheel to right or left in fours, to no other command than the unwearying strains of the quaint Maori music and song. At length it ceases. The poi

rests under the armpits of the dancers, who stand with folded arms, and bow, while the long-pent-up sigh of the enchanted spectators bursts into a loud clamour of applause.

THE old Maoris say that the poi dances of their time were even more effective, the strings used with the poi balls being far longer, some six feet, and extending the picturesque gossamer effect of the twirling balls, the dancers being necessarily in extended order and the display more imposing. The old dance was slower and allowed more time for the display of grace and the elaboration of gesture.

The ostensible object of the poi from the first was to give graceful welcome to strangers (manuhiri), visiting tribes, kino rangatiras, and other persons of distinction. But gradually there grew up another object, which was to attract the fighting men from other tribes, and invariably the best chosen dancers and the best ordered pois kept the ranks of the tanas up to their full strength. To-day, of course, these pois are no more than what they were originally intended to be, the women's portion of the ceremonial welcome of a hospitable, artistic, and punctilious people.

Lifeboats with Radio

WHEN the recently-launched American liners President Hoover and President Coolidge take to the seas for their regular sailings they will be equipped with lifeboats containing radio sets tuned to the S.O.S. wave length of 600 metres, with sending keys that automatically produce the distress call

Difficult Engineering Feat

Accomplished by Radio

BROADCASTING recently played a vital part in the successful completion of a great engineering task at Cape Town, South Africa. In connection with a new sewerage system, a steel pipe, 1800 feet in length, had to be floated out to sea and sunk into position.

The men at positions all along the pipe had to work in perfect unison, and the engineers in charge of the winding gear on the shore had to be in instantaneous contact with the men at the sea end of the pipe, a third of a mile away. The local broadcasting station came to their assistance and a microphone was erected on the water's edge, where the chief engineer took up his position. All orders from him were broadcast, and were picked up on portable wireless sets carried by each boat engaged in launching and sinking the pipe-line.

Perfect contact was maintained, and the pipe-line was successfully launched, sunk, and cemented to the sea bed. The engineer-in-charge stated that he did not like to think of attempting the venture without wireless aid. Every listener in South Africa was able to hear the engineer's commands, and a running commentary by the local announcer. Needless to say, there was no swearing at workmen.

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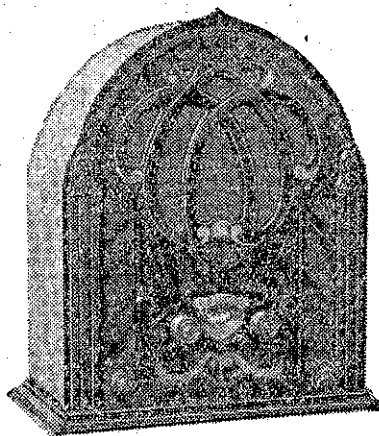
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A Small But Renowned Station

2YB New Plymouth, originally intended to be the first of a Chain of Relay Stations, carries on by Voluntary Support for Two Years

A LITTLE over two years have passed since the opening of station 2YB, New Plymouth, and during this time the 100-watt Taranaki station has been performing sterling service. It has, in these two years, become a decided asset to the province, and its programmes, which are all supplied on a voluntary basis, have been of an exceptionally high standard.

The need of a station in Taranaki arose because of the peculiar screening effect of Mt. Egmont. It was found that in certain parts of the district, 2YA could not be received with any degree of certainty and the other YA stations were too distant to provide first-class service. Representatives of the North Taranaki Radio Society approached the Broadcasting Company to see what could be done in the matter. When the idea of a relay (as it was then intended) station was suggested, it was not adversely met and the Company decided to use parts from the other stations and assemble a 50-watt plant. The work was carried out in Christchurch under the direction of the chief engineer of the Company. Preliminary test showed that it was a beautifully-toned station with a wide range. Some of these test transmissions were received in New Plymouth. In addition to the plant, the Company agreed to make a small annual grant and pay for the services of one operator who was to be found by the Society.

The plant, on its way from Christchurch to New Plymouth, was installed in Wellington and transmitted the 2YA programmes simultaneously with the larger station. Further favourable comment was passed on the tone, and many declared that it was superior to that of 2YA. This, of course, was due to the fact that at that time few sets were able to deal effectively with the large output of the 500-watt station. Like 2YA, the station was not well received in the Taranaki district; in fact the transmissions from Christchurch came in much better. The official opening was set down for April 27, 1929.

AT this ceremony were present many New Plymouth citizens who are still identified with the station, including Mr. Ed. Payne, then president and now vice-president, and Mr. H. Morey, official pianist, who still acts in that capacity.

But auspicious as this occasion was for the Taranaki district, it was still more so for the whole country, for Mr. Ball, on behalf of the Company, outlined the system whereby it was hoped to provide "A" class service for all districts, and this was to be accomplished by means of conveniently-placed relay stations. Mr. Ball stressed the point that the opening of 2YB, although of momentous importance, was only a

temporary measure and it was hoped that in a short time it would be absorbed in the new and comprehensive plan that was then being placed before the Government. In conclusion, he wished the society well, remarking that so long as it remained an active unit in the provision of programmes, so long may it enjoy unbroken reign of popularity and prosperity.

Mr. Payne, in replying, stated that he felt it was a big venture, but that in seeking to run a volunteer service he would have the fullest co-operation of the province. In preliminary tests, the station had been well received in Dargaville and Christchurch. The actual opening ceremony was performed by the Mayor, Mr. H. V. Griffiths, and Mr. S. G. Smith represented the Postmaster-General.

Just how events have gone since then is common knowledge.

THE proposal for relay stations was rejected by the Government, and 2YB was left to look to its own destiny and could not be absorbed into the system of relay stations outlined by Mr. Ball. A restatement of that plan in detail appears elsewhere.

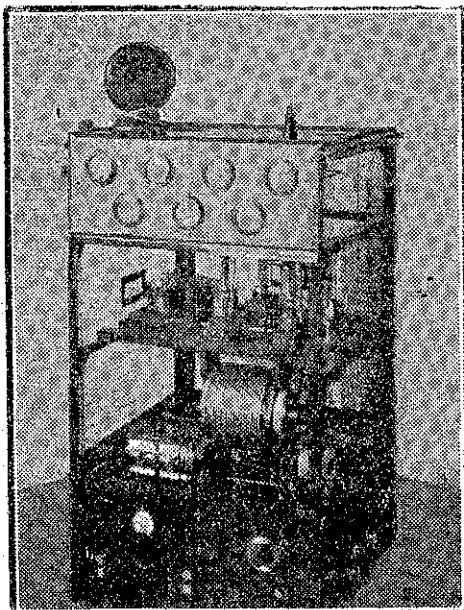
For twelve months the station operated well, and programmes of exceptionally high merit were broadcast. But evil days fell upon the society, and at the end of the year its

finances were in precarious position. It was necessary for them to remove the station from Collier's Buildings to another site where the rent would have to be paid. At the time they had 160 members, but unless others were forthcoming the station would have to go off the air. At a very largely-attended meeting of citizens, it was decided that under no circumstances must this popular station close down. Its finances were assured for a further twelve months, and the station was shifted into the Empire Buildings and refurnished.

Here it commenced upon a further year of service, this time with Mr. F. Davis as president and Mr. Payne as vice-president. Just how well it has succeeded is known from Auckland to the Bluff. A station, run almost entirely by volunteer service, has to face difficulties of which a normal broadcasting station knows nothing. Three and four times a week this station has gone on the air and provided a programme that is indeed a credit to its organisers. They have had the support of local artists, and concert parties have come from Stratford, Inglewood, Hawera and other outlying towns and districts. The Maoris have readily responded to invitations and have broadcast some excellent fare. There have been relays from ships in the harbour, from the mountain-side and from the various parks. They have broadcast commentaries of important sports events, and in this respect have had the fullest co-operation of sports bodies. The amount of novelty introduced is commendable. So realistic have been some of the stunts that listeners have communicated with the studio asking "if the man who fell overboard was injured" and "if the collision between the boats was very serious."

The children's session calls for special comment. It is arranged as a miniature entertainment for young and old, and a very high standard is set. There are birthday greetings presented in novel and interesting manner, stories, recitations and songs. Juvenile performers have been as ready to assist in these programmes as have the adults in the evening and other sessions.

Thus 2YB has carried on against difficulties and provided a service of very real value to the province. They have kept going for two years in the face of odds, in spite of the fact that they were started off as a temporary expedient only. Their financial year is now almost concluded and again the Society must rely on the support of the district if 2YB is to remain on the air until at least the end of the year, when some national settlement will, it is to be hoped, be arrived upon. It behoves the citizens of Taranaki to rally round and support their station for just a little while longer. Even though the period might be short, there is no possibility of the station continuing unless support is readily forthcoming.



The transmitting plant of 2YB, New Plymouth. At first of 50 watts power, it now is rated at 100 watts output. It has been received well in Australia.

IN the current issue of the "Radio Record" I note a letter complaining about another "howler"—another also condemning our "canned" programmes—and recently also a further questioning the extra hours of transmission from 2YA. Well, I suppose each writer of these letters was rightfully indignant when he wrote it, but really they have little enough to grouse about. How about a large number of people who live in areas where reception of any of the YA stations is almost impossible? Quite recently I moved over to Hastings from Wanganui (a place where reception of 2YA at least is good, day or night), and naturally I brought a radio set over here with me. Well, whereas in Wanganui it was a delight to have in the house, over here it is the cause of a considerable amount of subdued "kerosene" language. On three nights of the week at least it is just an ornament or a piece of lumber; on the remaining four nights it fulfils the duties for which it was intended, the reason being the two excellent little so-called B stations, 2ZI and 2ZL, each of which puts over a good programme two nights weekly.

Now, note this: I pay them no 30/- per year for the entertainment, but I am unwillingly obliged to pay that sum to the Radio Broadcasting Company. To what purpose? 1YA, 2YA, 3YA, and 4YA are not available for five consecutive minutes. 2YA, the "super station," is not a bit better than 3YA or 4YA. Well, the R.B. Company cannot

Improvements to the Broadcasting System

SUGGESTIONS FROM A CORRESPONDENT

be blamed for conditions over which they have no control, but why, oh why, in the name of all that is fair and reasonable, can they not leave extra hours, and such like questionable "improvements," alone, and put in a few 50-watt stations in the areas where the bigger stations cannot and do not serve say Napier, Dannevirke, Taihape, and all other areas where they now collect revenue very unfairly, and seemingly spend it just as unfairly, by increasing hours of transmission from a station which benefits only those listeners who are in a "good" area. We all want to see the license figures go up to the 100,000 mark. Well, I guess the quickest way to put them there is to provide a service to all the country, seeing that all the country has to pay for what service we get. Why should people located in certain areas have to provide a 12-hour service for some when they get no service at all themselves, excepting that which is given free and gratis by certain firms,

who have the bill to foot for erecting these stations, running them and providing a really efficient service, and who do not receive a penny piece from the 30/- the listener pays for radio service. It certainly is not fair at all.

Perhaps the Radio Broadcasting Company could be induced to publish in the "Radio Record" a map showing the effective reliable range of each of the four YA stations? By reliable I mean a service where a set, up-to-date and modern within reason, working on an averagely good aerial can be tuned in to its nearest station, and let alone for the rest of the evening and yet still supply a programme clear, undistorted, free from fading (to any severe extent). Were such a map prepared, I think it would have to show a pretty large area where reception was not up to the above standard, so why not cut out the extra hours and give the greater majority some return for their money.

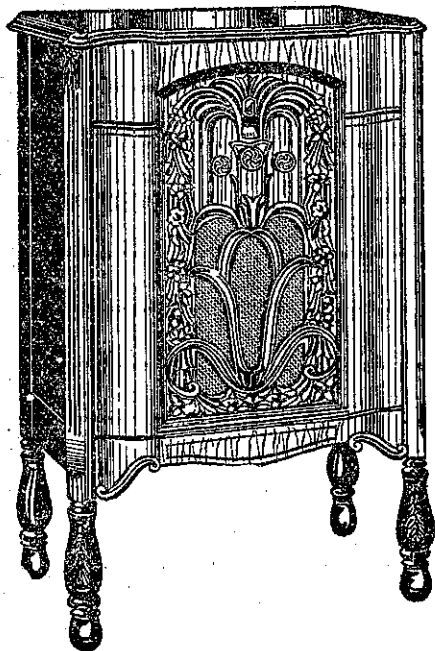
Regarding American programmes, some are excellent, some rubbish, and the percentage of each is little different from that of our own artists' attempts—some first-class, some very third-rate "twang"? "Oh, gee—sure!" Well, I "guess" is is not any worse to listen to than some of the attempts made, usually by female artists, to imitate the "Oxford bleat"—the phrase is not mine, but is very apt—which is not even genuine, but merely affectation—a point one of the Aunt's at the children's sessions could well take to heart when she says, "Good-nate, kiddies, good-nate"—at least it sounds like that, and to quote a "Yankee" advertisement, my set hasn't got "adenoids"!

Thanking you for kindly allowing me so much space, and trusting that you will give this matter some little attention, realising that I have the interests of "Radio for all" in mind, and an earnest desire to see the license figures reach 100,000, and "Radio" fill the place that sooner it must in our national life.—I remain, yours truly, W. Vinten (Hastings).

[The attention of our correspondent is directed to an article elsewhere, detailing a system proposed by the R.B.C. to provide relay stations in districts away from the A stations.—Ed.]

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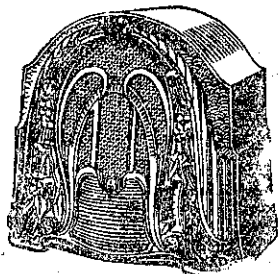
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Wellington's Third Radio Exhibition

Maori Entertainers To Be Present



HERE is much to be seen at this, the third Radio Exhibition, that has been held in the capital city. It will be remembered that the first Wellington Exhibition and the second New Zealand Exhibition was organised by the "Radio Record" and held in the Wellington Town Hall, in July, 1929. Its undoubted success impressed both the radio trade and the public, and it was clear that similar exhibitions could well be arranged annually, at least in Wellington. The following year the show was organised by the dealers, who achieved equal success. This exhibition was notable because of the attendance of the Wanganui Maori party, a combination which was declared to be one of the best that had visited Wellington. A Maori setting was adopted for the whole show, the stands being decorated in approved Maori style, with New Zealand scenery in the backgrounds.

This year a similar note will be struck, and both stands and stage will be effectively decorated. A Maori party from Otaki, far renowned as entertainers, will provide the evening entertainment, whilst visitors will also have the opportunity of hearing the transmissions from the studio reproduced by the receivers in the hall. The second part of each evening's broadcast entertainment will be from the studio, though the Maoris will still entertain at the Town Hall.

As far as the exhibits are concerned, there will again be the variety that has been the feature of previous shows. There will be midgets and midget superheterodynes, small and large sets, gramophone and short wave combinations, battery sets, and parts.

Probably most in evidence will be the midget set, in all its varied forms. The popularity of this set has been almost instantaneous, for at this time last year there were not more than two or three makes; but this year almost every stand will boast of one or two of them. The latest achievement of radio engineers in this direction has been the application of the superheterodyne principle to the mantel set, and the result has been a compact but remarkably efficient set. Of these we know definitely that Radiola, Atwater Kent, Silver Marshall and Majestic will be displaying examples. As triumphs of

engineering they are well worth inspection; as an investment for radio reception they call for serious attention.

There will be many other midgets, some, e.g., the Crosley models offered for sale for less than £20. This is in sharp contrast with the exhibitions of a couple of years back, when the complaint was made that there was nothing for sale under £50.

Small sets are no doubt the vogue, for not only are the mantel sets demanding a great deal of attention, but there are the smaller sets, such as the Philips and the Radiola 45E, both employing four valves. In common, these sets employ two screen-grid valves, but the former also employs the pentode, a valve with rather remarkable capabilities. The latest Philips set, 2811, is a de luxe combination using a 400-volt pentode. The average American set employs the 245 power valve, which requires 240 volts. Talking of small sets, one must not omit to mention the Gulbransen Minuet, a large set in a small compass.

TWO or three of the sets exhibited, e.g., Majestic and Radiola Midget, employ the new "variable mu." valve, an entirely new development, which is claimed to be far ahead of anything of its kind. It will be interesting to hear sets equipped with these valves in operation, though it must be conceded that the attendants will have little opportunity of demonstrating the capabilities

this connection, it might be remarked that at the exhibition, the Gulbransen combination is to be seen. This employs the superheterodyne principle, but the ordinary method of connection is used in the Ultimate which will be shown on Nimmo's stand. It not infrequently happens that short and long wave sets and gramophone are combined in the one set.

some of these should prove of great interest to the radio constructor. Harringtons are showing Pilot products.

A FORECAST of the show would not be complete without comment on the activities of the amateur transmitters or "hams," as they are called. As in previous years, they will transmit messages from the exhibition building. Literally thousands of messages have been sent from the exhibitions all over the world by amateur hook-ups.

On Saturday night presentations will be made to the three amateurs who distinguished themselves in the Hawke's Bay Earthquake. No doubt their names are still fresh in the memories of listeners: Mr. J. E. Taylor, of Napier (2GE), Mr. Mills, of Hastings (2BE), and Mr. Hands, of Gisborne (2FF). The presentation will be made by the local hams, on behalf of the Society of Amateur Transmitters.

From all angles, then, it would seem that the Wellington show will be most attractive, not only to those who are interested solely in entertainment, but also to those who are interested in the technique of radio. Remember the dates, Wednesday, Thursday, Friday and Saturday of this week, and do not fail to pay at least one visit to Wellington's third Radio Exhibition.

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1. Amateur Transmitters.
2. Abel Smeetons (Crossley).
- 3 and 4. Hope Gibbons (Stewart Warner).
- 5 and 6. C. and A. Odlin (Atwater Kent).
7. Pinny's (Majestic).
8. Harrington's (Pilot).
9. H. W. Clarke (Gulbransen).
10. Ballinger's (Silver Marshall).
11. Nimmo (Ultimate & Radiola).
12. A.W.A. (Radiola).
- 13 & 14. Philips Lamps.
15. Crawford & Finlayson (Lyra-tone).
16. J. Turner (Airline).
17. Radio Record.

owing to restrictions imposed by the situation of the building.

MUCH entertainment is now being broadcast on short wave. It is not to be wondered at that the new sets cater for this aspect of radio. Several manufacturers are turning out converters to be placed before the ordinary sets to adapt them for short wave work, and in

Otaki Maori Party

Personnel of Company

Women:

Mrs. H. te Hana (Chaperon and Poi Leader); Mrs. H. Roiri (Soloist); Miss Greenell (Mrs. H. Wereta) (Soloist); Miss Weno Tahivi (Soloist)

Poi Girls:

Henerieta Kerei, Kahu Ranapiri, Taihanga Hakaraia, Amokura Kiriona, Hohepine Hamahona, Taka Ropata, Riria Warahi, Rangi Kemara.

Men:

Hoani Wereta (Musical Director), Honare Tahivi (Soloist), Tewiata Nikora (Soloist), Wiperahama Nikora, Arohanui Kiripeti (Instrumentalist), Hanea te Hana (Instrumentalist), Hemi Rikihana (Violinist), Mita Honatana, Pirika Hakaraia, Pita Awatere, Papi Nikora.

Examples of this are to be seen in the Ultimate and the Gulbransen.

The radio constructor will be interested in the display of parts, for it is understood that Ballingers and Harringtons will be showing some of the newer components. Ballingers will be specialising in Silver Marshall products, and

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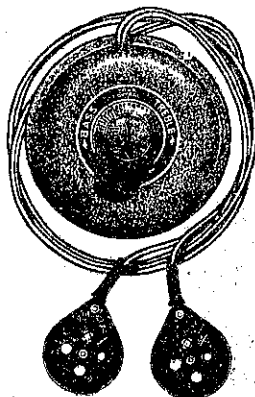
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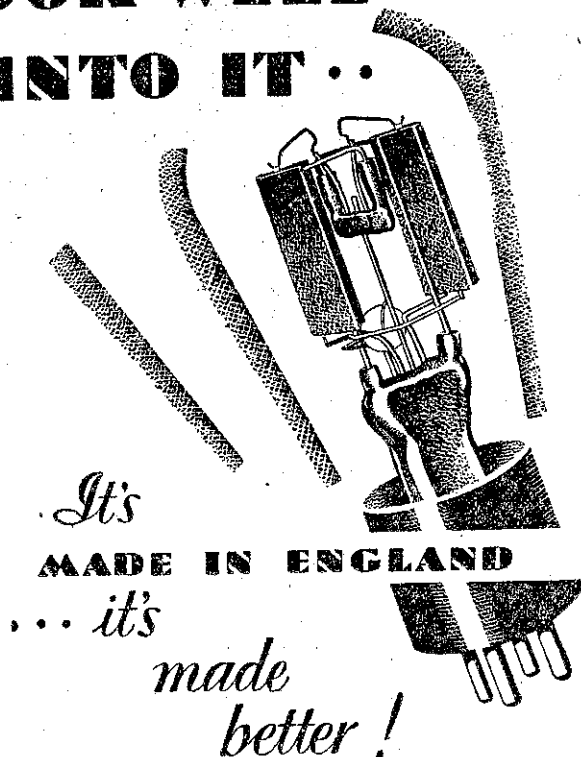
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MX 280 is a full-wave Rectifying Valve specially designed to withstand overloading and fluctuations in line voltage.

Notes and News from the North

(By "Call Up.")

THE extensive series of manufacturers' talks now being given from 1YA are being very well received by listeners and are doing good work in reminding them of the various Dominion industries, in addition to promoting a better understanding between the branches of industry and also between manufacturers and consumers. Although many of the titles of these talks sound "dry," in popular parlance, the actual matter in them is the very opposite, and the interest they are arousing is most gratifying. On June 18 Mr. E. Hill will speak on "Modern Food-Packing in Cardboard Cartons and Fibreboard Containers"; and on June 25 Mr. S. E. Wright will talk on "The Iron Industry and Its Products."

A REAL "novelty" night at 1YA will be given on July 3. Mr. C. Roland will play the phono-fiddle, an uncommon instrument consisting of a one-string fiddle with an old-fashioned gramophone horn attached; Peter Black, baritone, and Charlie Purdy, siffleur, will perform together; and Ray Jury will be heard in xylophone solos.

ON June 23 a fortnightly series of talks on dogs will commence, the speaker being "Sparwood," who is well known by readers of the "N.Z. Referee." The subject is a popular one, and as "Sparwood" is an authority on dogs he should be listened to with interest.

THE annual reunion of the Auckland branch of the New Zealand Association of Radio Transmitters was held on June 2, the past president of the association, Mr. T. R. Clarkson, presiding over a large attendance. A feature of the evening was the Morse contest, which was won by Mr. J. Surman with an average speed of 28 words a minute. The chairman referred to the remarkable progress made in amateur radio in the British Empire during the past year, and emphasised the importance of the radio amateur to the community.

ON July 8 Mrs. Zoe Bartley-Baxter and her company will present three short comedies from 1YA. The first of these will be "The Waterfall," an incident of New Zealand bush life out-back, written by Marie Gordon, of Auckland; the second will be "Partners," which concerns the choosing of a young man's career; and the third is entitled "The Coward," a comedy with a thrill.

TWO enterprising young Aucklanders who were out of jobs bought an old car chassis for a mere song, built the body for it themselves, secured the agency for a well-known make of receiver, and set forth on the road. From all accounts their enterprise has been well repaid, for, in spite of poor butterfat cheques, several of the provincial farmers have purchased quite expensive sets.

"TREASURE Island" was successfully broadcast from 1YA on the King's Birthday. The play is based on Robert Louis Stevenson's famous story, and the incidents of the story were closely followed in the production.

What is Wanted of N.Z. Broadcasting

(Continued from page 1.)

The company's scheme was for the erection of relay stations at Hamilton, Rotorua, Gisborne, Napier-Hastings, New Plymouth, Timaru and Invercargill. These are the main provincial centres in New Zealand, and transmitting stations placed therein would, along with the YA stations, ensure that the great majority of the people of New Zealand would be able to enjoy first-class reception. The carrying out of this scheme would have been at no cost to the Government.

The practicability of this scheme has been well demonstrated during recent months when the Broadcasting Company, in co-operation with private stations in Palmerston North, Masterton, Invercargill and Hamilton, has been relaying the international programmes to those towns for broadcasting by the local stations. Listeners in those districts have thus been able to enjoy perfect reception of YA programmes instead of having, by tuning in direct to the YA station, to listen to a distant transmission marred, probably, by atmospheric and other interference.

It is well recognised that the area of perfect reception of a station, even of the most powerful, is very limited.

Radio broadcasting can only come into its own in the life of the community when the great bulk of the people can rely on getting, day and night, week in and week out, unmarred reception of at least one station.

Long John Silver, the arch scoundrel, and his cut-throats, Black Dog, Morgan, Hands, Merry, and the rest of them, came to life again and did their worst; and Jim Hawkins, the hero of the story, fought and planned against them and won out in the end. Perhaps the best played parts were Captain Bones, Pew, Smollet, Jim Hawkins, Long John Silver, Merry, and the little boy, "Billy." This latter part was most natural, and the voice was clear and pure. The overtures, incidental music, and the sea chanties fitted in admirably with the atmosphere of the play.

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THE editor, tactful soul, has conveyed gently to me that some speakers have suffered themselves to feel annoyance at some remarks of mine upon their efforts. In all innocence I commented upon points that appeared to me, as a listener, to be capable of improvement. My point of view is simply this. These talks are meant to be entertaining and instructional. It is with the object of giving listeners matters of interest that these speakers go to the trouble that they unquestionably do in preparing their matter and devoting their time before the microphone. This service undoubtedly imposes a definite tax upon their time and intellectual capacity. In so far as this service is gratuitous on their part, it may be held by some to be thereby protected from criticism. I appreciate very much the generosity with which they give their services, but I conceived it to be my duty, in the interests of listeners and, even more so, of the gentlemen themselves, to endeavour to point out matters the correction of which would add to their own efficiency. I do seriously contend that these sensitive gentlemen should harden their souls for their own good. I trust I am of average intelligence and possessed of some discrimination, and I judge that what appeals to me will appeal to others; what leaves me cold will leave others cold—and it is so terribly easy to put up the switch and leave the gentleman talking to himself!

I REMEMBER that, in an Australian studio, a gentleman who was giving a series of anecdotes became so wrapped up in his own verbosity as to exceed the time allotted to him. The studio officials were loth to interrupt him, but seeking an opportunity at the termination of one of his stories, they switched his microphone off and carried on with another transmission from a neighbouring studio. The gentleman, in all innocence that his audience consisted of himself, rambled away for a further 20 minutes—quite to his own satisfaction, but obviously to that of no one else. Now, the cutting off of dull speech-makers need not be done by the studio. That is done readily enough by the listener in his own home. The first object of these men with a message is to win their audience. The purpose of my comments has been to help them win that audience by pointing out minor matters usually capable of correction. Only this past week, in the search for entertainment and instruction, I encountered two most deadly dull speeches. I sat them through tenaciously, but I can imagine that the percentage of listeners who accompanied me to their bitter end was extremely small. With alterations of style and manner these could have been made presentable enough. But if I mention these points will those speakers be offended? This sensitiveness to criticism on the part of some of our minor speakers confirms a charge which I have been reluctant to acknowledge hitherto. This is that New Zealanders, almost as a whole, are intolerant of criticism and immured in self-conceit. The Lord knows I do not wish to set myself up as impeccable. I class myself merely as an average listener intent upon getting the best out of radio. Were I to appear before the microphone—as I may whisper I have, but not necessarily in New Zealand—I would be grateful for hints as to personal improvement. However, the editor, one of whose chief functions is to act as a buffer and ease the bumps of controversy, requests me to temper my criticism with mercy. I thought I had done so, but in deference to those sensitive souls who shall be nameless I shall

The VOICE of MICHAEL By "CRITIC"

for the future comment more upon the matter than upon the man, reserving, however, the right by implication to convey hints for improvement. And may the Lord deliver me from the small man!

The Problem of India

SOME conception of the magnitude of Great Britain's task in settling the Indian problem, amicably and satisfactorily, was conveyed in a most entertaining talk by the Hon. G. M. Thomson, M.L.C., from 4YA on Monday. There



LEO O'MALLEY,
a deservedly popular Auckland bari-
tone, singing on June 18.
—S. P. Andrew, photo.

is little doubt that Mr. Thomson is correct when he states that practically every civilised country in the world is watching the manner in which this intricate and delicate problem is being handled. Holland, France, Spain; in fact most of the older countries have their colonial problems: problems that relate to countries in foreign possession or under foreign mandate, but, whereas nearly every other country is dealing with one race of people, Great Britain is dealing with a huge and heterogeneous mass of humanity whose outlook on life is different from that of any other native race on earth. When it is considered that the Indian population is roughly 315 millions, of which approximately 217 millions are Hindus and Brahmins, 66 millions are Mohammedans

the ruler makes the burden of taxation increasingly difficult to bear. In face of all these difficulties, and with sets ready to fly at each other's throats the moment that British control is removed, there is, Mr. Thomson pointed out, a body of half-educated men sitting in Westminster, advocating complete freedom from control for India. That this Empire is destined to rule its own destinies eventually, seems the natural conclusion to draw, but to precipitate matters unduly would be little short of disastrous. Rightly or wrongly, we have acquired responsibility in India, and we cannot at this stage drop that responsibility. India must be taught how to rule before she can hope to handle her own very difficult affairs.

Sea Power and Freedom

IN face of the many able pacifist talks to which I have listened in the past Mr. Forbes Eadie spoke with refreshing candour on the danger of indiscriminate disarmament on Tuesday evening from 1YA. Mr. Eadie gave a brief resume of the admirable work accomplished by the British Navy and the Mercantile Marine during the late Great War. From the service that was performed on that occasion, it is made quite apparent that without our Navy being maintained at a strength adequate to protect the British Empire, disaster must overtake us. The scrapping of ships and the depletion of navies is admirable in theory, and, so long as it is carried out with strict parity, equally admirable in practice. The difficulty is that all our naval agreements seem to end in Great Britain sacrificing sea power without corresponding sacrifices on the part of other nations. Without our Navy in the last war the British Isles would have been starved out in a few weeks. Germany would have been able to dictate her own terms to conclude the war. That these terms would have crippled the British Empire for life seems inevitable where the spendthrift habits of disputable. I enjoyed this talk extreme-

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They will delight you as a polished English Speaker should — Present stock to sell at £4/10/—, chassis only — New shipments will be dearer. Send Cash NOW.

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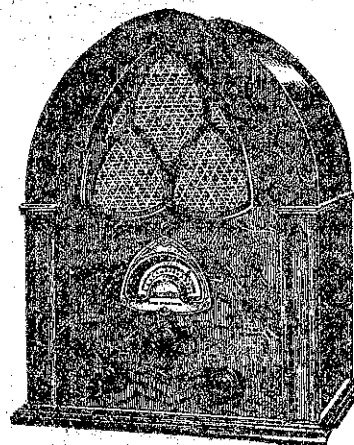
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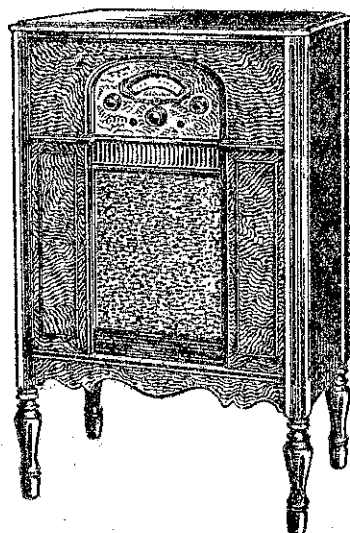
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This Compact Superheterodyne Model is the latest addition to the ATWATER KENT GOLDEN VOICE Family, using the wonderful new Pentode Valve, a 5-element power amplifier. This is a typical ATWATER KENT quality Radio and fully maintaining the standard of Tone, Selectivity and Reliability. Being 19 inches high it is small only in size and price, but big in performance, workmanship, dependability and value.



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THE NEW QUICK-VISION DIAL is an exclusive Atwater Kent feature. Due to a remarkable compensating mechanism all stations are widely separated—no crowding. The station you want is right there—instantly. And all station markings are in full view from any angle. Large, legible figures in kilocycles, fully illuminated for instant reading, make the new Quick-Vision Dial a most desirable feature.



The ATWATER KENT Standard Model 70 L with Tone Control giving four distinct shadings of the GOLDEN VOICE.

Twenty years before the first radio broadcasting station was opened, the Atwater Kent name-plate on an electrical precision instrument was accepted as a mark of quality.

To-day, on Radio, the Atwater Kent name-plate is our assurance of your complete satisfaction, for it is the mark of a reputation earned by strict adherence to rigid standards of quality. It is the symbol of our pledge—that these standards have not been lowered.



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Showroom—

LAMBTON QUAY,

OPP. KELBURN TRAM.

ly. I do not know Mr. Eadie personally, but something tells me he has a keen personal knowledge of the sea.

Confectionery and Chocolates

THE talk from 1YA on the 4th, given under the auspices of the New Zealand Manufacturers' Association on Thursday evening was not, in my opinion, as entertaining as usual. The subject was "confectionery and chocolates." There seems quite a wealth of information to be derived from such a topic, but it was not forthcoming. The twenty minutes devoted to the subject were almost entirely confined to the plea to which we are all becoming accustomed, "Buy New Zealand Goods." I repeat again that one can have no quarrel with such a plea being raised frequently and powerfully, but I think that it would have carried more weight on Thursday evening had the speaker told us something more of the actual goods in which he was attempting to create interest. So far as I can judge, the only actual direct reference to the manufacture of confectionery and chocolates was that New Zealand made these goods solely from British products, and that the standard of purity attained is of a higher standard than elsewhere in the world. This may be no idle boast; I cannot claim to be a judge of such matters, but I think listeners would have been more interested in learning how chocolate and other sweetmeats are actually made, than in so much technical and statistical data.

Agricultural Clubs

THE talk from 3YA by Mr. H. Chamberlain, of the Department of Agriculture, on Thursday evening, was devoted to boys' and girls' Agricultural Clubs. I am not as yet sufficiently conversant with the movement to pass the talk in adequate review. Much of it dealt with prize-winners of competitions about which I have little, or no data. The movement, however, seems to be popular among the young folk, and I shall watch out for further wireless talks, so that I may gain more information on the subject.

First Radio Opera

Broadcast in Germany

ONE of the most interesting musical events in recent Continental radio programmes was the first transmission from Berlin of a new and original work entitled "Malpota."

It is termed the first "Funkoper," or radio opera. The composer, Herr Walter Goethe, a well-known German musician, has collaborated with two authors who have written a number of broadcasting plays, and all three have attempted to create a work which is in harmony with the general principles of broadcasting and with the special demands of the microphone.

Radio Means More Than Entertainment

Recently, Mr. E. T. Fisk, speaking from 2FC, Sydney, officially opened the Perth Radio Exhibition. A few years ago this task, which now is looked upon almost as commonplace, would have been regarded as more wonderful than the Magic Carpet. In his opening remarks, reproduced below, Mr. Fisk traverses the salient features in the development of radio communication, particularly as regards Australia and New Zealand. We are isolated countries and we little realise how much radio means to us.

THE sounds you hear at the present moment are caused by small electrical impulses which have travelled along a wire more than 2000 miles in length, forming a continuous physical connection between the city of Sydney and the city of Perth. With the aid of electricity and electrical waves my voice, which normally could be heard only over a radius of a few yards, is now being listened to across this great distance and over an area of thousands of square miles. Each syllable spoken here in the Australian Broadcasting Company's studio in Sydney is reproduced in Perth in approximately one-ninetieth part of a second of time. To the human senses this would appear to be instantaneous. By such means distance is overcome and isolation is destroyed.

Many of the problems which are troubling the world to-day are due to the distances separating human beings in ideas as much as in physical geography. Confusion in action arising out of confusion in thought is due to great numbers of people viewing their common problems from different aspects and being unable to understand each other's point of view.

Although such difficulties appear to have grown more intense in recent years, the scientific and industrial development of electrical communication is advancing with even greater strides, and there is not the slightest doubt that the rapid progress being made in wireless throughout the world will be one of the greatest factors in bringing peace and harmony to the human family. Everything possible must be done to stimulate and foster the development of this great art and this important industry. Such development can be encouraged best by allowing the individuality and enterprise of our people the fullest practicable measure of freedom, by encouraging technical skill and invention on the one hand and commercial adventure and enterprise on the other hand.

Wireless communication offers greater advantages to Australia perhaps than any other country in the world, and in these days when we are compelled to dwell almost constantly upon our real or imaginary shortcomings as a nation, it is pleasing to be able to say authoritatively that in Europe, Asia, Africa and America Australia is well and favourably known as holding a position among the advanced countries of the world in all branches of radio and wireless.

There are people still living in Australia who can recall the days when the only means of communication between this country and Great Britain was by a laboriously written manuscript carried



Mr. E. T. Fisk, of Sydney, one of the most outstanding figures in contemporary radio. Through his initiative the wireless telephone and Beam wireless have been brought to Australia and New Zealand.

by sailing ships on perilous voyages occupying from three to six months. Moreover, as soon as one of those ships was lost to sight over the horizon friends and relatives of those on board were totally ignorant of the good, or bad, fate of the voyagers until some other sailing vessel brought tidings from a distant port weeks, or perhaps months, later.

About 50 years ago the first cable connection was made between Australia and England, and, although the methods of communication employed in those early cables are now obsolete and messages frequently occupied many days in transit, the cable was faster and more certain than the best mail packet by wind and sail.

Time does not permit of historical details, but it is well worthy of mention that Great Britain pioneered the Eastern cable to Australia, while Canada pioneered the Pacific cable to Australia, and Australia pioneered direct wireless communication between the heart of the Empire and all the Dominions.

UPON the opening of the Beam Wireless service between Australia and England a late postmaster-general of Great Britain stated:

"Ever since the scheme of an Imperial wireless chain was first discussed Australia has led the way."

Those who can in their own experience or by study look backward 50 or 60 years and make the necessary comparisons will see at one end of that period Australia as an isolated country, far removed from the world's great centres, both in distance and in time, and at the other end a modern community equipped with an efficient Beam Wireless system capable of transmitting messages almost instantaneously across half the earth operated at high speed by automatic machinery and handling millions of words of commercial, social and news telegrams per annum. To-day, in addition to these Beam services working direct to London and Montreal, we also have a wireless telephone service, through which approximately half a million ordinary telephones in homes or offices throughout Australia can be used for direct personal conversation with any one of approximately thirty million homes or office telephone users in Great Britain, on the Continent of Europe and in North America. Ships at sea in all parts of the world, including the great Atlantic "greyhounds," are able to communicate direct with our up-to-date Australian coastal wireless stations. Most of the British possessions in the Pacific Islands are in regular communication with Australia through our commercial wireless services. Wireless is employed from police headquarters in many of our capital cities in touch

(Concluded on page 16.)

Radio is not all Entertainment

(Continued from page 15.)

with fast patrol cars used for the protection of life and property in and around those cities at night. Throughout the day and most of the night our numerous and efficient A and B class broadcasting stations supply almost continuous entertainment, news and educational services to nearly 400,000 Australian homes. Our experimental short-wave broadcasting services transmit Australian programmes frequently to all parts of the world and occasionally receive programmes from Great Britain and America, to be repeated to Australian listeners through our local stations. Arrangements have recently been completed to maintain communication with the British and foreign mail and passenger-carrying aeroplanes which are now initiating regular transport services between Australia and Europe. The future of wireless communication is full of interesting possibilities. I look forward to the time when Australia will have direct wireless telegraph and wireless telephone services with every important country of the outside world, together with further extension of local and international broadcasting services. I hope we shall continue successfully to make Australia the wireless centre of the Southern Pacific.

The exhibition at present being held in Perth shows conclusively that the modern household broadcasting receiver has now reached a stage of great reliability in design and construction, extraordinary efficiency in pick-up and reproduction, simplicity in operation, combined with attractive appearance and reasonable cost. These things have now become almost a household necessity; they are no longer in the experimental stage, but the modern all-electric radio set is now regarded as a perfectly safe and attractive investment for the household. Incidentally the rapidly increasing popularity of broadcast listening shows that this branch of the great wireless art is assisting in no small measure to render home life more permanent and attractive.

Notable Operatic Broadcast

Directional Microphones Employed

SEVERAL weeks ago the first broadcast of a musical drama from the stage of the Metropolitan Opera House in New York was heard over a coast-to-coast network of broadcasting stations. Hitherto the management of the Metropolitan has steadfastly refused to allow broadcast performances of its productions, on the ground that radio technique had not reached the point where it could do justice to an operatic performance.

The new parabolic, camera-principle microphones, which follow the characters in their action much as a spotlight trains on the stage, were used for the broadcast, and proved a marked success.

FREE RADIO GOODS

WIN A BIG MODERN CABINET SET!

Oh, Boys What a Chance!

FREE RADIO for everybody . . . and so easy to win . . . Equal chances for everybody . . . No entrance fee in this COLOSSAL COMPETITION.

Read this extract from Alec Wallace's letter:

"I already have ninety points towards a big cabinet set, but I want to know if there is any time limit to your offer. I think your plan is great fun, etc. Your truly,
(Sgd.) ALEC WALLACE."

NO ENTRANCE FEE.

NO TIME LIMIT.

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

Stanley Smith,
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WELLINGTON.

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AGE

R.R.1.

Maori Programme**2YA, Thursday**

SINCE the Wellington Radio Exhibition programmes went to press, we received the following additions for Thursday, June 12:—

8 p.m.: Maori Party.

1.—Opening Scene—

(a) The Welcome:

- (1) The call of welcome.
- (2) The response.
- (3) The haka of welcome.
- (4) The haka in reply.
- (5) The speech of welcome.
- (6) The speech in reply.
- (7) The chant.
- (8) The "Hongi" or salutation.

2. Part Song:

(a) Toki wairua.

(b) Awhi maiChoir

3. Waka, or Canoe Poi

The Company

4. Solo—Selected

Miss Eileen Grennell

5. Maoris at Home:

(a) Choruses

(b) Tittorea .. The Company

6. Violin Solo—Selected..J. Rikihana

7. Long Poi Poi Girls

8. Solo—SelectedHenare Tahiwi

—2nd Part—

9. Double Poi The Poi Girls

10. Violin Solo—Selected—J. Rikihana

11. "Puiru Taitama" ...The Company

Elaborate Radio Installation

THE most comprehensive wireless equipment afloat is carried by the new Canadian Pacific liner Empress of Canada, which made its first Atlantic crossing last May.

Programmes from both sides of the Atlantic were picked up, amplified, and reproduced through a loudspeaker system extending throughout the ship. The cabin in which the receiving equipment is located resembles the control room of a modern broadcasting station, with the main amplifier, short-wave programme reception set, switchboards, motor-generator, double-turntable electric gramophone, and microphone for "local announcements."

In addition to the daily broadcast of world programmes received on the short-wave set, the loudspeakers will also be used to broadcast concerts and dance music played by the various orchestras. Microphone points have been installed in the ballroom, main lounge, and dining saloon, and through the amplifier system music from those rooms can be made available all over the ship.

12. Solo—Selected

Miss Eileen Grennell

13. Double Poi The Poi Girls

14. Part Song The Choir

15. Action Song The Poi Girls

16. Solo—Selected .. Henare Tahiwi

17. Haka The Company

Australian Programmes**Times Corrected for N.Z.****Thursday, June 11.**

STATION 2FC—9.40 p.m., 10.23 p.m. and 10.52 p.m.: The Sydney Madrigal Society. 9.47 p.m. and 11 p.m.: May Willis, pianiste. 10.16 p.m. and 11.29 p.m.: Athos Martelli, 'cellist.

2BL—9.30 p.m.: "Magnolia of the Mississippi," a drama in four scenes. 11.8 p.m. and 11.30 p.m.: Des Tooley and Beryl Newell in popular songs at the piano. 11.15 p.m.: Clive Amadio, saxophonist.

Friday, June 12.

STATION 2FC—9.30 p.m.: A concert hour, arranged by G. Vern Barnett, organist. 10.45 p.m.: Relay from 3LO, Melbourne, of a military band concert.

2BL—9.37 p.m. and 11.25 p.m.: "The Melody Men." 9.55 p.m. and 10.53 p.m.: Frank Ryan, comedian. 10.2 p.m. and 10.45 p.m.: Queenie and David Kaili, Hawaiian entertainers. 10.18 p.m. and 11.37 p.m.: Mae and Max, entertainers. 10.26 p.m.: Clive Amadio, saxophonist.

3LO—9.30 p.m.: "Ancient Scottish Ballads." 10 p.m.: Organ recital. 10.30 p.m.: "The Paraphrasing Five." 9.45 p.m.: Military band concert.

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

Saturday, June 13.

STATION 2FC—9.38 p.m. and 10.25 p.m.: Leonore Gotsch, soprano. 9.45 p.m. and 10.56 p.m.: Henri Penn, pianist. 10.0 p.m. and 11.20 p.m.: Clifford Lathlean, basso.

2BL—9.30 p.m., 9.54 p.m. and 11.14 p.m.: The Metropolitan Band. 9.35 p.m. and 11.21 p.m.: R. A. Bartleman, baritone. 10 p.m.: Relay of boxing contest at Sydney Stadium. 11.7 p.m. and 11.38 p.m.: John Stuart, comedian.

3LO—9.30 p.m.: Concert by the Melbourne Symphony Orchestra.

FOR SALE OR EXCHANGE

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

SERVICEMEN. Readrite model 245 Set Analyser and Tube Tester. Tests Screen-Grid Valves. Never been used. £6 cash. Particulars "Radio," Box 50, Cambridge.

GRACEFUL figure obtained with Youth-O-Form Capsules. Superfluous flesh soon disappears. Simple, safe, sure. 6/6 posted. A. C. Timms, Chemist, Pahiatua.

SLENDER Hips can be secured without dieting or strenuous exercise by taking Youth-O-Form Capsules. 6/6 posted. A. C. Timms, Chemist, Pahiatua.

VENUS' Figure can be your goal by taking Youth-O-Form. 20lb. reduction 6 weeks. 6/6 posted. A. C. Timms, Chemist, Pahiatua.

Have YOU Heard ROME Direct on Your Receiver?**---Not Unless it is an Ultimate**

Not only Rome—but England, Russia, Siberia, Holland, America, Germany, and all the leading Short-Wave Stations of the world are within your easy reach with the amazing new "Ultimate."

"ULTIMATE"**All-Wave World Receiver**

The set that gives astounding short-wave reception from every part of the world—in addition to receiving all the usual Broadcast Stations. Why buy a yesterday's radio when you can own the "Ultimate," which is a year ahead of every other receiver. With its outstanding performance, tremendous volume, and perfect clarity and purity of tone, it gives you the real fascination and enjoyment of radio entertainment.

There is an Ultimate Distributor in every part of New Zealand. Arrange with your local agent for a demonstration TO-DAY, or write for Free Illustrated Literature.

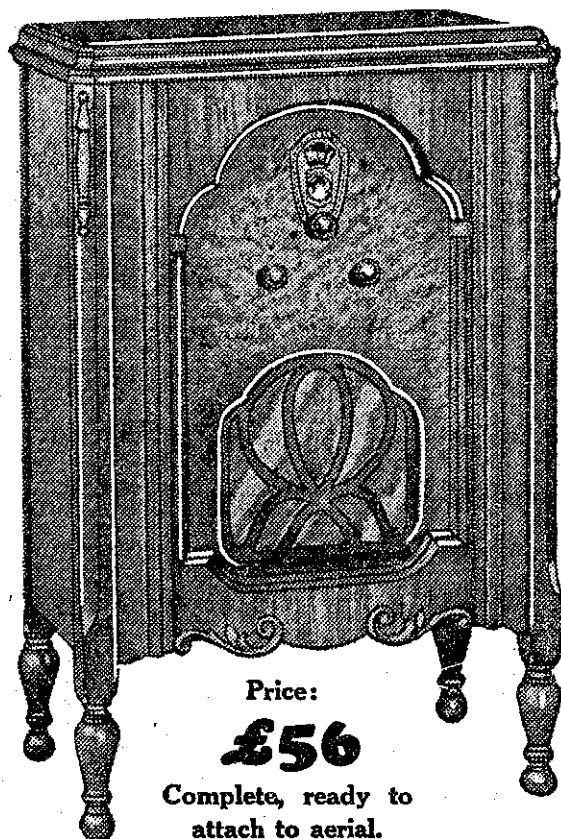
Distributors for Wellington:**Messrs. HAMILTON NIMMO & SONS LTD.****CORNER OF BOND AND WILLIS STREETS, WELLINGTON.**

Branches at Palmerston North and New Plymouth.

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When you're at the
**WELLINGTON
RADIO
EXHIBITION**

examine every chassis on show, then compare them all with the "Ultimate"—the greatest receiver of all time—in Messrs. HAMILTON NIMMO & SONS' Stand.



Price:

£56

Complete, ready to
attach to aerial.

Church Service Broadcast

Company Thanked

THE value of broadcasting sermons as a means of extending the Kingdom of God was acknowledged by the General Assembly of the Presbyterian Church at its sitting in Wellington on June 4.

The Rev. R. Howie thought it would be fitting if the Church were to thank the Radio Broadcasting Company of New Zealand for affording facilities for relaying the sermons from churches, and thus extending the Kingdom of God. He moved to this effect, and the motion was carried.

Radio in the Air

Ensuring Safety of Travellers

PERHAPS the most important aid in the safety of air travel is the modern radio outfit with which the aeroplane is equipped. Indeed, just as wireless has ensured the safety of ships at sea, so it is now safeguarding planes in the air.

We have become so accustomed to the use of radio for all manner of communication that we may not perhaps realise that each application of radio communication has its own peculiar difficulties, and this is especially so in the case of radio communica-

tion between an aeroplane and the ground or between one aeroplane and another.

Probably the most comprehensive radio equipment carried on commercial aeroplanes at the present day is that fitted to each plane flying over the famous air routes between Chicago, Oakland and San Francisco and between Seattle and Los Angeles.

The Boeing Company, which controls these services, has carried out over a number of years its own special radio experiments and has developed an aeroplane radio equipment which meets all the requirements of these particular routes.

The Pilot's Enemy.

PILOTS on these routes can now carry on direct conversation with ground operators from an altitude up to 12,000 feet and at a distance of 200 miles. Ground stations for transmission and reception have been established at every 100 miles along the routes and in this way all pilots are kept constantly informed as to weather conditions and other matters of importance.

Everyone knows that bad weather is the great enemy of the aeroplane pilot; in fact it is now almost his only serious enemy. The pilot's task is made much simpler, however, if he can be kept constantly informed of weather conditions ahead of him and be given precise instructions with regard to the position of the landing ground, and how he is to make his landing.

All this and much more is now possible by means of the very much simplified radio equipment available for aeroplanes. The equipment used in the machines, on the routes mentioned above, weighs about 100 pounds and is practically automatic in operation; it requires no adjustment on the part of the pilot, whose full attention therefore may be given to the flying of the machine.

Before the final form of the radio equipment was settled, a large number of experiments were carried out in order to determine the most suitable wavelength; eventually it was found that a wavelength of 90 metres was suitable for all required altitudes and also for day and night operations.

Some Special Problems.

SOME of the special technical problems encountered are extremely interesting. It is found necessary, for instance, to "bond" the aeroplane completely; that is, to connect electrically together all metallic parts.

The bonding of the aeroplane is necessary not only in order to reduce interference, but also to prevent the possibility of the aeroplane catching fire, since an insulated piece of metal, if of proper size and character and in a certain position, may pick up a sufficient electrical charge to produce sparks.

The ignition of the aeroplane engine must be very carefully shielded, otherwise the interference from it will render radio communication impossible.

If you were to listen with a radio receiver in an aeroplane, in which the motor had not been properly shielded,

Radio Advertising

Menace in Italy

THE radio advertisement germ seems to be biting the Italian broadcasting authorities. Amateurs all over the country are gravely perturbed by the possibility of this abuse of the microphone, and strong petitions are being addressed to the authorities, pleading for care in the introduction of any propaganda in the transmissions. It is pointed out that one never hears advertising in the British, German, or Austrian programmes; only the Latin countries, like France, Spain, and Rumania, have succumbed to the temptation.

all you would hear would be a terrific storm of crashes, these, of course, originating at the make-and-break contacts in the distributor, from the magnet and from the actual sparks in the sparking plugs.

This type of interference is overcome by encasing all the spark leads in flexible copper armour, and even this apparently simple operation must be carried out in such a way as not to interfere with the efficient working of the motor and of the aeroplane.

In the equipment used on the above-mentioned routes the radio apparatus is mounted behind the pilot.



RADIO

MANUFACTURED BY ONE OF THE LARGEST RADIO ORGANISATIONS OF AMERICA.

A SUPER QUALITY PRODUCT

A Model to Suit Your Own Requirements and Match the Furnishings in Your Home

THE BEAUTY OF TONE IN AIRLINE IS UNEXCELLED

Our decision to distribute AIRLINE is due to remarkable results obtained over a long period.

For Selectivity, Sensitivity and Natural Tone these Receivers stand alone.

Experts have been engaged and complete servicing is assured.

WE WILL BE PLEASED TO DEMONSTRATE
IN YOUR OWN HOME

The New Zealand Express Co.,
DISTRIBUTORS Ltd. ALL CHIEF TOWNS



The Radio Owl will guard your set

When you go out or go to bed at night you can quite safely leave your set switched on if it's guarded by the Radio Owl. All you do is to adjust the Owl for any time up to two hours ahead. He watches till the time is up and switches off your set automatically.

Handsome, ornamental, simple—no clockwork—will operate any electric set; every Radio user wants the Radio Owl.

PRICE 30/- Free
Post 30/- Free

JOHNS LTD.,
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FREE.—Our big new 80-page Catalogue. All about everything for Radio, Electrical Appliances, etc. Posted Free on request.

Morse Interference.

IS it not about time that these two—perhaps more than two—Morse transmitting fiends in the vicinity of the Basin Reserve were warned to keep off the air during church service broadcasting hours. Last Sunday the morning service over the air was completely spoilt by a selfish amateur who chipped in to great effect, and repeated his performance again to-day. This sort of thing is getting on the nerves of those living near the Basin Reserve, and will mean that many licenses will soon be—"Dropped for Ever" (Wellington).

Broadcast Service.

THERE are two subjects which are causing much controversy at present—B class stations and politicalisation of radio broadcasting. Having read and inwardly digested the various articles in our daily papers and the "Radio Record," and likewise discussed the matter with other radio enthusiasts in the district I have tried to come to some unbiased conclusions. With regard to "B" stations, I think, in fairness to all, that quite a number of them are worthy of a place on the broadcast band, their programmes comparing very favourably with those of the YA stations. In fact, there are hundreds who depend solely on these free services, and yet the R.B.C. and Government profit by it through the license fees. Some system is required whereby the opinion of the listening public could be obtained, as their wishes in these matters are of first importance. On the question of Government control the least said the better; their policy is as usual to launch out in an orgy of spending with the result that listeners would have to foot the bill in increased license fees. As it is, the existing service is all that is required of a country like New Zealand, and the R.B.C. are just getting into their stride, as evidenced by recent improvements, viz., lengthened hours and relaying of YA programmes to "B" stations. Further improvements will be forthcoming, I'm sure, as funds permit.

I would like to suggest that a detachable coupon of some sort be inserted in the "Radio Record" which could be used by licensees to vote whether they are in favour of Government control or continued R.B.C. control. Every listener, of course, may not be a subscriber to this estimable paper, but might become one to obtain a vote in the destiny of broadcasting. Another progressive movement which would cost less than the Government intention of erecting new stations would be to give each licensee the right to nominate the "B" station he receives best, and the station in each district with the most votes could be given a small subsidy for the purpose of bettering its programmes. An annual vote of the kind, per medium of detachable



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

coupon on license certificate, would result in general improvement of "B" programmes, competing for the subsidy. Incidentally it would bring to light new talent which is sadly needed at present. Instead of cluttering up the air with powerful new stations it would be more sensible to separate the existing stations so that the New Zealand

"wee bites" between meals. A wireless set could not be so handy to prevent the wee wife listening in to 2YA's morning sessions, especially the fashions lecture!—Farmers' Wife (Wai-tomo).

DX-ers' Meeting

DX-ERS are reminded that on Thursday, June 11, a meeting will be held in the offices of the "Radio Record," 3rd floor, "Dominion" Buildings, to discuss the constitution of the proposed "DX Club."

Sweeping Statements.

YOUR correspondent "C Clef" makes some rather sweeping statements in his comments on the "orchestrina" at 2YA. I am of the opinion that there are better radio combinations in New Zealand. Moreover, like many other listeners in this district, I am of the opinion that of the two combinations at 2YA, the Salon Orchestra is the better balanced, more efficient orchestra. In addition, the choice of music for this combination is better. To attempt the large symphonic works occasionally broadcast by the orchestrina is a mistake in many ways. In any case, your correspondent's criticism loses its effectiveness through appearing under a nom de plume.—J. F. Knight (Wellington).

I WISH to express my appreciation of the extended hours of transmission of 2YA. It is without doubt a forward step in broadcasting in New Zealand. I also wish to make a few

remarks on a letter written to the "Radio Record" on May 29 by a person who is afraid the housewife gets too much of 2YA's increased hours, and therefore thinks they are not appreciated because he does not hear them. Unlike this writer, I am more broad-minded, and look at it in a different view. I think of the wonderful benefit it is to patients in hospitals, sick people at home, and old men and women, who can take a change from books. I work all day and never hear the wireless until the dinner session at night, but I do not for one minute grudge those at home the use of the radio. This same correspondent also thinks the YA stations should keep on the air until 11 p.m. every night. If he works hard all day, whether in an office or not, he would not feel like sitting up until 11 p.m. nightly. No, sir! I like a man who says what he thinks, but if the letter is what the Invercargill person says it would be better for him not to think at all.—"ACO" (Masterton).

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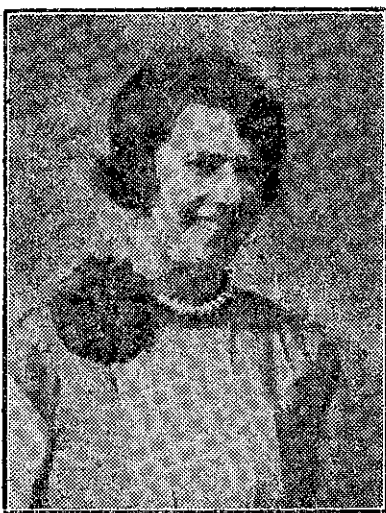
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**LUCY FULLWOOD.**

whose delightful soprano voice never fails to delight listeners. Miss Fullwood will sing from Christchurch on June 17.

land stations would not interfere with each other or with those in Australia. —"As You Like It" (Oira).

Morning Sessions.

I HEARTILY disagree with "Electrad's" letter that the longer period of service from 2YA is a retrograde step. He does not know, surely, that "early to bed" is a good maxim, especially for farmers, and that extending the evening's programmes means later hours for the YA staffs. His suggestion that 10/- increase should be made for licenses for higher powered stations is ridiculous, as stations of low power can be picked up in this locality, one Dunedin station of 7 watts giving perfect loudspeaker reception in the northern portion of King Country. His letter reminds me of the Scotsman who carried his wife's false teeth about with him so that she could not have

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Identification Wanted

STATION heard 300 metres (approx.), 11.10 p.m. Thursday, June 4. 11.10, "Sergeant-Major on Parade"; 11.15, "Travel Along Leading a Vagabond Life." Letters were read out concerning reception. Station name mentioned 3BL (?) and Bendigo was also mentioned. 11.25, Steel guitar band items, "Moonlight on Colorado."—L.R.H. (Dunedin).

AMERICAN on approx. 288 metres, 2ZF on 285, 2UE 293, at 5.15 p.m., Sunday, May 31. Heard church service R2. Another on 282 metres, approx. 2KY on 280. Could not get either call. Is there a station on 301 metres which can be received here on a four-valve set? I heard one a fortnight ago, but have not heard anything since.—"Dink" (Helensville).

STATION on 1500 kc. (approx.), 200 metres, heard broadcasting orchestral items at 5.50 p.m. on May 18. Static too bad to hear call. Station above Hobart on 360 kc. (approx.), 535 metres, heard about 1.20 a.m. on May 20. Orchestral items; could not catch call. Station between 2UE, Sydney, and 3YA, Christchurch, heard several times between 11 p.m. and 12 p.m.—"Murihiku" (Invercargill).

STATION heard at 11.45 p.m. on May 27, just below 3AR, Melbourne. Cornet solo, followed by a soprano solo, banjo solo, and other musical items. Announcer spoke in broken English, very hard to understand; also station below 2BL, Sydney—sounded Chinese.—"Radio" (Wellington).

AMERICAN heard from 5-5.30 p.m. on May 28. Appeared to be broadcasting speeches in Japanese and American, made at a dinner given to Japanese delegates. Toasts were proposed. When signing off I caught "San Francisco" and "broadcasting on a frequency of 1040 kc." (288 metres). Announcer stated "station would be on the air again at 9 a.m.

to-morrow morning."—S. W. Jorland (Wallaceville).

STATION on 80½, just above 7ZL, Hobart, 88, heard at 11.15 p.m. Man was talking in a foreign language, which did not sound either Japanese or Chinese. Also musical items, "Valencia," "La Paloma," played as organ solos. Fading badly.—K. Morrison (Roslyn).

STATION heard on approx. 1030 kc. (291 metres), at 10.45 p.m. on May 31; 2UE heterodyning badly. Announcer called: "Hullo, hullo, hullo," and counted up to ten. He then recited the alphabet through. This was repeated several times until 2UE drowned him out.—H.H. (Christchurch).

AT 4.30 a.m. on May 31 station heard on 1000 kc. (300 m.). Someone was speaking in a foreign language, but although I waited for an hour I did not receive his call sign again.—J.H.S. (Dunedin).

MEXICAN station on 950 kc. (316 m.), logged several times between 4 and 4.30 p.m. I notice a DX'er receives WOA1 at 5 p.m. Last July I received him at 2.15 p.m. at strong loudspeaker strength.—"Nom-de-plume" (Gisborne).

STATION on about 480 m. (625 kc.), heard at midnight on May 29. Also one on about 345 metres (870 kc.), just below 2BL.—"Molecule" (Hastings).

STATION heard behind KSTP, 1460 kc. (205 m.), after latter closes down. Also station ½ a degree lower than this.

approx. 1465 kc. (204.8 m.). Not KGA.—J.T.S. (Napier).

STATION heard on June 2, at 6.10 p.m. on 217 m. (1380 kc.), playing "The Royal Vagabond." Call sounded like KGRS, Texas. Also station on approx. 214 metres (1400 kc.), heard at 6.20 p.m. on same night. "—and his Vagabonds" played "Whose Sorry Now?" Could not catch the call, but heard the word "Minne-

Reception Table

FOLLOWING is a table showing the relative strengths (RO-10), of Australian stations, as received after 11.30 p.m. by "Red Bird" (Wellington):—

2FC, Sydney	9
3LO, Melbourne	8
2BL, Sydney	8
4QG, Brisbane	8
2GB, Sydney	7
2NC, Newcastle	6-7
7ZL, Hobart	6
3AR, Melbourne	4-5
3UZ, Melbourne	4
4BC, Brisbane	4
5CL, Adelaide	2

apolis." I understood him to say they were on 205 4-10 metres, but 'bat was not in accordance with my dial reading. I heard him close at 1 a.m., E.S.T.—"Lead in" (Greymouth).

[KGRS, Gish Radio Service, Amarillo, Texas.—Ed.]

STATION heterodyning with 2YA Wellington was heard on 24th, and also one just above 7ZL Hobart.—S.M.C. (Mokau).

[First is probably 5CL, Adelaide.—Ed.]

ON May 30, at approximately 11.30 p.m., I heard a station between 12H and 4YA, counting from one to five in English. He was still on the air at 11.50 p.m., but was unreadable.—"Electron" (Oamaru).

STATION on 277 metres (1080 kc.). Can be heard at about 7.30 a.m., and mentioned "Sunrise Broadcast Service." Also station on 625 kc. (483 metres) heard on 30th, at 11.30 p.m., when a vocal item was broadcast. All announcements were in English.—"Oscar" (Marton).

Stations Identified

WAVETRAP" (Wanganui): Station on approximately 1300 kc. heard at 5 a.m. is 3KZ, Melbourne. I have picked him up at this time and held him at good strength till after daylight. Frequency, however, should be 1350 kc. (222 metres). L.I. (Gisborne): See April 24 issue for information re Lake Te Anau station. I sent a report to Wellington and received a reply within 4 days. "MAAH" (Morrinsville): You may be unable to separate 2GB from 3UZ. It is usual for the former to advertise a radio firm in Castlereagh Street. "Frequency Cop" (Auckland): Station on 2YA is 5CL Adelaide. To several inquirers: Station on

3AR is KZRM, Manila.—B.W. (Stratford).

"WAVETRAP" (Wanganui) and P.K.B. (Oamaru): Probably 3KZ, Melbourne, which I understand has been conducting a 24-hour broadcasting service.—"Murihiku" (Invercargill).

[Considering the effective height of your aerial is only 21 feet, your log is excellent. You would secure better results, however, by increasing aerial height to at least 30 feet.—Ed.]

W.H.R. (Dunedin): I have heard the station on 595 kc. (504m.), and believe it to be a Jap.—"Yankee" (New Plymouth).

A.M. (Dunedin) and others: On May 18, Radio Bangkok, Siam, was on the air from shortly after 1 a.m. (when I tuned in) till 2.50 a.m., when he closed down. He was operating on approx. 840 kc. (357 metres). Dialings, 2BL, 534; 3ZR, 562; Radio Bangkok, 54 1-3. On the same night I logged 3CA, Canberra, and 3KC, Melbourne.—"Koputan" (Port Chalmers).

"RADIO 3" (Hillgrove); JOAK, Osaka; "W.H.R." (Dunedin); 3TR, Gippsland Broadcasting Service, Traralgar, Vic. "L.I." (Gisborne), station on 198 metres, is probably "Glade House Radio," Lake Te Anau. It works Te Anau Hotel.—"Oscar" (Marton).

"DETECTOR."—Evidently 3KZ, Melbourne, on 1350 kc. (222m.). I have heard him several times recently, between 4 and 7.30 a.m. Another correspondent inquires re Californian station on 3LO's frequency. This is KGO, San Francisco, 790 kc. (380 m.).—"Ocol" (Hawke's Bay).

"WAVETRAP" (Wanganui).—Heard this station on same date as you did, and also two days later. Call sign was 3RI, Melbourne. Station P. H. Crough heard was JOIK.—W.H.R. (Dunedin).

DX Topics

Private Stations Overlap.

AT present 2ZW, on 269 metres, approx., in Wellington, and 1ZR, on 275 metres, are overlapping each other badly. I find 1ZR on 2 metres below his allotment, so am blaming him. Can anything be done to separate these two good private stations without making a rejecter?—"Dink" (Helensville).

[Not unless one of them shifts slightly. Complaint to the Radio Inspector.—Ed.]

HAS anyone heard 2MK, Bathurst, and 4GR, Toowoomba, recently? Are they still on the air? Last Saturday evening, May 30, at 10.15 p.m., I heard my name with "Electron" (Wellington) mentioned from 2MV, Moss Vale, and he said he had received our letters for verification. On June 1, at 6.15 a.m., I picked up ZTC, Cape Town, on 372 metres broadcasting dance numbers, and he came through at R4. Has any other DXer had this station yet? He is my first South African. WTAM, Cleveland; WOA, San Antonio; KGA, Spokane, and KVOO, Tulsa, were received at R8 on May 31. My log for Americans is now 35.—P.K.B. (Oamaru).

A Special for N.Z.

WRITING on May 8, the Director of Programmes of WKBF, Indianapolis, says: "We are planning a big broadcast for New Zealand and Alaskan listeners only. It is our wish that you will be able to pick it up and, if so, may we ask that you inform us again by letter? The test will begin at approximately 12.30 a.m., C.S.T., and end about 3.30 a.m. on the morning of June 16. Would greatly appreciate any publicity given the broadcast and in the event of several succeeding in hearing parts of it we will arrange another for your convenience." That



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It costs so little, and is so easy to assemble, yet its results will give you reception to rival ANY set. New Zealand, Australia, and Japan can be received with wonderful strength and volume on the loud speaker.

See your radio dealer to-day, and get full particulars. If you have any difficulty write to the

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LISSEN SCREEN-GRID THREE

will be the evening of June 15 here and as apparently the station is going to some trouble to entertain us we should reciprocate and give full reports. WKBF operates on 1400 k.c. (214.2 m.), power 500 watts. Their address is 540½ N. Meridian St., Indianapolis, Indiana.—"Cromdale" (Otago).

News of 2CA, Canberra.

LAATEST American loggings are:—WLS, Chicago, 870 k.c. (344.6 m.); WLAC, Nashville, 1470 k.c. (204 m.); and KFJF, Oklahoma City, 1480 k.c. (202.6 m.). I also heard a station (American, I think) on approx. 920 k.c., at 5.30 p.m. on June 1. He was fading and I could not catch his call. The following is an extract from a verification received recently from 2CA, Canberra:—

"At present I am transmitting regularly on Sunday nights only from about 8.30 p.m. with occasional unscheduled test transmissions on week-days. The tests are preliminary low power transmissions preparatory to putting on the final full-power amplifier. My input at present to the final stage is only 14 watts and it is very gratifying indeed to know that it is getting out so well."

No frequency is given, but is roughly about 1050 k.c. (285 m.). On May 28 I heard a relay from San Francisco of a reception to the Emperor of Japan. This relay was given simultaneously from KRLD, Dallas; WENR, Chicago; KOA, Denver; KGO, Oakland, and KPO, San Francisco.—N. Jenkins (Master-ton).

European Broadcasters.

IHAVE heard quite a number of European stations on the broadcast band in the early hours of the morning, but with the exception of two English stations—London Regional and London National, 261m. (1150kc.)—I have been unable to identify any of them. I wrote to the B.B.C. in December last for verification

of their National programme from London, but so far have not received any reply. I might mention that this station came in regularly every morning from November to February. The Australian stations are coming in well now in the mornings, 2NC, Newcastle from 8.30 to 9 a.m. on news and weather can be heard all over the house on speaker, but at times there are bad fades.—"Lighthouse" (Bluff).

Who is This?

WS.K. (Nelson) in the issue dated May 22, is correct. I have also heard the stations mentioned. On May 27, just before 7 p.m., I tuned in to 2ZW. While waiting for him to commence, I heard quite plainly at about R6: "Hello, Hello, Hello, 1, 2, 3," etc. The whole call took about 12 seconds, and before he said any more, 2ZW came in with a roar, completely drowning him.—L.C.A. (Aramoho).

DX Notes.

CONDITIONS have been bad up here lately for DX-ing, but the night of May 27 was an exception. KGO was heard at 5.30 p.m. broadcasting a description of a baseball match, while later in the evening, other Americans were roaring in. Latest verification is from WOXY, Covington, Kentucky.—"Yankee" (New Plymouth).

KZRM Well Received.

EARLY Sunday morning, May 31, KZRM, Radio, Manila, was coming with good strength, possibly for the reason that 3AR has shifted from its regular wavelength. Listened for about an hour—one till two—and twice station was broadcasting boxing. There were three rounds of first fight, and then a return to studio or hotel for dance numbers, one being the much tattered "Go Home and Tell Your Mother." Then back to stadium for another contest, announcer giving fighter's names and weights, and mentioning that first fight was completed in fourth round.

It was to have been a ten-rounder. Do any of the Japs have an American announcer on part time? Just after midnight on same night there was a quaint orchestral selection roaring in from JOHK, and when it finished an announcer, with a very pronounced American accent, gave the next two items, at the completion of which the Jap started off in his familiar harangue. BEF, El-

DX Competition

DX-ERS, do not forget that the next period for the DX Cup closes on June 30. By this date all logs must be in our hands. Remember that Australian stations received in daylight can be entered in the competition, and that the winner in each district receives a certificate. We have received interesting letters from DX-ers and it appears that the next competition will be keenly contested.

wood (1230 kc.), was "chirping" away after 2NC had signed off, and when I signed off at 2 a.m., 4ZO, Dunedin, was still on a dance programme.—"Windswept" (Wellington).

[Your log, considering that in your particular locality power interference from trams is bad, is excellent.—Ed.]

DX Notepaper Appreciated.

OVERSEAS stations are coming in much more strongly now the winter is setting in. My latest loggings are KRLD, WENR, IZJ, IZR, 2ZW, 3ZR, 4ZW, 2MO, and 4BC, on his new wavelength. The DX notepaper is a boon, and, no doubt, gives the DX'er a little standing. I hope all club members will

wear their badges in the street, and that it will serve as an invitation to a brother DX'er to stop and make himself known.—"Amazon" (P.N.).

Recent Loggings.

HAS any DX'er been receiving KZRM early in the evening? I can frequently hear him at 9.30 p.m.. On May 28, at 10 o'clock, he was as strong as 3AR. Popular numbers are played until 10.30 p.m., when a clock chimes the hour of 7. This is followed by weather and market reports. KFI was heard at full speaker strength on 30th, at 10 p.m., with a test programme. On the 29th, WAOI was first heard at 4 p.m., and WTAM and KMOX at 4.15 p.m. The same night I logged KTRH, Houston, Texas. I have not seen this station reported before. Two other recent loggings are KWKH and KLX.—"Ray DX" (Waikato).

2NC, Newcastle.

FOLLOWING are particulars of 2NC, Newcastle, taken from a recently received verification. The station, which is owned and operated by the P.M.G.'s Department, is situated approx. 14 miles from Newcastle, and transmits on 1245 kc. (241m.). Power, rated as input to the final stage, is 6 kw., or 2 kw. unmodulated carrier power. Transmitter is crystal controlled, and capable of 100 per cent. modulated.—A. Baker (Wanganui).

Easily Received Americans.

ON June 2, at approx. 9 p.m., KFI was coming in at R10 on a test programme. WOA1, WFAA, KTM, KNX, KPO and KSTP have been coming in at good loudspeaker strength here lately.—"Ocol" (Hawke's Bay).

N.Z. Verifications.

MANY readers report difficulty in securing verifications from certain New Zealand "B" class stations. Has any DX'er yet received a verification from 2ZW, Wellington, or IZR, Auckland?—"Kohi" (Auckland).

DO YOU LIKE GOOD MUSIC?

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THE "FARRAND" INDUCTOR DYNAMIC, and
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"The ear cannot detect any deviation from a uniform output from 5000 down to 200 cycles. Below 200 cycles the characteristic rises considerably, and at 100 cycles the amplitude developed is greater than that of a moving coil. At 50 cycles the response falls off slightly; but is still greater than that of the average moving coil speaker."

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AND REMEMBER!—NO FIELD CURRENT—NO HUM—NO EXTRA DRAIN ON YOUR BATTERIES—NO EXTRA WIRES TO THE MAIN.

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SOLE N.Z. AGENTS

The "Ranger Two"

Simple, Cheap, Efficient



THE recently-described "Differential" series of receivers has proved exceedingly popular—so much so, in fact, that for several weeks great difficulty was experienced by many readers in securing differential reaction condensers. Fresh shipments of these are now to hand, however, and may be obtained from any radio dealer.

For smooth, efficient control of oscillation, especially in short-wave work, where reaction is critical, differential condensers possess a distinct advantage over the older type, and for this reason were incorporated in the "Differential" series of receivers.

A number of correspondents, however, who have ordinary reaction condensers on hand, and who do not wish to go to the expense of purchasing the differential type, have written in asking for a modified version of the "Night Hawk" two, for use only on the broadcast band. In response to these requests, we publish below a description of the "Ranger Two."

It is a receiver of the det. audio type, and, while exceedingly easy to construct, gives excellent results. Good loudspeaker strength from the local station, provided it is not too distant, may be expected, as well as headphone reception of the main New Zealand and Australian stations.

The Coil.

THE coil is of the conventional three-winding type, and is so easy to wind that even those for whom radio is a new hobby will experience no difficulty whatever in its construction.

A three-inch length of cardboard or ebonite former two inches in diameter is first secured, and about 3-8ths of an inch distant from one end, two small holes are drilled, about 1-8th of an inch apart. One end of the 28 gauge d.s.c. wire is passed through these in turn, and then doubled back and passed through the first hole again, thus leaving the free end inside the former. A short length is left projecting for

connecting purposes 25 turns, unspaced, are now carefully wound on, and the end passed through two more holes similar to those made at first. If any difficulty is experienced in keeping the windings tight while the holes are being made, a dab of seccotine or a drawing-pin used as a temporary anchor will overcome it. Some three or four inches of wire are allowed for connecting purposes, and the remainder cut off. The primary is now complete.

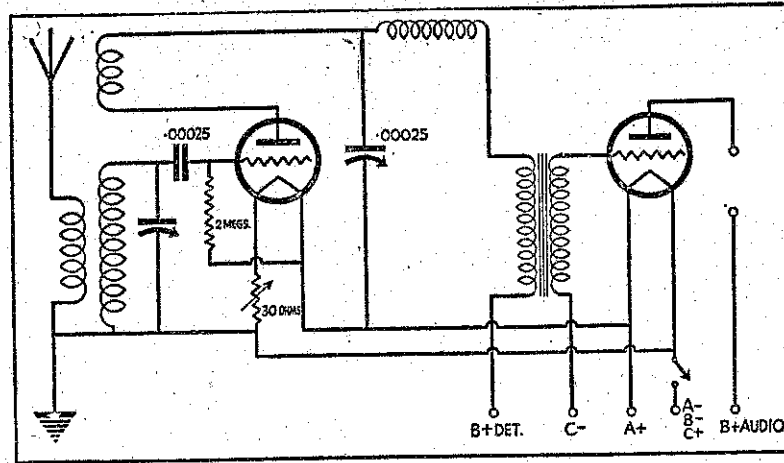
Exactly 1-8in above the primary winding make two further holes, and just as before, anchor the free end and wind on, in the same direction, 72 turns of 26 gauge d.s.c. wire. This is the secondary, and it is finished off in exactly the same manner as that described for the primary.

Now for the third and last winding—the reaction or tickler coil. This is wound on in exactly the same manner as the other two, and is commenced 1-8in. above the secondary coil. It consists of 35 turns of 28 gauge d.s.c.

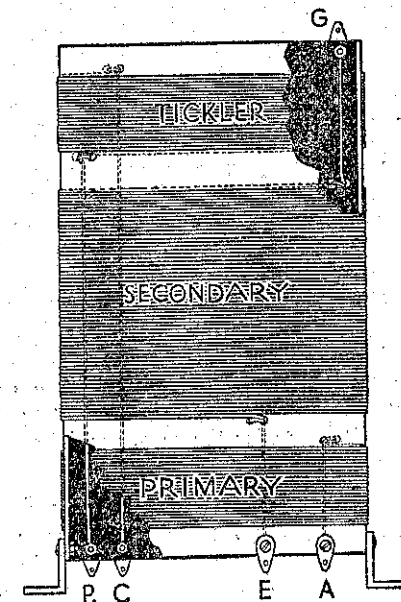
and should be wound in the same direction as the other two.

Except for the connection of the ends to the metal tags, which are mounted on the former, the coil is now complete.

Reference to the lay-out and coil diagrams indicate clearly the mounting of the tags. It will be noticed that "G," or the top end of the secondary winding, is mounted on top of the



Theoretical diagram of "Ranger Two."



The coil.

former, and all the others on the bottom. Also "E," the bottom of the secondary and the bottom of the primary, are taken to a common tag. Unfortunately this is not shown very clearly on the coil diagram.

Those who do not wish to wind their own coils may have them made up or purchase them ready made from a radio dealer.

Condensers.

WHILE the original model was constructed for a .00035 tuning condenser, it is now somewhat difficult to obtain these, and so our specifications are prepared for a .0005. Generally speaking, however, it is advisable to keep the size of the condenser down. Nevertheless, when it comes to actual performance, there is very little difference between the set using a .0005 and that using a .00035 condenser. For a .00035, 15 extra turns should be wound upon the secondary coil, and the primary and tickler increased by 3 each.

The Lay-out.

THE lay-out of the set should not give anyone difficulty, as the placing of every component is very clearly illustrated in the accompanying illustration. The order of procedure is generally to commence with the drilling of the panel, then attach the two condensers, the rheostat, switch, and the jack. The two condensers are 3in. from the top and 2 1/2 in. from the side. The switch and jack are 1/2 in. from the side and 2 in. above the base board. The rheostat is in the dead centre, lengthwise, and 5 in. from the top.

Having done this, lay out the components on the baseboard which, for convenience, might be a piece of 3in. timber, 8in. x 9in. It is wise to make the base board a little smaller than the panel, so that if at any later date it is desired to put a box round the set, the protruding panel makes a neat finish. Note particularly the way the coil is turned round and its proximity to other components. Do not screw the grid condenser (.00025 on the right) to the base board unless it is one of the wholly insulated type, such as a T.C.C. It is not a bad plan to suspend this between the grid terminal of the coil and the two megohms grid-leak. However, if the constructor decides to do this, this operation is performed during the wiring. For the two megohms grid-leak it is necessary to use a grid-leak holder, as the method of returning it to the filament is slightly differ-

The Ranger Two

Consider these prices before making your selection of parts. Remember, we do not sell inferior parts and that our prices include postage.

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ent from the ordinary method of placing it in parallel with the grid condenser.

Note particularly how the detector and audio sockets are turned round, that is, with the plate and the grid terminals and the detector valve toward the left hand side in the case of the audio valve. Be quite sure, too, that the transformer is not turned round, but that the primary winding is facing the front of the set, the secondary toward the back.

Having fastened the components and the base board in position, raise the panel and screw it to the base board, passing one inch screws through it into the end of the base. There is no need to use angle brackets for such a small set.

Just one thing more and the set is ready to commence the wiring, that is, a short piece of ebonite about once inch wide and two inches long is plated at the rear of the set, as shown, and two terminals are mounted on this. These are the only two terminals used in the set, as it is much better to make all connections to the set with a cable.

Wiring.

THE wiring is best carried out with some insulated wire, such as glazite, although ordinary cotton-covered wire of about 18 gauge can be used. Buzbar is not altogether to be recommended, as it is difficult to work, and unless one has been very carefully soldered, the joints do not hold. If buzbar wire is used, or any other bare wire for that matter, spaghetti must be slipped over the wires in order to insulate them.

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1.0005 Variable Condenser, 5/6, 8/6; 1.00025 Variable Condenser, 5/6; 2 Dials, 9d. each; Vernier, 8/6; 1 30 ohms Rheostat, 2/9; 1 Battery Switch, 1/6; 1 Single-way Jack and Plug, 1/6 each; 1 H.F. Choke, 4/6; 2 U.X. Valve Sockets, 1/4 each; 2 Terminals, 3d.; 44d., 8d.; 1.0005 or .0003 Condenser, 1/6; 1 2 megohms Grid Leak, 10d.; 1 A.F. Transformer, 8/6, 12/6, 15/-, 18/6; Coil Glazite, 7d.; 1 5-Wire Battery Cable, 9d. yd.; Panel 10 x 7, Baseboard 9 x 8, 2/-; Solder Lugs if required, 3d. and 4d. doz.; A small piece of Ebonite 2 1/2 in. wide by about 2 1/2 in. long 6d. piece; a small quantity of 28 d.s.c. Wire, 3d.; 1 lb. 28 d.s.c. Wire, 2/-; Redquick Former, 2 1/2 in. x 6 1/2 in., 9d. piece.

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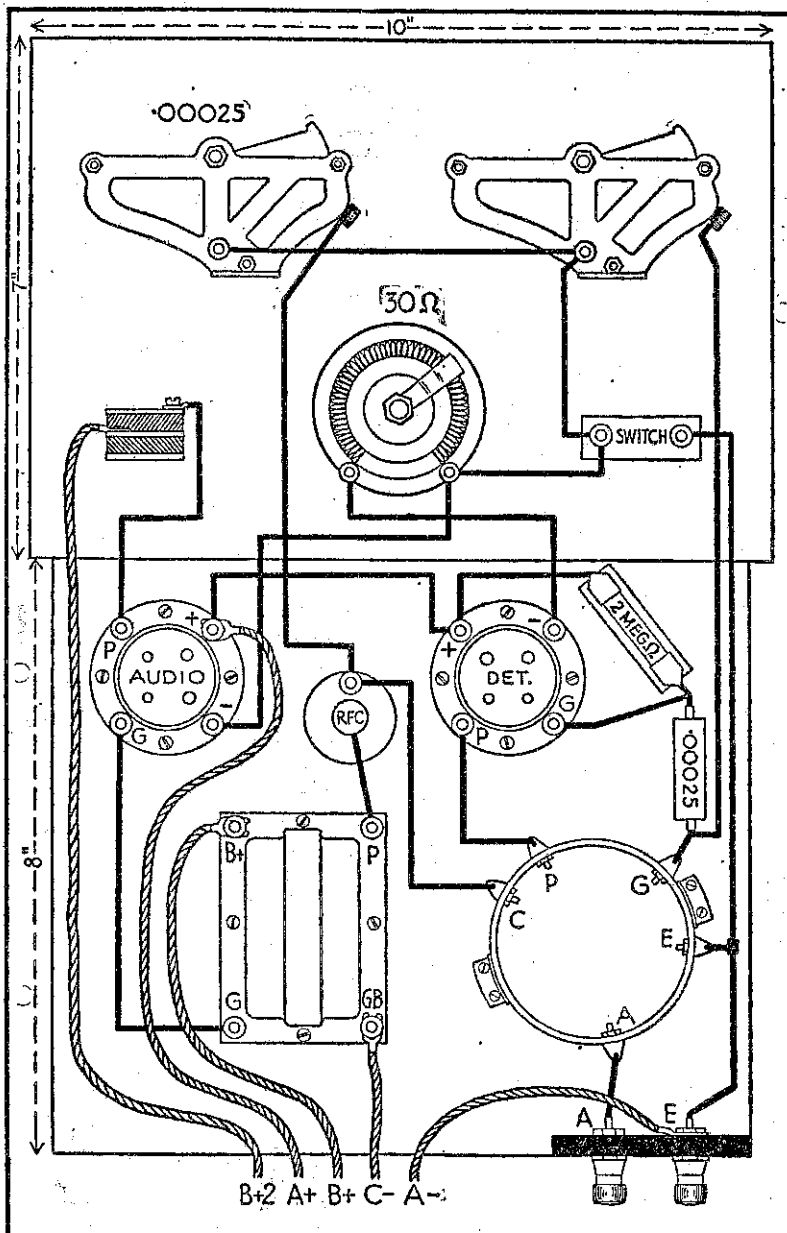
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The layout diagram of the "Ranger."

The constructor cannot go wrong in the wiring if he follows the sketch, where everything is plain and clear. Note in the sketch that all wires do not go direct, but that there are right-angled bends. Do not put these in when the set is made. They are shown right-angled and straightened in order to make things clear. Further, it will be found that when the panel is raised at right-angles to the base board, the wiring from the latter will be very much shortened and straightened. Grid and plate wire particularly should be kept short and clear of one another. Do not take them half-an-inch further than they should go. It will be found that the cable is best connected by stripping about a foot and stapling it to the centre of the back of the baseboard. The wires can then be taken out to their destinations and cut to the right size. They are shown in the diagram with tags attached. These are, of course, optional, for the wire can be twisted round the terminal to which they go.

Note in connecting up the batteries that "A-", "B-", and "C+" are all connected together outside the receiver.

For batteries, the following are recommended:—"A" battery depending upon

the valves. If 2-volt type is used, such as the new Radiotron 230, two number 6 cells (or an air cell) must be provided and the voltage controlled by the rheostat. Remember if this type is

used, two volts must under no circumstances be exceeded. For this reason the rheostat should never be turned on full. It is advisable to use a voltmeter with these valves. The other types of 2-volt valves are not quite so delicate, though in general the rheostat should not be turned on fully. A good rule is to start operating your set with the rheostat turned so that the maximum resistance is in and bring it up gradually, stopping when the station listened to is at its maximum. Do not turn past this point under any circumstances.

Possible Faults.

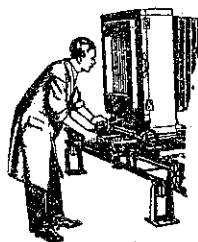
DETAILING possible faults is always a difficult plan because, if the instructions have been followed carefully, there will be no faults, and if they have not been followed, it will be impossible for us to say where the constructor might have gone wrong. Always try varying the detector voltage. Probably the best results will be obtained with 22½ to 45 volts on this valve.

HERE is the list of parts:—One

.0005 variable condenser; one .00025 variable condenser; two dials; one 30 ohms rheostat; one battery switch; one single-way jack and plug; one h.f. choke; two U.K. valve sockets; two terminals; one .0005 or .0003 condenser; one 2 megohms grid-leak; one A.F. transformer; Coil Glazite; one 5-wire battery cable; panel, 10 x 7; baseboard, 9 x 8; solder lugs if required; a small piece of ebonite, 3 1/2 in. wide by about 2 1/2 in. long; a small quantity of 28 d.s.c. wire; 1 lb. 26 d.s.c. wire.

Rough and ploppy oscillation indicates that the voltage is too high. Reduce until oscillation is smooth and even. Ploppy oscillation is also due to a defective grid leak or wrong coupling between primary and secondary coils. However, if the instructions are followed and a space of 1-8 in. left between these coils, there will be no difficulty. It is usual to keep the number of tickler turns fairly high, and the detector voltage fairly low. When the set will not oscillate it is due, in nine cases out of ten, to the tickler connections being reversed. If the windings are put on the wrong way, or if the ends are connected "about face," then the set will not oscillate, but just reverse these and it will be found to be quite satisfactory.

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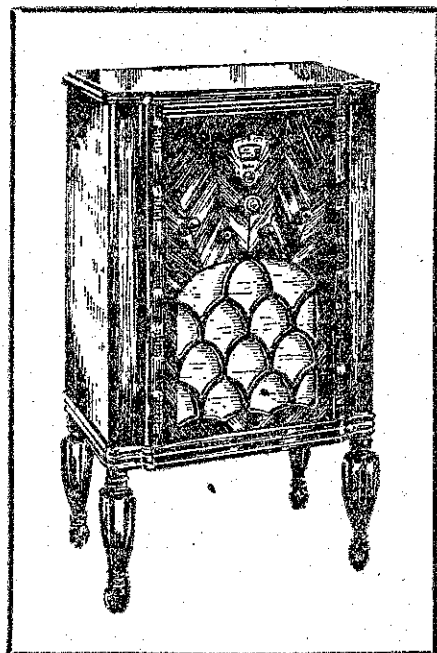
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FEATURE PEEPS

... at ...

FUTURE PROGRAMMES

SUNDAY

From 1YA

A PORTION of the organ recital to be given by Mr. Maughan Barnett in the Town Hall will be relayed in the afternoon. Divine service will be relayed from St. David's Church. The after-church studio programme will be provided by the Orchestral Octet (under the direction of Harold Baxter), Nellie Lingard (contralto), and Laurie Stuart (a singer new to 1YA).

2YA Notes

THE evening service to be conducted in St. Gerard's Redemptorist Church will be broadcast, and at 8.15 p.m. the recital of the Royal Naval Volunteer Reserve Band, under the conductorship of Mr. Henry Baker, will be relayed from the De Luxe Theatre.

Christchurch Topics

THE Rev. J. LAWSON ROBINSON will be the preacher at St. Andrew's Presbyterian Church, Christchurch, when the service will be broadcast. Mr. R. Lake will be the organist and Mr. J. Maclean the choir-master. The after-church concert at 4YA will be relayed by 3YA.

Items from 4YA

THE service to be conducted in Moray Place Congregational Church, the Rev. Albert Mead being the preacher and Mr. Alfred Walmsley the choir-master. Concerted vocal numbers will be a feature of the after-church concert, and will include part songs and the famous quartet from "Rigoletto."

MONDAY

Wellington Notes

AT 11.12 Miss Christlain will give a talk on "Cooking," and at 11.37 an instructional talk will be delivered by a representative of the Red Cross Society.

The "Musical Portrait" will be another aspect of Mendelssohn, this portion of the programme being relayed from Taranaki Street Methodist Church.

Mr. H. Temple White will play as organ solos the graceful "Spring Song" and "Cornelius March," and with Miss Zillah Castle, L.A.B., violinist, will present the "Andante" from Mendelssohn's "Concerto in E Minor." Two of Mendelssohn's part songs will be sung from the church by a mixed quartet. An outstanding number from the studio will be a quartet, "Dawn's Awakening," sung by the ever-popular Ariel

Singers. This is a very beautiful arrangement of a number from Grieg's "Peer Gynt Suite," and has not previously been performed at 2YA. The Ariel Singers will sing two other quartets, and also a delightful trio, "The Galway Piper," an arrangement of an old Irish air, besides solo numbers and duets.

The Orchestrina will provide accompaniments for most of the vocal items, and will also play a selection from "La Boheme," "The Valse Militaire," and the "Valse Caprice."

3YA Selections

THOSE interested in books will be pleased to hear that Mr. E. J. Bell, Librarian at the Public Library, Christchurch, will give monthly reviews of books. These, with the monthly talks now given by Mr. E. E. Wiltshire, president of the Linwood Public Library, will provide 3YA listeners with a review every fortnight. Mr. Wiltshire's reviews will be confined to fiction, while

Mr. Bell will deal with other writings. The concert programme will be provided by the Woolston Band, under R. J. Estall, 3YA artists supporting.

Items from 4YA

THE speaker for the international lecturette from 4YA will be Professor Benham. His theme will be "The Development of the International Outlook," and it is based on a recent tour in foreign lands, with special reference to Algeria.

TUESDAY

Auckland Features

AT 7.40, Mr. N. M. Richmond, under the auspices of the W.E.A., will speak on "Crime and the Criminal." The speaker for the international programme will be Mr. A. B. Chappell, who will take as his subject, "The Pacific—Yesterday, To-day, Tomorrow."



The famous pianoforte virtuoso, Mischa Levitzki, who is to revisit Wellington to give recitals. On Monday, June 15, he will speak from 2YA.

—M. Elizabeth Greenwood, photo.

FEATURETTES

Mendelssohn

2YA, Monday.

W.E.A. Debate

3YA, Wednesday.

Orpheus Musical Society

2YA, Thursday.

Professor Zimmerman

3YA, Thursday.

Scottish Night

2YA, Saturday.

From Wellington

AT 11.12 Mrs. T. W. Lewis will give a talk on "Fashions," and at 11.37 there will be a lecturette by a member of the Plunket Society. The weekly educational session will commence at 2 p.m., and at 7.40 there will be a lecturette by a representative of the Agricultural Department.

In a popular type of programme the Salon Orchestra, under Mat Dixon, will supply the incidental music, while The Melodie Four will supply the major portion of the vocal items.

Dunedin Items

ANOTHER of the series of talk on "The Origins of Music" will be given from 4YA by Mr. Crossley Clitheroe, under the auspices of the W.E.A.

THE Dunedin Tramways Band, under Mr. Chas. T. Morgan, will provide the concert programme, which will be of a popular miscellaneous nature.

Silent day at 3YA.

WEDNESDAY

1YA Notes

FROM 12.30 to 1.30 p.m. community singing will be relayed from the Town Hall.

The Birkenhead Municipal Band, under the conductorship of Lieut. J. T. Lighton, will provide the evening programme, their numbers including a selection, "H.M.S. Pinafore"; an overture, "Scenes from Operaland"; a selection from "Maritana," and a waltz. The Clarion Quartet will provide the vocal programme, which will be of a miscellaneous nature.

Wellington Features

THE morning talks from 2YA will be given by Miss Speed on "Fashions," and by Miss Flora McCormack on "Hollywood Affairs." At 7.40 p.m. Mrs. Albert Russell will give another of her interesting talks on "The Art of Successful Living."

During the presentation of the international programme at 2YA, Dr. Guy H. Scholefield, O.B.E., will lecture on a topic of international importance.

From 3YA

An inter-city debate by teams representing the W.E.A. of Christchurch and the W.E.A. of Dunedin will be broadcast by 3YA and 4YA. The subject will be "That the Democratic Control of the State has outlived its usefulness."

In the second half of the programme from 3YA the Valencia Quartet will sing a number of popular concerted numbers, such as "John Peel," "Sing a Song of Sixpence," "The Lass of Richmond Hill," and "Golden Slumbers Kiss Your Eyes."

At Dunedin

THE second half of 4YA's programme will be provided by well-known 4YA artists. The Home Science Extension Department of Otago University will give a talk from 4YA at 7.15 p.m. on "Some Tomato Dishes." At 7.15 Mr. J. O. Wallace will discuss "Some Points in Fencing."

THURSDAY

1YA Notes

ANOTHER of the entertaining talks under the auspices of the New Zealand Manufacturers' Association will be broadcast at 7.40. The Auckland



NORAH GRAY,

whose dainty soprano songs are eagerly looked forward to by Wellington audiences. Listeners to 2YA on June 19 will find their expectations fully realised.

—S. P. Andrew, photo.

land Savage Club Orchestra, under Mr. Archie Don, will provide a studio programme. This will be bright and varied entertainment.

Wellington Features

A LECTURETTE on cooking will be broadcast at 11.12 a.m. At 11.37 a.m. there will be a talk under the auspices of the Health Department entitled "Fresh Fruits' Dietary Value" to be given by Mr. E. R. Myers. During the afternoon session there will be a W.E.A. lecturette entitled "Fear and Feelings of Inferiority." At 3.15 the weekly home science talk is scheduled. At 7.40 p.m. Mr. W. Priestley will be heard in another of his series of talks on "Modern Ballroom Dancing."

From the Y.W.C.A. Hall, a concert to be presented by the Orpheus Musical Society, under the conductorship of Mr. Harrison Cook, will be relayed.

The first part will be the vocalisation of "England Expects," by Hubert Bath. The numbers included are descriptive of the various phases of the Battle of Trafalgar. The second part will be the presentation of a pastoral, "The May Queen," by Sir W. Sterndale Bennett.

Broadcast from 3YA

PROFESSOR R. C. ZIMMERMAN will make his next appearance this evening, when admirers of this fine violinist will have the opportunity of hearing him playing works by Wagner, Wieniawski, Schuman, and Handel.

The popular "Traumerei" will be one of the numbers. From 9.30 till 11 p.m. a programme of dance music will be provided by Lyndon Christie's Rhythmic Symphonists.

FRIDAY

Notes from Auckland

PATRICIA McLEOD'S fine soprano voice will be heard in several numbers this evening, including "The Last Rose of Summer," "Il Bacio" and "Phyllis is My Only Joy," the last

mentioned being an old English tune. Mr. Robt. McKnight, an exponent of the English concertina, will provide several melodies on that instrument. The orchestral numbers on the programme will be provided by the 1YA Octet, under Mr. Harold Baxter.

Selections from 2YA

MRS. THOMAS will broadcast her weekly talk on "Fashions," and Mr. B. Brickman will again interest the ladies in a lecturette entitled "Beauty Culture in All its Phases." At 7.40 p.m., Mr. Dan. McKenzie will give a talk on "The Laws of Rugby."

A feature of the concert programme will be the items by the Waiata Quartet. In this combination of ladies



KATHLEEN FERRIS.

A Brilliant Lyric Soprano, who is taking a solo part in "The May Queen," to be presented by Harrison Cook from 2YA next week.

—S. P. Andrew, photo.

each vocalist is of very high standard and in concerted work they are a delight to listen to. They will be heard in quartets, duets and solos. Also on this programme will be the popular guitar duo, Berthold and Bent, their items including "Down the River of Golden Dreams," "Southern Blues," "One Lovely Night," and "Hawaiian Blues." The Orchestra, under Signor A. P. Truda, will supply the incidental music, and will feature the

two-step "2YA," the words of which were written by Claude Douglas, of Wellington, with music composed by Professor Savini, of Christchurch.

From 3YA

Excerpts from the comic opera "Dorothy" in solo and chorus form will be featured on 3YA's programme, the vocalists being the Melodious Quartet.

Items from Dunedin

THE 4YA Sextette will present a variety of items—a selection from "The Quaker Girl," "Beautiful Ohio," "Prince of India," "Betty," and several of the latest popular hits. On the vocal side of the programme, quartets sung by the Harmonists will be the feature. These will include two humorous choruses, "Three Songs from 'Pillcock Hill'" and "The Hums of Pooh."

SATURDAY

Auckland Selections

FROM the Auckland Town Hall a concert to be given by the Municipal Choir, under the conductorship of Mr. Maughan Barnett, will be relayed and broadcast.

Notes from 2YA

A SCOTTISH night will be the order of the programme. The Salon Orchestra, under Mr. M. T. Dixon, will supply the instrumental portion of the programme, which will include all the well-known Scottish selections and melodies. Mr. Wm. Smith will be heard in bagpipe items of his own arrangement, entitled "Scottish Medley." The vocal portion will comprise quartets, duets and solos well known and beloved by all. The programme is of outstanding merit and of a most interesting nature.

The artists responsible are well known to listeners, and include Mr. and Mrs. Ray Kemp, Miss Greta Stark, Mr. Will Hancock, Mr. and Mrs. George Stark.

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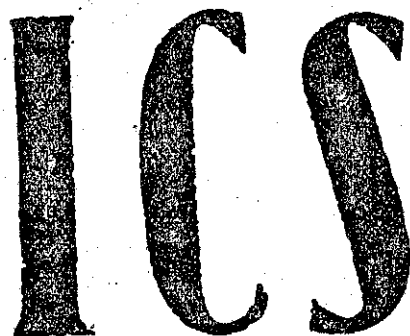
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Wednesday

10.0 : Chimes. Selected gramophone recordings.

11.0 : Miscellaneous—11.12 a.m., Lecturette, "Home Sewing"; 11.37 a.m., Lecturette, "Hollywood Affairs."

12.0 : Lunch hour music.

3.0 : Selected gramophone recordings.

3.30 and 4.30: Sporting results to hand.

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

6.0 : Dinner music session (Parlophone)—

Edith Lorand Orchestra, "Tales of Hoffman" Fantasia (Offenbach).

Dajos Bela String Orchestra, "Goldregen" (Waldteufel) (A4238).

Otto Dobrindt and His Symphony Orchestra, "Speak Not of Love Eternal" (Granichstaedten) (A4275).

Dajos Bela Orchestra, "I Pagliacci" Selection (Leoncavallo) (A4090).

Sandor Jozszi Orchestra, "Polo" (Fetras) (A2851).

Berlin State Opera House Orchestra, "Rustle of Spring" (Sinding).

Dajos Bela Orchestra, "Delirien" Waltz (Strauss) (A4182).

Edith Lorand Orchestra, "Prelude" (Rachmaninoff) (A4040).

Dajos Bela Orchestra, "Count of Luxembourg" Waltz (Lehar).

Sandor Jozszi Orchestra, "Marionette's Wedding March" (Rathie).

Berlin State Opera House Orchestra, "Praeludium" (Jarnefeldt).

Dajos Bela String Orchestra, "Gold and Silver" (Lehar) (A4238).

Edith Lorand Orchestra, "Liebesfeier" (Weingartner) (A4040).

Mitja Niklsch and His Symphony Orchestra, "Madelon"—Dream Waltz.

7.0 : News session, market reports and sports results.

7.25: Lecturette—Mrs. Albert Russell, "Rejuvenating."

7.45: Relay of the Official Opening of the Wellington Radio Exhibition by the Postmaster-General, Hon. J. B. Donald, from the Town Hall.

1. Opening Scene—"Maori Welcome" The Company

2. Solo—Selected Miss Eileen Grannell

3. Poi Dance—(a) Single, (b) Double, Otaki Poi Girls

4. Part Song—Selected Maori Party

5. Violin Solo—Selected Hemi Rikihana

6. Action Song Poi Girls

7. Solo—"Ka mate ka mate" Henare Tahliwi

8. Maoris at Home The Company

Interval (10 minutes).

9. Poi Dance—Canoe Poi Otaki Poi Girls

10. Violin Solo—Selected Hemi Rikihana

11. Quartet The Company

12. Solo—Selected Mrs. H. Roiri

13. Poi Dance—Long Poi Poi Girls

14. Part Song The Company

15. Haka The Company

"God Save the King."

9.0 : From the Studio—Weather report and station notices.

9.2 : Selection—2YA Orchestrina (conductor, Signor A. P. Truda), "Madame Butterfly" (Puccini); Dance "Polonaise Militaire."

9.17: Humour—Horace Kenney, "A Music Hall Trial Turn" (Kenney).

9.25: Baritone with orchestra—Mr. Dan Foley, (a) "Gipsy Love Song" (Herbert); (b) "Little Town in the Ould County Down" (Sanders).

9.31: Selection—2YA Orchestrina, "From A to Z" (arr. Geiger).

9.46: Baritone—Mr. Dan Foley, with orchestral accompaniment, (a) "Achal by the Sea" (Lawrence); (b) "The Menin Gate" (Bowen).

9.52: Concert waltz—2YA Orchestrina, "Dolores" (Waldteufel); March, "Terre de la Victoire" (Ganne).

10.2 : "God Save the King."

Thursday

10.0: Chimes. Selected gramophone recordings.

11.12: Lecturette—"Cooking"—Under the auspices of the Health Department.

11.37: Lecturette—"Sleep"—Under the auspices of the Health Department.

12.0 : Lunch hour music.

2.0 : Miscellaneous.

3.0 : Selected gramophone recordings.

2YA, Saturday.

Relay of Concert

from the

Concert Chamber

by the

Wellington

Commercial Travellers

and Warehousemen's

Assn.

Male Voice Choir

under the conductorship

of

John Bishop

Friday

10.0 : Chimes. Selected gramophone recordings.

11.12: Lecturette—"Fashions."

11.37: Lecturette—"Beauty Culture in all its Phases."

12.0 : Lunch hour music.

2.0 : Miscellaneous.

3.0 : Selected gramophone recordings.

3.30 and 4.30: Sporting results to hand.

5.0 : Children's session, conducted by "Uncle Jim" and "Story Book Lady."

6.0 : Dinner music session.

The Philharmonic Orchestra, Berlin, "The Gipsy Baron" (Strauss).

Heerman Trio, "Pierrette" (Chaminade) (Brunswick 4228).

Brunswick Hour Orchestra, "Only a Rose" (Hooker, Friml).

Symphony Orchestra, "Eva" Medley (Lehar) (Polydor 27013).

New Light Symphony Orchestra, "Spanish Dance, No. 1."

Brunswick Concert Orchestra, "The Perfect Song" (Brell).

Symphony Orchestra, "Frederick" Medley (Lehar) (Polydor 27070).

New Light Symphony Orchestra, "Spanish Serenade" (Bizet).

Brunswick Concert Orchestra, "Sylvia" (Speaks) (Brunswick 4632).

Heerman Trio, "Dalvisa" (Sandby) (Brunswick 4228).

Paul Godwin's String Orchestra, "Lehariana" (arr. Geiger).

7.0 : News session, market reports and sports results.

7.40: Lecturette—Mr. Dan McKenzie, "The Laws of Rugby."

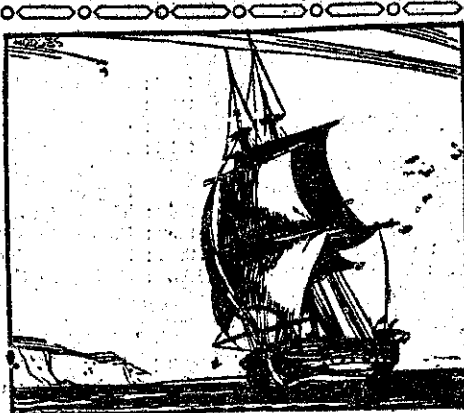
Exhibition Programmes

FRIDAY—Continued

- 8.0 : Chimes. Relay of Wellington Radio Exhibition Programme by Otaki Maori Party from the Town Hall.
- 9.0 : From the Studio: Weather report and station notices.
- 9.2 : Selection—2YA Orchestrina (conductor, Signor A. P. Truda), "Dancing Mistress" (Monckton); "Rhapsodie Russe" (Nassbaum).
- 9.17: Baritone—Mr. Reg. Blow, with orchestral accompaniment, (a) "The Yeomen of England" (German); (b) "Uncle Rome" (Homer).
- 9.23: Cello—Gaspar Cassado, (a) "Papillon" (Fraure); (b) "Arlequin."
- 9.31: Selection—2YA Orchestrina, "Stop Flirting" (Gershwin).
- 9.40: Baritone—Mr. Reg. Blow, with orchestral accompaniment, (a) "Beloved it is Morn" (Aylward); (b) "A Little Irish Girl" (Lohr).
- 9.46: Winkler Trio, (a) "Schiebel Waltz" (Schrammel); (b) "Forest Songsters" (Ziehrer), (Polydor 22965).
- 9.52: Medley—2YA Orchestrina, "The Girl with the Baby Stare" (Von Blon).
- 10.0 : Dance Programme (Columbia)—
Foxtrots—Ben Selvin and His Orchestra, "The Rogue Song."
Stellar Dance Band, "Harmony Heaven" (Vincent).
Paul Tremaine and His Orchestra, "There's One More River to Cross." (DO98).
Waltz—Guy Lombardo and His Royal Canadians, "Lazy Louisiana Moon" (Donaldson) (DO128).
- 10.12: Foxtrots—Rhythmic Troubadours, "Without You, Emaline" (de Rose) (Regal G20764); "You're the Sweetest Girl."
Guy Lombardo and His Royal Canadians, "Where the Golden Daffodils Grow" (Archer) (DO128).
- 10.21: Vocal—Art Leonard, "Ten, Twenty, Thirty Years Ago" (O'Hagan).
- 10.24: Foxtrots—Ipana Troubadours, "Blue is the Night" (Fasher).
Rhythmic Troubadours, "I'm in the Market for You."
Ipana Troubadours, "Whip-poor-will" (de Voll) (DO125).
- 10.35: Waltzes—Stellar Dance Band, "I'll Always be Dreaming of Mary."
The Columbia Photo Players, "Dream Lover" Waltz (Schertzing).
Foxtrots—Ben Selvin and His Orchestra, "When I'm Looking at You."
Rhythmic Troubadours, "My Future Just Passed."
- 10.45: Vocal—Art Leonard, "Around the Corner" (Kahn) (G20760).
- 10.48: Foxtrots—Paul Tremaine and His Orchestra, "Swing Low Sweet Chariot" (arr. Paul Tremaine) (DO98).
Fred Rich and His Orchestra, "For You" (Roemheld).
The Columbia Photo Players, "My Love Parade."
Fred Rich and His Orchestra, "Dream Avenue" (Richman).
- 11.0 : "God Save the King."

Saturday

- 3.0 : Chimes. Relay of Rugby football match from Athletic Park.
- 5.0 : Children's session, conducted by Aunt Molly.
- 6.0 : Dinner music session (Parlophone)—
Dajos Bela Orchestra, "Faust" Waltz (Gounod) (Parlophone A4010).
Major Bowes Capitol Theatre Trio, "My Isle of Golden Dreams."
Barnabas von Geczy and His Orchestra, "Softly, as in a Morning Sunrise" (Romberg) (A2892).
Berlin State Opera House Orchestra, "The Mastersingers" Overture.
Barnabas von Geczy and His Orchestra, "Pardon, My Lady" Tango.
Dajos Bela Orchestra, "Vienna Bon Bons" Waltz (Strauss) (A4056).
Grand Symphony Orchestra, "Polonaise No. 1 in A" (A4089).
Barnabas von Geczy and His Orchestra, "One Kiss" Waltz (A2892).
Pavilion Lescant Tango Orchestra, "In a Little Cafe" Tango (A2898).
Major Bowes Capitol Theatre Trio, "Pale Moon"



"England Expects"
From 2YA
THURSDAY, JUNE 18
Portion of Programme
By the
ORPHEUS MUSICAL SOCIETY
Under
Harrison Cook

Dajos Bela Orchestra, "The Swallows" Waltz (Strauss) (A4010).

Grand Symphony Orchestra, "Hungarian Dances, Nos. 5 and 6."

Frank Westfield's Orchestra, "The New Sullivan" Selection" (A2679).

Dajos Bela Orchestra, "Roses of the South" Waltz (A4056).

7.0 : News session, market reports and sports results.

7.40: Lecture—Mr. Christopher Perkins, a W.E.A. Lecture, "The Museum of the Future."

8.0 : Chimes. Relay of Wellington Radio Exhibition Programme by the Otaki Maori Party from the Town Hall.

9.0 : From the Studio—Weather report and station notices.

9.2 : Relay from the Concert Chamber, Town Hall, of concert by the Wellington Commercial Travellers' and Warehousemen's Association Male Voice Choir.

10.0 : Dance programme from the studio (H.M.V.):
Foxtrots—Jack Hylton and His Orchestra, "The King's Horses."

Ted Weems and His Orchestra, "My Baby Just Cares for Me."

Nat Shilkret and His Orchestra, "Dixiana" (EA799).

Ted Weems and His Orchestra, "A Girl Friend of a Boy Friend of Mine" (Kahn) (EA800).

10.12: Waltz—Nat Shilkret and His Orchestra, "Dancing With Tears in My Eyes" (Dubin)

Foxtrots—The High Hatters, "Anchors Aweigh" (EA765).

Jack Hylton and His Orchestra, "Adeline" (EA820).

The High Hatters, "The Mug Song" (Gaskill) (EA765).

10.24: Vocal—Aileen Stanley, "Swingin' in a Hammock" (EA808).

10.27: Foxtrots—Nat Shilkret and His Orchestra, "How are You To-night in Hawaii?" (Leslie) (EA819).

Nat Shilkret and His Orchestra, "Mr. and Mrs. Sippl."

Green Brothers' Marimba Orchestra, "Lo Lo" (Zono. EE217).

Nat Shilkret and His Orchestra, "Why Have You Forgotten Waikiki?"

10.39: Waltz—International Novelty Quartet, "Jolly Fellows" (Zono. 5667).

Foxtrots—Marimba-Centro Americana, "Forget You? Never!"

International Novelty Quartet, "Knocked 'Em in the Old Kent Road" (Ingle) (Zono. 5667).

10.48: Vocal—Aileen Stanley, "I Love You So Much" (EA808).

10.51: Foxtrots—Ben Bernie and His Orchestra, "It's a Lonesome Old Town."
Waring's Pennsylvanians, "Little White Lies."

Ben Bernie and His Orchestra, "Au Revoir—Pleasant Dreams" (Meskill) (Brunswick 4943).

11.0 : Sporting summary.

11.10: "God Save the King."

Note:—This programme will be interrupted to allow of a presentation to be made to the amateur transmitters from the Hawke's Bay district who did such good work in the recent earthquake. Those receiving the presentation will be Messrs. J. E. Tyler, Mills and Hands.

EXCERPTS FROM NEXT WEEK'S PROGRAMME.

MONDAY, JUNE 15—"Twenty Minutes with Mendelssohn's Music" by H. Temple White and assisting artists; to include "Spring Song" (organ solo).

TUESDAY, JUNE 16—The Melodie Four and Miss Gwladys Edwardes.

WEDNESDAY, JUNE 17—Specially recorded international programme, including a talk by Dr. Guy H. Scholefield, O.B.E.

THURSDAY, JUNE 18—Relay from Y.W.C.A. of a concert by the Orpheus Musical Society, under Mr. Harrison Cook. This will include "England Expects," being the musical version of the ballade of the Victory. The numbers are descriptive of the various phases of the historic battle.



Full Programmes for Next

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Sunday, June 14

1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, JUNE 14.

- 2.0 : Selected recordings, and relay of portion of Organ Recital by the City Organist, Mr. Maughan Barnett, from the Auckland Town Hall.
- 6.0 : Children's Song Service, conducted by Uncle Bert.
- 7.0 : Relay of Divine Service from St. David's Church.
- 8.30 (approx.) : Symphony Orchestra, "La Tosca" Selection (Puccini).
 Contralto—Miss Nellie Lingard, "Happy Days" (with flute obligato).
 Orchestral Octet, under the direction of Mr. Harold Baxter, "Slav Dance No. 6" (Dvorak); "Valse Lyrique" (Sibelius).
 Baritone—Mr. Laurie Stuart, (a) "A Song of the Homeward Bound" (Coningsby Clark); (b) "Roadways" (Lohr).
 Intermezzo—Orchestral Octet, "Fairyland" (Voelker); Orchestral, "Andante from 5th Symphony" (Tschalkowsky).
 Evening weather forecast and announcements.
 The Balalaika Orchestra, Gorskaja, (a) "Der Mond Leuchtet" (Trad'l); (b) "Russian Folk Songs" (Trad'l) (Polydor 20585).
 Contralto—Miss Nellie Lingard, (a) "Bird of Morn" (Sharpe); (b) "When I Hear a Song Lark" (Brahe).
 Paul Godwin's Quartet, (a) "Concerto No. 2 in D Minor" (Wieniawski); (b) "Legende D'Amour" (Bece) (Polydor 19456).
 Idyl—Orchestral Octet, "Summer" (Gernert); Intermezzo, "Ivresse D'Amour" (Kapeller); (b) "Serenade" (Ern).
 Baritone—Mr. Laurie Stuart, (a) "Sons of the Sea" (Coleridge-Taylor); (b) "Give a Man a Horse he Can Ride" (O'Hara).
 Male quartet—Fritz Pries's Quartet, (a) "Inder Pfalz" (Beda-Benes); (b) "Lebwohl, Schwarzbraunes Magdelein" (Erwin-Beda) (in German) (Polydor 23746).
 Suite—Orchestral Octet, "On Jhelum River" (Woodforde-Finden).
 10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, JUNE 14.

- 3.0 : Afternoon session of selected gramophone recordings.
- 6.0 : Children's song service conducted by Uncle George, assisted by the Children's Choir from the Vivian Street Baptist Church.
- 7.0 : Relay of evening service from St. Gerard's Redemptorist Church, Hawker Street, Wellington.
- 8.15 (approx.) : Relay of Band Recital by the Royal Naval Volunteer Reserve Band from the De Luxe Theatre (Conductor, Mr. Harry Baker).
 God save the King.

3YA, CHRISTCHURCH (930 KILOCYCLES)—SUNDAY, JUNE 14.

- 3.0 : Gramophone recital.
- 5.30 : Children's song service by children of the Presbyterian Sunday Schools.
- 6.15 : Chimes from studio.
- 6.30 : Relay of evening service from St. Andrew's Presbyterian Church. Preacher, Rev. J. Lawson Robinson; organist, Mr. R. Lake; choir conductor, Mr. J. Maclean.
- 7.45 : Musical recordings from studio.
- 8.15 (approx.) : Relay of programme from 4YA, Dunedin.
- 10.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, JUNE 14.

- 3.0 : Afternoon session.
- 5.30 : Children's song service, conducted by Big Brother Bill.
- 6.15 : Instrumental recordings.
- 6.30 : Relay of evening service from Moray Place Congregational Church. Preacher, Rev. Albert Mead; choirmaster, Mr. Alfred Walmsley.
- 7.45 (approx.) : Selected recordings.
- 8.15 : Studio concert. Vocal portion arranged by Mr. Ernest Drake. Selection—Paul Godwin's Orchestra, "Eugin Onegin" (Tschalkowsky).
- 8.23 : Part-songs—The Chorus, (a) "The Lass of Richmond Hill" (Hook); (b) "Sleep, Gentle Lady" (Bishop).
 Contralto—Miss Mary Pratt, "The Enchantress" (Hatton).
- 8.32 : Selection—Instrumental sextet (Director, Mr. A. H. Pettitt), "Glory of Russia" (Krein).
- 8.44 : Duet—Misses Evelyn Shepard and D. Sligo, "January and February."
- 8.49 : Violin—Miss Betty Garland, (a) "Hejare Kati" (Hubay); (b) "Song of India" (Rimsky-Korsakov).
- 8.55 : Tenor—Mr. Ernest Drake, "All Hall, Thou Dwelling" (from "Faust").
- 8.59 : Selection—The Sextet, "Les Bacconniers" Overture (Offenbach).
- 9.5 : Weather report and station notices.
- 9.7 : Piano—Mrs. C. Drake, "Fantasia in C Minor" (Bach).
- 9.10 : Quartet—Misses L. de Clifford, Mary Pratt, Messrs. J. E. Davies and W. Kershaw, "Rigoletto Quartet" (Verdi).

- Baritone—Mr. S. Kershaw, "Elegie" (Massenet).
- 9.19 : Selection—The Sextet, "The Gondollers" (Sullivan).
- 9.29 : Duet—Misses Aileen Young and Evelyn Shepard, "May and June."
- 9.32 : Organ—Archer Gibson, "The Old Refrain" (Kreisler) (Zono. EF35).
- 9.36 : Part-songs—The Chorus, (a) "As Torrents in Summer" (Elgar); (b) "By Babylon's Wave" (Gounod).
 Soprano—Miss Dorothy Sligo, "Lo, Here the Gentle Lark" (Bishop).
- 9.48 : Cello—Orlando de Castro, "At the Fountain" (Davidson) (Parlo).
- 9.52 : Part-song—The Chorus, "A Spring Song" (Pinsuti).
- 9.55 : Selection—The Sextet, "The Gascon" Overture (Suppe).
- 10.3 : God save the King.

3YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, JUNE 14.

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

Monday, June 15

1YA, AUCKLAND (900 KILOCYCLES)—MONDAY, JUNE 15.

SILENT DAY.

2YA, WELLINGTON (720 KILOCYCLES)—MONDAY, JUNE 15.

- 10.0 a.m. : Chimes. Selected gramophone recordings.
- 11.12 : Lecturette—"Cooking."
- 11.37 : Lecturette—"Health Hints or First Aid."
- 12.0 noon : Lunch hour music.
- 3.0 : Selected gramophone recordings.
- 3.30 and 4.30 : Sporting results to hand.
- 5.0 : Children's session, conducted by Uncle Jeff.
- 6.0 : Dinner music session (H.M.V.)—
 International Novelty Orchestra, "Emperor" (Strauss) (Zono. EF22)
 Organ—Sydney Gustard, "Poupee Valsante" (Poldini) (B3318).
 International Novelty Orchestra, "Gold and Silver" (Lehar) (Zono).
 Paul Godwin's Orchestra, "The Modest Suzanne" (Gilbert) (Polydor).
 The Palladium Orchestra, "The Grasshoppers' Dance" (Bucalossi).
 Band of H.M. Coldstream Guards, "Morning, Noon, and Night" (Suppe)
 The Rhythmic Eight, "Neapolitan Nights" (Zamecnik) (Zono. EF106)
 The Palladium Orchestra, "La Siesta" (Barcarolle) (Norton).
 Zonophone Salon Orchestra, "Love's Garden of Roses" (Haydn-Wood).
 Organ—Sydney Gustard, "Un Peu d'Amour" (Silesu) (B3318).
 Zonophone Salon Orchestra, "Mighty Lak a Rose" (Nevin) (Zono).
 Marek Weber and His Orchestra, "Faust" Selection (Gounod).
 Band of H.M. Coldstream Guards, "Pique Dame" Overture (Suppe).
- 7.0 : News session, market reports and sports results.
- 8.0 : Chimes. Overture—Court Symphony Orchestra, "The Windmill Man."
- 8.9 : Bass—Mr. J. M. Caldwell, "My Sword for the King" (Michael Head).
 Quartet with orchestra—Ariel Singers, "Dawn's Awakening," from "Peer Gynt Suite" (Grieg, arr. Page).
- 8.16 : Cello—Hans Bottermund, "Adagio from Concerto in D Major" (Haydn)
- 8.22 : Soprano—Miss Jeanette Briggs, L.A.B., "Me Company Along."
 Vocal duet—Miss Jeanette Briggs and Mr. Harry Brusey, with orchestral accompaniment, "Dear Love of Mine" (Goring Thomas).
- 8.27 : Twenty minutes with Mendelssohn's Music, by Mr. H. Temple White and assisting artists. Organ used by courtesy of the Taranaki Street Methodist Church.
 Organ solo—"Spring Song" (Mendelssohn).
 Four-part song—The Harmonists, "The Nightingale" (Mendelssohn).
 Violin and organ—Miss Zillah Castle, L.A.B., and Mr. H. Temple White, "Andante" from "Concerto in E Minor" (Mendelssohn).
 Four part-songs—The Harmonists, "Departure" (Mendelssohn).
 Organ—"Cornelius March" (Mendelssohn).
- 8.48 : Contralto—Miss Ngaire Coster, (a) "Sapphic Ode," (b) "The Blacksmith" (Brahms).
- 8.53 : Selection—2YA Orchestral (Conductor, Signor A. P. Truda), "La Boheme" (Puccini).
- 9.2 : Weather report and station notices.
- 9.4 : Piano—Johnny Aubert, "Scenes of Childhood" (Schumann) (Polydor).
- 9.12 : Quartet—Ariel Singers, "My Little Pretty One" (Shaw).
 Contralto with orchestra—Miss Ngaire Coster, "One Morning Very Early" (Sanderson).
- 9.17 : Balalaika Orchestra, (a) "Ukrainian Melody," (b) "Ach Armes Mutterlein" (Swedish folk song) (traditional) (Polydor R40092).
- 9.23 : Soprano—Miss Jeanette Briggs, L.A.B., "The Garden Wind" (Feuner); with orchestral accompaniment, "A Memory" (Goring Thomas).
- 9.28 : Violin—Florizel von Reuter, "La Campanella" (Paganini-Reuter).
- 9.32 : Bass—Mr. J. M. Caldwell with orchestral accompaniment, "Port of Many Ships" (Keel).

Week-all Stations-to June 21

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- Vocal duet with orchestral accompaniment—Miss Ngaire Coster and Mr. J. M. Caldwell, "A Summer Night" (Goring Thomas).
- 9.37: Waltz—2YA Orchestra, "Valse Militaire" (Waldteufel).
- 9.43: Tenor—Mr. Harry Brusey, "Tell Me, Ye Flow'rets" (from "The Veiled Prophet") (Stanford); with violin obbligato, "Angels Guard Thee." (Kalman) (23610); "Munich Kiddy" (Stolz-Reisch).
- 9.49: Quartet—Ariel Singers, "The Rowan Tree" (traditional) (Paterson).
- 9.54: Valse—2YA Orchestra, "Valse Caprice" (Rubinstein).
- 10.0: Dance music programme (Polydor)—
Foxtrots—Ilja Livschakoff Dance Orchestra, "And Swiftly the Days Pass By" (arr. Benedict) (23482); "The Gipsy Princess" (Kalman) (23610); "Munich Kiddy" (Stolz-Reisch).
- 10.9: Waltz—Ilja Livschakoff Dance Orchestra, "My Love Song Must Be a Waltz" (Stolz) (23649).
- Foxtrots—Paul Godwin Dance Orchestra, "Say That You Love Me." Ilja Livschakoff Dance Orchestra, "The Whole World is Sky-Blue" (Stolz) (23649).
- 10.18: Vocal (Spanish)—Juan Llossas with His South American Orchestra, "La Cigarra" (Paredes) (P40488).
- 10.21: Tangos—Ilja Livschakoff Dance Orchestra, "Don't Leave Me!" (arr. Benedict) (23482); "To-night I've Dreamt of You" (Kalman) (23610); "You Are My Morning and Night Prayer" (Krauss).
- 10.30: Waltz—Paul Godwin Dance Orchestra, "Under the Roofs of Paris." Foxtrots—Paul Godwin Dance Orchestra, "Fair Little Daisy" (23651). Ilja Livschakoff Dance Orchestra, "Love and Wine Never Alone" (Krauss) (23569); "The Barrel Organ."

- 10.42: Vocal (Spanish)—Juan Llossas with His South American Orchestra, "Sonarse Abandonado" (Paredes) (P40488).
- 10.45: Tangos—Ilja Livschakoff Dance Orchestra, "A Love Letter" (arr. Michaeloff) (23481); "Just a Bit of Love" (Rosen) (23547); "And Once You Too Will Deceive Me" (Stolz) (23578).
- 10.54: Foxtrots—Ilja Livschakoff Dance Orchestra, "You Are My Greta Garbo" (Stolz) (23401).
- Paul Godwin Dance Orchestra, "Mariner's Song" (Uher).
- 11.0: God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—MONDAY, JUNE 15.

- 3.0: Gramophone recital.
- 4.25: Sports results.
- 5.0: Children's hour.
- 6.0: Dinner music session (Polydor)—
The Polydor String Orchestra, "La Muette de Portici" Overture.
Paul Godwin's Orchestra, "Talkative" (Ellenberg) (19841); "Les Patineurs" (Waldteufel) (19710).
Jean Gilbert's Scala Orchestra, "Strolling Through Jean Gilbert's Hits."
Paul Godwin's Orchestra, "Sizilietta" (Von Blon) (22902); "Cajolery."
Efim Schachmeister's Jazz Symphonians, "Dubinuschka" (Schirmana).
Paul Godwin's Orchestra, "Dolly's Dancing" (Rhode) (19710); "Siciliano" (Jessel) (22902).
Paul Godwin's Jazz Symphonians, "Hullo, 1930" (Borchert) (22929).
- 7.0: News session.
- 7.30: Talk—Mr. E. J. Bell (Christchurch Public Library). "Books Worth While."
- 8.0: Chimes. Band programme by Woolston Brass Band (Conductor, R. J. Estall) and assisting 3YA artists.
March—Band, "The Cossack" (Rimmer); selection, "The Severn Suite."
- 8.15: Soprano—Mrs. L. B. Salkeld, (a) "A Song of a Smile" (Easthope-Martin); (b) "A Light Song, a Bright Song" (Drummond); (c) "Happy Times" (Mana Zucca).
- 8.20: Accordion—Bastien and His Bal Musette Orchestra, (a) "Sugared Almonds" (Bastien); (b) "Smash" (Pegure) (Polydor 23617).
- 8.26: Bass-baritone—Mr. Charles Dewhurst, (a) "Believe It True" (Teschemacher); (b) "Lasses o' Lancashire" (Weston Lee).
- 8.32: Cornet—Bandsman R. Ohlson, "Your Eyes Have Told Me So" (Hardy).
- 8.37: Humour—Mr. Harold G. Shaw, "If Life Were a Play" (MS.).
- 8.42: Contralto—Miss Margaret J. Richardson, (a) "Praise" (Haydn Wood); (b) "Love's Sorrow" (Rowe Shelley).
- 8.47: Waltz—Band, "The Kiss" (Burke).
- 8.52: Baritone—Mr. Leslie A. Stewart, (a) "Ben Bolt" (Kneass); (b) "The Floral Dance" (Katie Moss).
- 8.59: Chorus—Light Opera Company, "High Society Blues" Vocal Gems.
- 9.3: Weather forecast and station notices.
- 9.5: Overture—Band, "Ruy Blas" (Mendelssohn).
- 9.13: Soprano—Mrs. L. B. Salkeld, (a) "Birthday Greetings" (Wilton King); (b) "Welcome June" (Ruttier); (c) "The Dream Flower Tree" (Drummond).
- 9.18: Two pianos—William Gross and Walter Kauffmann, (a) "Shimmy and Tango" (from "Baby in the Bar") (Gross) (Polydor 21957).
- 9.24: Bass-Baritone—Mr. Charles Dewhurst, "Love, Could I Only Tell Thee."
- 9.28: Humour—Mr. Harold G. Shaw, "The Blackest Man I Know" (MS.).
- 9.33: Trombone—Soloist, Mr. E. Williams, "The Tyrolienne" (Sutton).
- 9.39: Contralto—Miss Margaret J. Richardson, (a) "This Is No' My Plaid" (Halley); (b) "Hush-a-ba, Birdie" (Ballantine).
- 9.44: Violin—Ibolyka Zilzer, (a) "Antique Dame" (Dussek-Burmester); (b) "Waltz No. 2" (Weber-Burmester) (Polydor 22859).
- 9.50: Baritone—Mr. Leslie A. Stewart, "Marguerite" (White).
- 9.55: Humour—Bernor Watson, (a) "The Future Mrs. 'Awkins" (Chevalier); (b) "Knocked 'Em in the Old Kent Road" (Ingle); (c) "Our Little Nipper" (Ingle) (H.M.V. C1922).
- 10.0: March—Band, "Red Gauntlet" (Sutton).
- 10.5: God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—MONDAY, JUNE 15.

- 3.0: Afternoon session.
- 5.0: Children's hour, conducted by Big Brother Bill.
- 6.0: Dinner music session (Polydor)—
Paul Godwin's Orchestra, "Polish Temper" (Nedbal) (19609).
Paul Godwin's Trio, "For You" (Czibulka) (21341); "Melodie."
Paul Godwin's Orchestra, "Kismet" (Yamada) (V40261).
Efim Schachmeister Orchestra, "Dark Eyes" (Schachmeister).
Paul Godwin's Orchestra, "Hearts and Diamonds" (19608).
Paul Godwin's Quartet, "Serenata" (Becce) (21344); "Adoration."
Polydor Orchestra, "Berlin as it Laughs and Weeps" (Conradi).
Paul Godwin's Orchestra, "Love in Idleness" (Macbeth) (V40261).
Efim Schachmeister Orchestra, "Kasbek" (Schachmeister) (20453).

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AUCKLAND

CHRISTCHURCH

WELLINGTON.

- Paul Godwin's Orchestra, "Short, but Delicious" (Schriner) (19576).
7.0 : News session.
8.0 Chimes. Specially recorded international programme:
 Dr. Eugene Ormandy and His Salon Orchestra.
 International Singers.
 Ambassadors of Melodyland.
 Abroad with the Lockharts.
 Weather report.
 Talk—Professor Benham, "The Development of the International Outlook." Based on a recent tour in foreign lands, with special reference to Algeria.
 Hy-Wide and Handsome.
 Nat Brusiloff and His Lido Venice Orchestra.
 God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—MONDAY, JUNE 15.

8.0 to 10.0 p.m. : Concert programme.

Tuesday, June 16

1YA, AUCKLAND (900 KILOCYCLES)—TUESDAY, JUNE 16.

- 8.0** : Selected recordings.
8.15 : Talk—Mrs. Leslie Crane, "Beauty of Mind and Body in Relation to Diet."
9.0 : Children's session, conducted by Uncle Dave.
9.0 : Dinner music session (Polydor)—
 Paul Godwin's Orchestra, "Potpourri of German Folk Songs" (arr. Hannemann) (19424); "The Girl of the Black Forest" (Jessell).
 Mandoline and Lute Orchestra, "Minuet in G" (Beethoven) (21622).
 Paul Godwin's Orchestra, "Suite Orientale" (Popy): (1) Les Bajaderes, (2) Au Bord du Gange, (3) Les Almees, (4) Patrouille (19465/6).
 The State Opera Orchestra, Berlin, "La Muette de Portici" (Auber).
 Mandoline and Lute Orchestra, "Norwegian Dance" (Grieg) (21622).
 The Opera Orchestra, Berlin, "Hungarian March in C Minor" (27213).
 Paul Godwin Dance Orchestra, "From Ear to Ear" (Morena) (19623).
7.0 : News session and market reports.
7.40 : Talk—Mr. N. M. Richmond, under the auspices of the W.E.A., "Crime and the Criminal."
8.0 : Chimes. Specially recorded international programme:
 Dr. Eugene Ormandy and His Salon Orchestra.
 International Singers.
 Ambassadors of Melodyland.
 Abroad with the Lockharts.
 Weather report.
 International talk—Mr. A. B. Chappell, M.A., "The Pacific Yesterday, To-day and To-morrow."
 Hy-Wide and Handsome.
 Nat Brusiloff and His Lido Venice Orchestra.
 God save the King.

3YA, WELLINGTON (720 KILOCYCLES)—TUESDAY, JUNE 16.

- 10.0** : Chimes. Selected gramophone recordings.
11.12 : Lecturette—"Fashions."
11.37 : Lecturette by a Representative of the Plunket Society.
12.0 : Lunch hour music.
2.0 : Educational session.
3.0 : Selected gramophone recordings.
3.30 and **4.30** : Sporting results to hand.
5.0 : Children's session, conducted by Uncle Toby and Jumbo.
6.0 : Dinner music session ("Columbia")—
 Royal Italian Band, "Marcia Reale" (Gabetti) (01182).
 Court Symphony Orchestra, "In Venice" (Sellars) (896).
 Organ—Stanley MacDonald, "Was It a Dream?" (Coslow).
 Royal Italian Band, "Garibaldi's Hymn" (Olivieri) (01182).
 Columbia Symphony Orchestra, "Idillo" (Lack) (01076).
 Ketelbey's Concert Orchestra, "Sanctuary of the Heart" (Ketelbey).
 Cello—W. H. Squire, "Melody in F" (Popper) (04173).
 New Queen's Hall Orchestra, "Petite Suite de Concert" (Coleridge Taylor), (a) "Un Sonnet D'Amour"; (b) "La Tarantelle."
 W. H. Squire's Celeste Octet, "Mignon" (Thomas). (1) "Introduction and Romance"; (2) "Polonaise" (Thomas) (02749).
 Cello—W. H. Squire, "Silver Threads Among the Gold."
 Columbia Symphony Orchestra, "Spring Song" (Mendelssohn).
 H.M. Grenadier Guards, "Turkish Patrol" (Michaelis) (4111).
 Organ—Stanley MacDonald, "Nicolette" (Batten) (Regal G20401).
 Jacques Jacobs' Ensemble, "Wiener Blut" (Strauss) (02556).
 H.M. Grenadier Guards Band, "Smithy in the Woods" (Michaelis).
7.0 : News session, market reports and sports results.
7.40 : Lecturette by a Representative of the Agricultural Department, "For the Man on the Land."
8.0 : Chimes. Overture—Classic Symphony Orchestra, "Raymond."
8.9 : Quartet—Melodie Four, "The Old Brigade" (Trotter).
8.13 : Soprano—Miss Gwladys Edwardes with orchestral accompaniment, (a) "For the Green" (Lohr); (b) "There's a Land" (Allitsen).
8.19 : Selection—Salon Orchestra (Conductor, Mr. M. T. Dixon), "Sylvia Ballet" (Delibes).
8.27 : Baritone—Mr. R. S. Allwright, with orchestral accompaniment, "Good Company" (Adams).

- 8.31** : Cello—Edmund Kurtz, (a) "Minuet in D Major" (Werkmeister); (b) "Mazurka" (Werkmeister) (Polydor 21148).
8.37 : Tenor—Mr. Sam Duncan with orchestral accompaniment, "Mary."
8.41 : Dialogue—"Clapham and Dwyer on Photography" (Clapham and Dwyer) (Columbia D0255).
8.47 : Quartet—Melodie Four, "Swinging in a Hammock" (Wendling).
8.51 : Viola with orchestra—Mr. Frank Crowther and Salon Orchestra, "Celtic Idyll" (Hart); Valse, "Valse Apassionata" (Ketelbey).
9.0 : Weather report and station notices.
9.2 : Tenor—Mr. Frank Bryant with orchestral accompaniment, (a) "When My Ships Come Home" (Dorel); (b) "Love Came Calling."
9.9 : Band—H.M. Grenadier Guards, "New Sullivan" Selection.
9.17 : Soprano—Miss Gwladys Edwardes with orchestral accompaniment, (a) "Stay With Me Summer" (Morris); (b) "At Eve I Heard a Flute."
9.24 : Bass—Mr. W. W. Marshall, with orchestral accompaniment, "The Skipper" (Jude).
9.28 : Suite—Salon Orchestra, "In Downlands" (Hewitt).
9.36 : Vocal duet—Messrs. W. W. Marshall and Sam Duncan, "Larboard Watch" (Williams).
 Vocal quartet—Melodie Four, "An Evening's Pastorale" (Shaw).
9.43 : Zither—Karl Puhlinger, (a) "Cheer Up" (Ziehrer); (b) "Swiss Babies" (Chlumsky) (Polydor 21052).
9.49 : Ballet music—Salon Orchestra, "Ballet Music" (from "Aida").
 Instrumental—"Latest Dance Novelties."
10.0 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, JUNE 16.

SILENT DAY.

4YA, DUNEDIN (650 KILOCYCLES)—TUESDAY, JUNE 16.

- 8.0** : Afternoon session.
9.0 : Children's session.
9.0 : Dinner music session (Columbia)—
 Albert W. Ketelbey's Concert Orchestra, "Cockney Suite" (Ketelbey) (05052/3): (1) "A State Procession" (Buckingham Palace), (2) "The Cockney Lover" (Lambeth Walk), (3) "At the Palais de Danse" (Anywhere), (4) "Elegy" (Thoughts on Passing the Cenotaph), "Bank Holiday" ('Appy Amstead) (05054).
 Band of H.M. Grenadier Guards, "Radio—Quick March" (Pecking).
 Jack Payne and the B.B.C. Dance Orchestra, "Say it with Songs" Selection (De Sylva) (05029).
 J. H. Squire's Celeste Octet, "Collette" Waltz (Fraser-Simson).
 Albert W. Ketelbey's Concert Orchestra, "Jungle Drums" Patrol.
 Organ—Emil Velazco, "Estrellita" (01795).
 Debroy Somers Band, "Hungarian Medley" (arr. Somers) (01862).
 J. H. Squire's Celeste Octet, "Memories of Devon" (Evans) (D0254).
 Albert W. Ketelbey's Concert Orchestra, "By the Blue Hawaiian Waters" (Ketelbey) (05085).
 Organ—Emil Velazco, "La Golondrina" (01795).
 Band of H.M. Grenadier Guards, "Fighting Strength" (Jordan).
7.0 : News session.
7.40 : Talk—W.E.A. Speaker, J. Crossley Clitheroe, "The Origins of Music, No. 3."
8.0 : Chimes. Studio presentation by the Dunedin Tramways Band (under direction of Mr. Chas. T. Morgan) and 4YA artists.
 March—Band, "Dreadnought" (Rimmer); waltz, "When the Organ Played at Twilight" (Connelly).
8.10 : Bass—Mr. E. Bond, "Yeomen of England" (German).
 Vocal quartet—The Select Four, (a) "Gossip Joan" (arr. Shaw); (b) "Forester" (Stirling).
8.20 : Novelty orchestra, Innisfail Orchestra, (a) "Medley of Two-steps"; (b) "Leather Away With the Wattle O" (Traditional).
8.26 : Scots humour—Mr. B. Brown, "Back Where the Red Heather Grows."
8.30 : Selection—Band, "Der Freischutz" (Weber).
8.39 : Duet—Miss L. de Clifford and Mr. J. E. Davies, Misere Scene from "Il Trovatore" (Verdi).
8.43 : Zither—Ernst Rommel, (a) "Episode" (Schiffel); (b) "Bells Ringing"; (c) "Spring in March" (Neal) (Polydor 21253).
8.49 : Contralto—Miss Betty Hamilton, "Song of Florian" (Godard).
 Mixed quartet—The Select Four, "Autumn" (Booth).
8.55 : Foxtrot—Band, "Over the Garden Wall" (Harrington).
9.0 : Weather report and station notices.
9.2 : Chorus—Parlophone Musical Comedy Company, (a) "Viennese Nights."
9.5 : Scots humour—Mr. B. Brown, (a) "I Belong to Glasgow"; (b) "The Laddies Who Fought and Won" (Lauder).
9.12 : Overture—Band, "La Rose de Peronne" (Adam).
9.20 : Quartet—The Select Four, "Belenguered" (Sullivan).
 Tenor—Mr. J. E. Davies, "Ah, Moon of My Delight" (Lehmann).
9.26 : Polka for basses—Band, "The Merry Men" (Rimmer).
9.30 : Duet—Miss L. de Clifford and J. E. Davies, "In Springtime" (Newton).
9.36 : Male choir—Ural Cossacks, (a) "Hej Hej" (Traditional); (b) "Signal March" (Kolatilin) (Polydor 21327).
9.42 : Waltz—Band, "Bird of Paradise" (Rimmer).
9.50 : Mixed quartet—The Select Four, "Dawn" (Jenkins).
9.53 : Foxtrot—Band, "Betty Co-ed" (Vallee); march, "The Elephant."
10.0 : God save the King.

Wednesday, June 17

1YA, AUCKLAND (900 KILOCYCLES)—WEDNESDAY, JUNE 17.

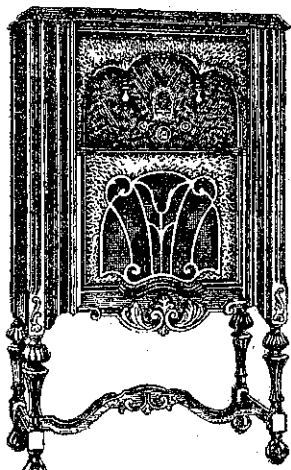
- 12.30: Relay of Community Singing from the Auckland Town Hall.
 3.0: Selected recordings.
 3.15: Literary selection.
 5.0: Children's session, conducted by Uncle Reg.
 6.0: Dinner music session (Parlophone)—
 Edith Lorand's Orchestra, "Johann Strauss" Fantasia (Strauss).
 Grand Symphony Orchestra, "Tales of Hoffman—Barcarolle" (A4061).
 Edith Lorand's Orchestra, "The Flowers' Dream" (Translature)
 (E10570); "Faust" Fantasia (Gounod) (E10579); "Wedding of
 the Winds" (Hall) (A4189).
 Blackstone Trio, "Silver Threads Among the Gold" (Danks).
 Berlin State Opera Orchestra, "Italiana in Algeria" (Rossini).
 Cello—Orabio de Castro, "Nocturne in E Flat" (Chopin) (E10581).
 Grand Symphony Orchestra, "Fra Diavolo" (Auber) (A4022).
 Blackstone Trio, "Love's Old Sweet Song" (Molloy) (Brunswick 4933).
 Grand Symphony Orchestra, "Tales of Hoffman—Entr'acte and
 Minuet" (A4061).
 Edith Lorand's Orchestra, "Song of Autumn" (Waldteufel) (E10570).
 7.0: News and market reports.
 8.0: Chimes. Studio concert by the Birkenhead Municipal Band (Conductor,
 Lieut. J. T. Lighton) and 1YA artists.
 March—Band, "The Thunderer" (Sousa); selection, "H.M.S. Pinafore."
 8.14: Vocal quartet—The Clarion, "Dear Little Shamrock" (arr. Clarions).
 Contralto—Miss Beryl Smith, "Nesting Time" (Goatley).
 Duet—Messrs. Lambert Harvey and Duncan Black, "Watchman, what
 of the Night?" (Sargeant).
 8.25: Two pianos—Sisters Rialto, (a) "Cookery" (Kollmann); (b) "Sum-
 mer is Here" (Selfert) (Polydor T49047).
 8.33: Overture—Band, "Scenes from "Operaland" (arr. Hayes); patrol, "The
 Wee MacGregor" (Amers).
 8.41: Duet—Misses Beryl Smith and Lillian Woods, "Bird Songs at Eventide."
 Bass—Mr. Duncan Black, "Little Danny" (Black-Smith).
 8.48: Xylophone—Franz Kruger, (a) "American Patrol" (Meacham); (b)
 "Hungarian Airs" (Kruger) (Polydor 21385).
 8.54: Quartet—The Clarion, (a) "Over the Garden Wall" (Harrington); (b)
 "Tired" (Parks).
 8.58: Intermezzo—Band, "Secrets" (Ancliffe).
 9.2: Evening weather forecast and announcements.

- 9.4: Piano—Mr. Cyril Towsey, "Papillions" (Schumann).
 9.12: Male choir—Ural Cossacks, (a) "Die Huld des Friedens" (Fatejeff);
 (b) "Dir Singen Wir" (Livowski) (Polydor 19819).
 9.18: Selection—Band, "Maritana" (Wallace).
 9.31: Soprano—Miss Lillian Woods, "The Dawn has a Song" (Phillips).
 9.35: Orchestral—Los Castilians, (a) "Paradojas de Amor" (Iagonell); (b)
 "Corazon" (Heart) (Brunswick 41271).
 9.41: Tenor—Mr. Lambert Harvey, "Wait" (D'Hardelet).
 Quartet—The Clarion, "Departure" (Mendelssohn).
 9.47: Violin—Erica Morini, (a) "Minuet" (Mozart); (b) "Gavotte" (Lully).
 9.53: Waltz—The Band, "Unrequited Love" (Lincke); march, "Caractacus".
 10.3: God save the King.

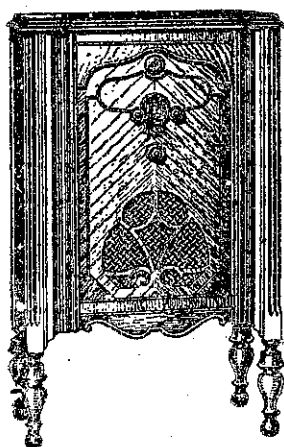
2YA, WELLINGTON (720 KILOCYCLES)—WEDNESDAY, JUNE 17.

- 10.0: Chimes. Selected gramophone recordings.
 11.12: Lecturette—"Fashions."
 11.37: Lecturette—"Hollywood Affairs."
 12.0: Lunch hour music.
 3.0: Selected gramophone recordings.
 3.30 and 4.30: Sporting results to hand.
 5.0: Children's session, conducted by Aunt Daisy.
 6.0: Dinner music session (Parlophone)—
 Karol Szreter, pianoforte, with Berlin State Opera House Orchestra,
 "Suite Orientale" (Popy) (A3058).
 Dajos Bela Orchestra, "You and You" Waltz (Strauss) (A4080).
 Sandor Joszi Orchestra, "The Hobgoblin's Story" (Robert Brecht).
 Orchestra Opera Comique, Paris, "Manon" Ballet Music (Massenet).
 Dajos Bela Orchestra, "Wiener Blut" (Vienna Blood) Waltz.
 Berlin State Opera House Orchestra, "Dance of the Hours" (from
 "La Gioconda") (Ponchielli) (A4144); "Norma" Overture (Bel-
 lini) (A4146); "Slavonic Dance, Nos. 8 and 16" (Dvorak).
 Dajos Bela Orchestra, "Gypsy Love" Waltz (Lehar) (A4030).
 Berlin State Opera House Orchestra, "La Traviata" Prelude (Verdi).
 Dajos Bela Orchestra, "Voices of Spring" Waltz (Strauss) (A4095).
 Sandor Joszi Orchestra, "An Eastern Wedding" (Prychistal) (A3027).
 7.0: News session, market reports and sports results.
 7.40: Lecturette—Mrs. Albert Russell, "Happiness."
 8.0: Chimes. Specially recorded international programme:
 Golden Hour of Music.
 Adam and Eve.
 Ohman and Arden (two pianos).
 Weather report.
 International talk—Dr. Guy H. Scholefield, O.B.E.

See GULBRANSEN At the WELLINGTON RADIO EXHIBITION

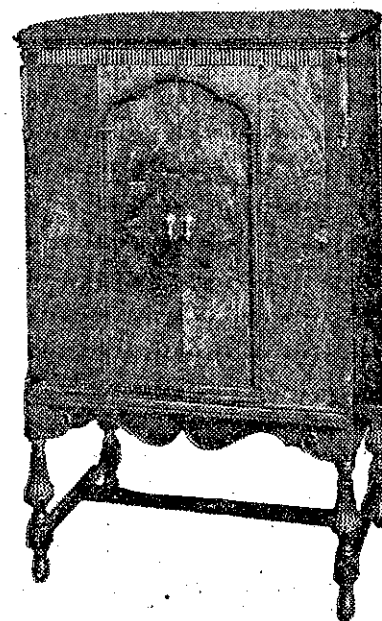


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God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—WEDNESDAY, JUNE 17.

8.0 : Gramophone recital.

4.25 : Sports results.

5.0 : Children's hour.

6.0 : Dinner music session (Polydor)—

Philharmonic Orchestra, Berlin, "Les Huguenots" Overture (19898).

Paul Godwin's Quartet, "Beautiful Garden of Roses" (Schmid).

State Opera Orchestra, Berlin, "German Dances" (Schubert) (66458).

Polydor Symphonic Orchestra, "Hear You Again" Medley (Weninger).

Association des Concerts Lamoureux, Paris, "Petite Suite" (Debussy):

(1) "En Bateau," (2) "Cortege," (3) "Menuet," (4) "Ballet."

Paul Godwin's Quartet, "Le Reve" (D'Ambrosio) (19532).

Philharmonic Orchestra, Berlin, "Emperor Waltz" (Strauss) (19049).

7.0 : News session.

7.30 : Adding Stock Market Reports.

8.0 : Chimes. Inter-City Debate—Teams representing W.E.A. of Christchurch (Affirmative) and W.E.A. of Dunedin (Negative) will debate the question "That the Democratic Control of the State has Outlived its Usefulness." Adjudicator: Prof. J. Shelley, Canterbury College University.

9.8 : Weather forecast and station notices.

9.10 : Selection—Albert Ketelbey's Concert Orchestra, (a) "The Moonlit

Glade"; (b) "The Queen Fairy Dances" (Ketelbey) (Col. 02694).

9.18 : Vocal quartet—Valencia Quartet, "John Peel" (Williams).

Bass—Mr. E. J. Johnson, "My Beloved Queen" (Rose).

9.24 : Accordion—Rene Leroux and Bal Musette Orchestra, "The Bride."

9.27 : Soprano—Miss Lucy Fullwood, (a) "I Know a Sea" (Grendon Gray);

(b) "They Say" (Warwick Evans).

Tenor—Mr. T. G. Rogers, "The Green Vales of Antrim" (Warren).

9.33 : Paul Godwin's Orchestra, "Brownies' Parade" (Noack).

9.37 : Contralto—Miss Jean Johnson, "Beloved, it is Morn" (Aylward).

Vocal—Valencia Quartet, "Sing a Song of Sixpence" (Cornwall).

9.44 : Accordion—Rene Leroux and Bal Musette Orchestra, "Philadelphia

One-step" (Engel) (Polydor 23753).

9.47 : Bass—Mr. E. Johnson, "Blow, Blow, Thou Winter Wind" (Sergeant).

Vocal—Valencia Quartet, "The Lass of Richmond Hill" (Eaton Fanning)

9.53 : Paul Godwin's Orchestra, "Tin Soldiers' Parade" (Jessel).

9.57 : Soprano and contralto—Valetta Duo, "Bird Songs at Eventide."

Vocal—Valencia Quartet, "Golden Slumbers Kiss Your Eyes."

10.2 : March—Ketelbey's Concert Orchestra, (a) "In a Fairy Realm"; (b)

"The Gnomes March" (Ketelbey) (Columbia 02695).

10.6 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—WEDNESDAY, JUNE 17.

8.0 : Afternoon session.

8.15 : Talk—"Some Tomato Dishes," by the Home Science Extension Department of Otago University.

5.0 : Children's hour.

6.0 : Dinner music session ("Parlophone")—

Grand Symphony Orchestra, "Suite Orientale." (1) "March"; (2)

"On the Shore of the Ganges"; (3) "The Dancers"; (4) "The

Patrol" (Francis Popy) (A4155/6).

Edith Lorand's Orchestra, "Toreador and Andalous" (Rubenstein).

Grand Symphony Orchestra, "Naila" (Delibes) (A4191).

Dajos Bela Orchestra, "Woodland Peace" (Favilla) (A4172).

Berlin State Opera House Orchestra, "The Barber of Seville" Over-

ture (Rossini) (A4193).

Edith Lorand's Orchestra, "Minuet" (Boccherini) (A4108).

Grand Symphony Orchestra, "Lustspiel Overture" (Kela Bela).

Dajos Bela Orchestra, "The Court Ball" (Josef Lanner) (A4172).

Grand Symphony Orchestra, "Japanese Lantern Dance" (Yoshitome).

Dajos Bela Orchestra, "Viennese Waltz Potpourri" (Robrecht).

Grand Symphony Orchestra, "Chinese Street Serenade" (Ludwig Siede)

7.0 : News session.

7.15 : Talk—Mr. J. O. Wallace, under auspices of 4YA Primary Productions

Committee, "Some Points in Fencing."

8.0 : Chimes. Inter-W.E.A. Debate, Christchurch versus Dunedin. Sub-

ject: "That the Democratic Control of the State has Outlived its

Usefulness."

9.0 : Weather report and station notices.

9.2 : Dajos Bela Orchestra, "La Traviata Fantasia" (Verdi).

9.6 : Bass—Mr. F. E. Woods, (a) "I Am a Roamer" (Mendelssohn); (b)

"Thoughts" (Fisher); (c) "The Crown of the Year" (Martin).

9.15 : Piano—Mrs. C. Drake, (a) "Ballade in G Minor" (Brahms); (b)

"Clair de Lune" (Debussy).

9.20 : Contralto—Miss E. Watson, (a) "Red Sarafan" (Whishaw); (b)

"Jardin D'Amour" (Keel); (c) "To Music" (Schubert).

9.30 : Dance music ("Brunswick")—

Foxtrots—Jesse Stafford and His Orchestra, "Ragamuffin' Romeo" (de

Costa) (4824); "I'm Sailing on a Sunbeam" (Dreyer)

(4630); "A Bench in the Park" (Yellen) (4824).

9.39 : Waltzes—The Thematics Orchestra, "Giovanna" (Kountz) (4297).

Regent Club Orchestra, "The Moonlight Reminds Me of You."

9.45 : Vocal—Marion Harris, "Wasn't It Nice?" (Young) (4806).

9.48 : Foxtrots—Colonial Club Orchestra, "It's You I Love" (Davis) (4621).

Jack Denny and His Mount Royal Hotel Orchestra, "Whip-

poorwill" (de Voll) (4794).

Waltz—Castlewood Marimba Band, "A Night of Love in Hawaii."

9.57 : Foxtrots—Meyer Davis' Hotel Astor Orchestra, "Blue is the Night."

Colonial Club Orchestra, "Why?" (Davis) (4621).

Jesse Stafford and His Orchestra, "I'm Following You."

Waltz—Regent Club Orchestra, "Dancing with Tears in My Eyes."

Castlewood Marimba Band, "My Heart Belongs to the Girl

Who Belongs to Somebody Else" (Sherman) (4821).

10.12 : Foxtrots—Hal Kemp and His Orchestra, "Give Yourself a Pat on the

Back" (Butler) (4807).

Tom Gerun and His Orchestra, "Absence Makes the Heart

Grow Fonder" (Lewis) (4829).

Bob Haring and His Orchestra, "I Still Remember" (Tobias)

Tom Clines and His Music, "Wasn't It Nice?" (Young).

Colonial Club Orchestra, "Stein Song" (Colcord) (4743).

Waltz—Castlewood Marimba Band, "Down the River of Golden

Dreams" (Klenner) (4820).

10.30 : Foxtrots—Meyer Davis' Hotel Astor Orchestra, "Nobody Cares If I'm

Blue" (Clarke) (4802).

Hal Kemp and His Orchestra, "If I Had a Girl Like You."

Meyer Davis' Hotel Astor Orchestra, "Ro, Ro, Rollin' Along."

10.39 : Vocal duet—Al and Pete, "That's Why I'm Jealous of You" (Rose).

10.42 : Foxtrots—Tom Clines and His Music, "You Darlin'" (Woods).

Jack Denny and His Mount Royal Hotel Orchestra, "Dream

Avenue" (Tobias) (4788).

Tom Clines and His Music, "You For Me" (Jason) (4814);

"Be Careful With Those Eyes" (Woods) (4813).

10.54 : Waltzes—Castlewood Marimba Band, "My Reveries" (White) (4820).

Regent Club Orchestra, "Because There's a Change in You."

11.0 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—WEDNESDAY, JUNE 17.

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

7.30 to 8 p.m.: Sports talks.

Thursday, June 18

1YA, AUCKLAND (900 KILOCYCLES)—THURSDAY, JUNE 18.

3.0 : Selected recordings.

3.15 : Talk—"First Aid in the Home." Prepared by the Home Science Extension Service of Otago University.

5.0 : Children's session, conducted by Peter Pan.

6.0 : Dinner music session (Polydor)—

Paul Godwin's Dance Orchestra, "The World's Best Waltzes—Medley."

Ilja Livschakoff Orchestra, "Fiddler Where is Your Home?"

Vienna Schrammel Quartet, "Serenade" (Heykens) (21919).

Paul Godwin's Orchestra, "Marche Grotesque" (Sinding) (22900).

Ilja Livschakoff Dance Orchestra, "Roses of the South."

Organ—H. Wood, "Songs My Mother Taught Me" (Dvorak) (23304).

Orchestra Mascotte, "Amoureuse" Waltz (Berger) (Parlo. A3135).

Paul Godwin Orchestra, "The Clock and the Dresden Figures."

Ilja Livschakoff Orchestra, "Hungarian Medley" (Leopold) (23539).

Vienna Schrammel Quartet, "Silk and Velvet" Waltz (Ziehrer).

Paul Godwin's Orchestra, "Joy Bells" (Blaauw) (22900).

Organ—H. Wood, (a) "Song Without Words" (Mendelssohn); (b)

"Adagio from L'Arlesienne" (Bizet) (23304).

Ilja Livschakoff Dance Orchestra, "Blue Danube" (Strauss) (23626).

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

La Argentina, Castanets with Orchestra, "Dance No. 5" (Granados).

Paul Godwin Orchestra, "The Cathedral Bells" (Becker).

7.0 : News and market reports.

7.40 : Talk, under the auspices of the New Zealand Manufacturers' Association, "Modern Fruit Packing in Cardboard Cartons and Cardboard Containers."

8.0 : Chimes. Studio Concert by the Auckland Savage Club Orchestra, under the conductorship of Mr. Archie Don.

Overture—The Orchestra, "Plymouth Hoe" (Ansell).

8.11 : Baritone—Savage Leo O'Malley, (a) "The Trumpeter" (Dix); (b)

"The Sleeping Camp" (St. Quentin).

8.17 : Selection—The Orchestra, "Gondoliers" (Sullivan).

8.29 : Humorous sketch—Savages Jack Gordon and Partner, "Things."

8.39 : The Orchestra—Prelude to Third Act "Lohengrin" (Wagner); "Pou-

pee Valsante" (Poldini).

8.46 : Songs at the piano—Savage Peter Black, (a) "Star Vicino" (Rosa);

(b) "Duna" (McGill).

8.52 : Piano—Savage Trevor Sparling, "Selection of Gilbert and Sullivan

Operas."

9.0 : Evening weather forecast and announcements.

9.2 : The Orchestra, "Merchant of Venice" Suite (Rosse).

9.12 : Humorous duet—Savage Julius Hogben and Partner, "Topicalities."

9.17 : The Orchestra, (a) "A Hunting Medley" (Somers); (b) "Pique Dame."

9.29 : Programme of dance music.

Foxtrots—Ben Bernie and His Orchestra, "To Whom It May Concern."

Ozzie Nelson and His Orchestra, "Fall in Love With Me."

Ben Bernie and His Orchestra, "Crying Myself to Sleep."

9.39 : Waltz—Pavilion Liscaut Orchestra, "Listening to the Violin."

- Foxtrot—Jacques Renard and His Orchestra, "Under the Spell of Your Kiss" (Jasmyn) (Brunswick 4995).
 Bud Blue and His Orchestra, "Someone Sang a Sweeter Song to Mary" (Shand) (Parlophone A3103).
 9.48: Vocal—Chester Gaylord, "Would You Like to Take a Walk?" (Dixon).
 9.51: Foxtrots—Loring "Red" Nichols and His Orchestra, "Blue Again." Jacques Renard and His Orchestra, "We're Friends Again." Bud Blue and His Orchestra, "I'll Be Blue Just Thinking of You" (Wendling) (Parlophone A3103).
 10.0: Tangos—Juan Llossas Orchestra, "One Look into Your Eyes." Marimba Original Excelsior de Guatemala, "Padre Nuestro." Waltz—Regent Club Orchestra, "For You" (Dubin) (Brunswick 4990).
 10.9: Vocal—Chester Gaylord, "It Must Be True" (Arnheim).
 10.12: Foxtrots—Ozzie Nelson and His Orchestra, "Truly" (Hirsch). Jacques Renard and His Orchestra, "He's My Secret Passion" (Valentine) (Brunswick 4994).
 Waltzes—Nick Lucas and His Crooning Troubadours, "Say 'Hello' to the Folks Back Home" (Davis) (Brunswick 6013). Regent Club Orchestra, "Don't Forget Me in Your Dreams."
 10.24: Two-steps—Juan Llossas Orchestra, "My Spain" (Marquina). Marimba Original Excelsior de Guatemala, "Joselillo." Juan Llossas Orchestra, "Andalusian National Character."
 10.33: Vocal—Chester Gaylord, "Cheerful Little Earful" (Gershwin).
 10.36: Foxtrots—Nick Lucas and His Crooning Troubadours, "Lady Play Your Mandolin" (Caesar) (Brunswick 6013). Loring "Red" Nichols and His Orchestra, "When Kentucky Bids the World 'Good Morning'" (Leslie). Jacques Renard and His Orchestra, "Little Spanish Dancer."
 10.45: Tangos—Juan Llossas Orchestra, "Pretty Gigolo" (Casucci). Marimba Original Excelsior de Guatemala, "Fumando Espero" (Villadomat) (Polydor 21906).
 10.51: Foxtrots—Emil Coleman and His Orchestra, "I'm Getting Myself Ready For You" (Cole Porter) (Brunswick 6006). Pavilion Lescaut Orchestra, "The Dancing Tailor." Stellar Dance Band, "Strolling Thro' the Tulips" (O'Hagan).
 11.0: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—THURSDAY, JUNE 18.

- 10.0 a.m.: Chimes—Selected gramophone recordings.
 11.12: Lecturette—"Cooking."
 11.37: Lecturette—"Fresh Fruits Dietary Value," under the auspices of the Health Department.
 12.0 noon: Lunch hour music.
 2.30: Lecturette—A W.E.A. lecturette, "Fear and Feelings of Inferiority."
 3.0: Selected gramophone recordings.
 3.15: Talk—"First Aid in the Home," prepared by the Home Science Extension Service of Otago University.
 3.30 and 4.30: Sporting results to hand.
 5.0: Children's session, conducted by Uncle George and Big Brother Jack.
 6.0: Dinner music session (Polydor)—Symphony Orchestra, "Die Fledermaus" (Strauss) (27178). Paul Godwin Orchestra, "Japanese Cherry Blossom Festival" (Yoshitomo) (19747); "Egyptian March" (Joh. Strauss) (19647); "The Circus Princess" (Kalman) (19640).
 Ilja Livschakoff and His Orchestra, "Estrellita" (Ponce) (23047). Paul Godwin's Orchestra, "Japanese Lantern Dance" (Yoshitomo). State Opera Orchestra, Berlin-Charlottenburg, "La Gazza Ladra." Paul Godwin's Orchestra, "Spring's Awakening" (Bach) (19647). Ilja Livschakoff and His Orchestra, "Pas Des Escharpes" (23047). Paul Godwin and His Orchestra, "Third Waltz Medley" (Robrecht).
 7.0: News session, market reports and sports results.
 7.40: Lecturette—Mr. W. E. Priestley, "Modern Ballroom Dancing."
 8.0: Chimes. Relay from the Y.W.C.A. of concert by the Orpheus Musical Society (Incorporated). Conductor, Mr. Harison Cook; Accompanist, Miss Adelina McGrath.
 Orpheus Musical Society—"England Expects" (The Ballad of "The Victory" (Hubert Bath). (The numbers are descriptive of the various phases of the battle.)
 1. Prelude—"Sail Ho!"; "Upbreaks the Morning Through the Skies."
 2. "Line of Battle."
 3. The Signal to the Fleet, "England Expects."
 4. The 'Tween Decks of the "Victory."
 5. The Advance—Chorus of Ladies' Voices.
 6. Cleared for Action.
 7. The Two Fleets Engaged.
 8. "Sunset and Dawn—After the Battle."
 9. Baritone with chorus—Mr. G. H. Gray, "Requiescat In Pace."
 10. "Envoi" (Finale).
 Violin—Miss Ava Symons, (a) "Larghetto" from "Second Sonata" (Barbella), (b) "Caprice Viennois" (Kreisler).
 From the studio:
 9.0: Weather report and station notices.
 9.2: Selection—Marek Weber and His Orchestra, "Faust" (H.M.V. C1511). Relay from Y.W.C.A. Hall:
 Orpheus Musical Society—"The May Queen" (a Pastoral) (Sterndale Bennett). Soloists—The May Queen, Miss Kathleen Ferris (soprano); The Queen, Miss Christina Young (contralto); The Lover, Mr. Sam Duncan (tenor); Robin Hood, Mr. G. H. Gray (bass).
 1. Chorus—"Wake With a Smile, O Month of May."
 2. Recit. and air—The Lover, "O Meadow Clad in Early Green."
 3. Chorus—"O Melancholy Flight."

4. Chorus—"With a Laugh as We Go Round."
 Soprano solo—The May Queen, "With the Carol in the Tree."
 5. Recit. and duet—The May Queen and the Lover, "Why Hast Thou Changed Thy Fancy?"
 6. Recit. and air—Robin Hood, "Tis Jolly to Hunt."
 7. Trio—The May Queen, The Lover, and Robin Hood, "The Hawthorn in the Glade."
 8. Recit. and chorus—"Ill-fated Boy! Be Gone!"
 Pageant music:
 9. Chorus—"Hark, Their Notes the Hautboys Swell."
 10. Recit., solo, and chorus—The Queen and The May Queen, "What Mean the Angry Sounds?"
 11. Finale—"And the Cloud Hath Passed Away."
 10.0 (approx.): God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—THURSDAY, JUNE 18.

- 3.0: Gramophone recital.
 3.15: Lecturette—"First Aid in the Home," prepared by the Home Science Extension Service, Otago University.
 3.30: Gramophone recital continued.
 4.25: Sports results.
 5.0: Children's hour.
 6.0: Dinner music session (H.M.V.)—Marek Weber and His Orchestra, "Cavalleria Rusticana" Selection. Vienna Philharmonic Orchestra, "Hungarian Dance No. 3" (Brahms). Trio—Fritz and Hugo Kreisler and Michael Rauchaussen, "Marche Miniature Viennois" (Kreisler) (DA961). Berlin Philharmonic Orchestra, "Tannhauser" March (D1498). De Groot and His Orchestra, "I Love You" (Grieg) (B3184). Berlin Philharmonic Orchestra, "Hungarian March—The Damnation of Faust" (Berlioz) (D1498). Trio—Fritz and Hugo Kreisler and Michael Rauchaussen, "Syncopation" (Kreisler) (DA961). Berlin State Orchestra, "Oberon" Overture (Weber) (D1316). Vienna Philharmonic Orchestra, "Hungarian Dance No. 1" (Brahms). Band of H.M. Coldstream Guards, "Suite Francaise" (Foulds). De Groot and His Orchestra, "Romance" (Rubinstein) (B3184). Marek Weber and His Orchestra, "Lehariana" (Geiger) (C1679).
 7.0: News session.
 7.30: Talk—Mr. James Deans (President of New Zealand Forestry League), "Private Planting."
 8.0: Chimes. Overture—Berlin State Opera Orchestra, "The Magic Flute."
 8.9: Baritone—Mr. Fred C. Penfold, "Onaway, Awake, Beloved" (Cowen).
 8.13: Instrumental—Studio Octet, (a) "Cortege Catalan" (Severac), (b) "Chanson Russe" (Krein), (c) "Allegro from Fourth Symphony" (Dvorak).
 8.26: Soprano—Mrs. J. A. Edwards (with octet accompaniment), (a) "Cuckoo" (Lehmann), (b) "A Blackbird's Song" (Sanderson).
 8.32: Tenor—Mr. J. A. Blythe, "Wandering in the Wood" (Grieg).
 8.35: Violin with orchestra—Professor R. C. Zimmermann, (a) "Walther's Preislied" (Wagner-Wilhelmj) from "Die Meistersingers von Nurnberg," (b) mazurka, "Le Menetrier" (Wienlawski).
 8.45: Baritone—Mr. Fred C. Penfold, (a) "O Flower of All the World" (Woodforde-Finden), (b) "The Secret" (Scott).
 8.52: Selection—Studio Octet, "L'Impressario" (Mozart).
 8.57: Choir—Thomanerchor Leipzig, "In Stiller Nacht" (Brahms) (Polydor).

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- 9.0 : Weather forecast and station notices.
 9.2 : Band—Garde Republicaine, "Clarinet Concerto" (Weber) (Col. 02879).
 9.10 : Tenor—Mr. J. A. Blythe, (a) "Trees" (Rasbach), (b) "The Garland."
 9.17 : Violin and orchestra—Professor R. C. Zimmermann and Octet, (a) "Traumerei" (Schumann), (b) "Sonata in A" (Handel): (1) "Andante," (2) "Allegro," (3) "Adagio," (4) "Allegretto Moderato."
 9.26 : Soprano with orchestra—Mrs. J. A. Edwardes (with Studio Octet accompaniment), "Good-Bye" (Tosti).
 9.30 : Programme of dance music by Lyndon Christie's Rhythmic Symphonists:
 Foxtrots—"It's a Great Life" (Whiting); "Body and Soul" (Green); "Playing With Fire" (Gay); "Sitting on a Rainbow" (Yellen).
 Slow foxtrot—"Song of the Dawn" (Yellen); foxtrots, "Henderson Stomp" (Henderson), "Monte Carlo Medley" (Haring).
 Slow foxtrot—"Telling It to the Daisies" (Young); foxtrots, "A Girl Friend of a Boy Friend of Mine" (Donaldson), "Have a Little Faith in Me" (Lewis); waltzes, "Wanganui Moon" (McKenzie), "Down the River of Golden Dreams" (Klennen).
 Foxtrot—"It Must Be You" (Elison); slow foxtrot, "Without You, Emaline" (De Rose).
 Foxtrots—"Wipin' the Pan" (Shilkret); "Roll Up the Carpets."
 Slow foxtrot—"Farewell, Blues" (Schobel).
 Foxtrots—"Livin' in the Sunlight, Lovin' in the Moonlight" (Sherman); "Echoes of Ireland" (arr. Lange).
 Slow foxtrot—"Ida, Sweet as Apple Cider" (Leonard).
 Foxtrot—"There's a Place in the Sun for You" (Green).
 11.1 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, JUNE 18.

SILENT DAY.

Friday, June 19

1YA, AUCKLAND (900 KILOCYCLES)—FRIDAY, JUNE 19.

- 3.0 : Selected recordings.
 3.15 : Literary selection.
 5.0 : Children's session, conducted by Nod and Aunt Jean.
 6.0 : Dinner music session (Columbia)—
 Finck's Orchestra, "Gaiety Echoes" (Caryll-Monckton) (02914).
 Sandler's Orchestra, "Las Lagarteranas" (Guerrero and Foulkes).
 Regal Salon Orchestra, "Memories of Beethoven" (Regal G30049).
 J. H. Squire's Celeste Octet, "Everybody's Melodies" (arr. Squire).
 Organ—John Hassel, "By the Waters of Minnetonka" (Lieurance).
 Sandler's Orchestra, "Raphaelito" (Guerrero and Foulkes) (01634).
 Dinicu and His Orchestra, "Adoration" Tango (Bianco) (DO145).
 Regal Cinema Orchestra, "Broadway Selection" (Gottler) (02990).
 Romani and Italian Orchestra, "Old Comrades March" (Telke).
 Berlin State Orchestra, "Die Fledermaus" (Strauss) (04345).
 Nullo Romani's Orchestra, "Canto Al Inverno" (Regal G20581).
 Russian Novelty Orchestra, "Tesoro Mio" (Becucci) (Regal G20581).
 7.0 : News and market reports.
 8.0 : Chimes. Overture—Regal Cinema Orchestra, "Broadway" Selection.
 8.9 : Soprano—Miss Patricia McLeod, "The Last Rose of Summer" (Flotow).
 8.13 : English concertina—Mr. Robert McKnight, "Life Let Us Cherish."
 8.18 : March—Orchestral Octet, conducted by Mr. Harold Baxter, "Bulgarian" (Lotter); orchestral, "Russian Suite" (Bantock): (a) "Polka," (b) "Valse," (c) "Cossack Dance."
 8.29 : Tenor—Mr. J. B. MacLean, "Come into the Garden, Maud" (Balfe).
 8.33 : Violin—Gustav Link, (a) "Gavotte" (Rameau); (b) "An Dich."
 8.39 : Waltz—Orchestral Octet, "Vie Dans la Cite" (Translateur).
 8.45 : Humour—Stanley Holloway, "Old Sam" (Holloway) (Col. DOX147).
 8.53 : Czardas—Orchestral Octet, "Rozsa" (Hubay); spiritual, "Deep River."
 9.1 : Evening weather forecast and announcements.
 9.4 : Polydor Brass Band, "Telefunken March" (Zandorai).
 9.7 : Soprano—Miss Patricia McLeod, (a) "Il Bacio" (Arditi); (b) "Phyllis Is My Only Joy" (Old English) (Hobbs).
 9.13 : English concertina—Mr. Robert McKnight, (a) "Spring Song" (Mendelssohn—arr. Case); (b) "Golconda March" (Laurendeau).
 9.18 : Suite—Orchestral Octet, "Three Dale Dances" (Wood); serenade, "Venetian" (Voelker).
 9.30 : Humour—Miss Rhona Speed, (a) "The Lady Who Obliges" (Thomas); (b) "Talk with the Monkeys at the Zoo" (Thomas).
 9.41 : Balalaika Orchestra, Gorskaja, (a) "Zwei Gitarren"; (b) "Habe Mitleid Mit Mir" (Traditional) (Polydor 20589).
 9.47 : Tenor—Mr. J. B. MacLean, (a) "MacGregors' Gathering" (Scott); (b) "Bonnie Wee Things" (Burns).
 9.52 : Intermezzo—The Orchestral Octet, "Flower Song" (Cohen); entr'acte, "Lillies" (Bendix).
 10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—FRIDAY, JUNE 19.

- 10.0 : Chimes. Selected gramophone records.
 11.12 : Lecturette—"Fashions."
 11.37 : Lecturette—"Beauty Culture in all its Phases."
 12.0 : Lunch hour music.
 2.9 : Selected gramophone recordings.

- 3.30 and 4.30 : Sporting results to hand.
 5.0 : Children's session, conducted by Uncle Jim and Story Book Lady.
 6.0 : Dinner music session (H.M.V.)—
 Royal Opera Orchestra, "Carmen—Entr'acte Act 4 and Ballet No. 1,"
 Piccadilly Orchestra, "My Beloved Gondolier" (Tibor) (B2575).
 London Symphony Orchestra, "Chanson de Matin" (Elgar) (D1236).
 National Symphony Orchestra, "Light Cavalry" Overture (Suppe).
 Royal Opera Orchestra, "Carmen—Ballet No. 2" (Bizet) (C1424).
 Piccadilly Orchestra, "Souvenir di Capri" (Beece) (B2575).
 Philadelphia Symphony Orchestra, "Invitation to the Waltz" (Weber).
 New Symphony Orchestra, "Pastoral Dance" from "Nell Gwynn".
 London Symphony Orchestra, "Chanson de Nuit" (Elgar) (D1236).
 Berlin State Opera Orchestra, "The Beautiful Galathea" Overture.
 New Symphony Orchestra, "Country Dance" (from "Nell Gwynn").
 Berlin Philharmonic Orchestra, "Beatrice and Benedict" (Berlioz).
 7.0 : News session, market reports and sports results.
 7.40 : Lecturette—Mr. Dan McKenzie, "The Laws of Rugby."
 8.0 : Chimes. Note: This programme is subject to interruption to permit of a relay of a sound film feature from the Majestic Theatre.
 Overture—2YA Orchestra (Conductor, Signor A. P. Truda), "La Burlesque" (Suppe); two-step, "2YA" (Douglas).
 8.8 : Vocal quartets—Waiata Quartet, (a) "Gipsy Love Song" (Herbert); (b) "Grey Days" (Johnson).
 8.14 : Guitar duo—Berthold and Bent, (a) "Down the River of Golden Dreams" (Shilkret); (b) "Southern Blues" (Palaikiko).
 8.21 : Soprano—Miss Nora Gray, with orchestral accompaniment, (a) "Without Thee" (Gounod); (b) "Give Me Thy Heart" (Giovani).
 8.27 : Vocal duet—Misses Lalla Vondersloot and Mollie Fenton, "Arise, O Sun" (Day).
 8.31 : Selection—2YA Orchestra, "Cabaret Girl" (Kern).
 8.41 : Vocal quartet—Waiata Quartet, "The Birth of Morn" (Seoni).
 8.45 : Contralto—Mrs. P. Ramsey with orchestra and chorus, "Waiata Maori" (Hill); contralto with orchestra, "The Glory of the Sea."
 8.52 : Medley—2YA Orchestra, "Master Melodies," Part 1 (arr. Roberts).
 9.0 : Weather report and station notices.
 9.2 : Vocal duet—Misses Nora Gray and Lalla Vondersloot, "Sing! Sing! Bird on the Wing" (Nutting).
 9.6 : Guitar duo—Berthold and Bent, (a) "One Lovely Night" (Brown); (b) "Hawaiian Blues" (Marple).
 9.14 : Vocal quartet—Waiata Quartet, "Ye Cattle" (Smith).
 9.18 : Waltz—2YA Orchestra, "Tesoro Mio" (Becucci); foxtrot, "Dancing Time" (Kern).
 9.30 : Dance programme (Brunswick)—
 Foxtrots—Hal Kemp and His Orchestra, "Medley of Southern College Songs" (4958).
 Waltz—Carter's Orchestra, "Wednesday Night Waltz" (Williams).
 9.42 : Lloyd Huntley and His Isle o' Blues Orchestra, "Lonely" (Grey).
 Ben Bernie and His Orchestra, "I Still Belong to You."
 Lloyd Huntley and His Isle o' Blues Orchestra, "Gee, But I'd Like to Make You Happy" (Shay) (4937).
 9.51 : Vocal—Chester Gaylord, "What's the Use?" (Jones) (4928).
 9.54 : Foxtrots—Phil Spitalny's Music, "Maybe It's Love" (Mitchell) (4917).
 Tom Gerun and His Orchestra, "Maybe I'm in Love with a Dream" (Gerun) (6057).
 Tom Clines and His Music, "Why Have You Forgotten Waikiki?" (Kahn) (4882).
 Phil Spitalny's Music, "Beyond the Blue Horizon" (Robin).
 10.6 : Vocal duet—Cotton and Morpheus, "Never Swat a Fly" (De Sylva).
 10.9 : Foxtrots—Six Jumping Jacks, "You're Simply Delish" (Freed).
 Jacques Renard and His Orchestra, "Readin', Ritin', Rhythm" (Hartman) (4940).
 Six Jumping Jacks, "It's a Great Life" (Robin) (4948).
 Tom Gerun and His Orchestra, "I'm Happy When You're Happy" (Baer) (6057).
 10.18 : Waltzes—Bob Haring and His Orchestra, "One Love" (Koehler).
 Castlewood Marimba Band, "Song of the Islands" (King).
 10.24 : Foxtrots—Jacques Renard and His Orchestra, "If I Knew You Better."
 Tom Gerun and His Orchestra, "What a Fool I've Been."
 Bob Haring and His Orchestra, "Baby's Birthday Party."
 Castlewood Marimba Band, "Drifting and Dreaming."
 10.36 : Vocal—Chester Gaylord, "I'll Be Blue Just Thinking of You" (4928).
 10.39 : Foxtrots—Tom Clines and His Music, "Passing Time With Me" (Hill).
 Meyer Davis's Hotel Astor Orchestra, "It Seems to be Spring" (Marion) (4882).
 Tom Clines and His Music, "What's the Use of Living Without Love?" (McCarthy) (4941).
 Waltz—Carter's Orchestra, "The Waltz of the Hills" (Fields) (4935).
 10.51 : Foxtrots—Lloyd Huntley and His Isle o' Blues Orchestra, "Wond'ring."
 Ben Bernie and His Orchestra, "You are the Melody."
 Tom Gerun and His Orchestra, "After All You're All I'm After" (Newman) (4942).
 11.0 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—FRIDAY, JUNE 19.

- 3.0 : Gramophone recital.
 4.25 : Sports results.
 5.0 : Children's hour.
 6.0 : Dinner music session (Polydor)—

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- Paul Godwin's Orchestra, "The Jolly Robbers" Overture (Suppe) (19490); "Stephanie Gavotte" (Czibulka) (19486); "Feldblumen" (Westling) (21407); "Suite Ballet" (Poppy), (1) "Entre Mazurka"; (2) "Pizzicati"; (3) "Valse Lente"; (4) "Largo"; (5) "Final Gallop" (19485/6); "Avant de Mourir" (Boulanger) (21407); "Moonlight" (Massenet) (27161); "Coppelia Ballet" Fantasy (Delibes) (19505).
- State Opera Orchestra, Berlin, "Othello Ballet" (Verdi) (66454); "La Dame Blanche" (Boieldieu) (66390); "Turkish March."
- Paul Godwin's Quintet, (a) "Popular Song"; (b) "Tale" (Komzak).
- 7.0 : News session.
- 8.0 : Chimes. Overture—Court Symphony Orchestra, "Gondoliers" Selection (Sullivan) (Columbia 979).
- Vocal Excerpts from Comic Opera, "Dorothy."
- 8.8 : Chorus—Melodious Quartet, "Lads and Lassies" (Cellier). Soprano—Miss Frances Hamerton and Vocal Trio, "Be Wise in Time."
- 8.16 : Piano—Miss Aileen Warren, (a) "Waltz in D Flat" (Dvorak); (b) "Irish Tune from County Derry" (Grainger).
- 8.20 : Tenor—Mr. Russell Sumner, "With Such a Dainty Maid" (Cellier). Vocal—Melodious Quartet, "You Swear to be Good and True."
- 8.28 : Selections—Christchurch Broadcasting Trio, (a) "Polka" (Bendel); (b) "Serenata" (Toselli); (c) "Mazurka" (Malling).
- 8.38 : Humour in story and song—Mr. Eddie Hegan, "Wonderful Girls."
- 8.43 : Accordion—Bastien and Bal Musette Orchestra, "Le Coquette."
- 8.46 : Bass—Mr. T. D. Williams, "With a Welcome For All" (Cellier). Chorus and tenor solo—Melodious Quartet with Mr. Russell Sumner, "Under the Pump" (Cellier).
- 8.52 : Banjo—Mr. Stan Birch, "Faust" Potpourri (Gounod).
- 9.1 : Weather forecast and station notices.
- 9.3 : March—Cavalry Band, "Alexander" (Leonhardt) (Polydor 21136).
- 9.6 : Humour—Horace Kenney, "A Music Hall Trial Turn" (Kenney).
- 9.14 : Tenor—Mr. Russell Sumner, "The Born a Man of High Degree" (from "Dorothy") (Cellier).
- 9.17 : Instrumental—Christchurch Broadcasting Trio, (a) "Canzonetta"; (b) "Serenade" (Lange-Muller); (c) "Gavotte" (Gautier).
- 9.27 : Bass—Mr. T. D. Williams, "Queen of My Heart" (Cellier).
- 9.31 : Humour in song and story—Mr. Eddie Hegan, "Making Whoopee."
- 9.36 : Piano—Miss Aileen Warren, "Waltz in A" (Dvorak).
- 9.44 : Novelty—Grinzing Schrammel Trio, (a) "What Joy Untold."
- 9.57 : March—Cavalry Band, "Revue" (Faust) (Polydor 21136).
- 10.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—FRIDAY, JUNE 19.

- 5.0 : Afternoon session. Selected recordings.
- 5.0 : Children's hour, conducted by Aunt Sheila.
- 6.0 : Dinner music session (H.M.V.)—New Symphony Orchestra, "Toy Symphony" (Romberg) (C1776). Concert Orchestra, "Minuet" (Boccherini) (Zono. 5019). International Novelty Orchestra, "Lazy Pete" (Kerstein). Zonophone Salon Orchestra, "Old Rustic Bridge" (Skelly). International Novelty Orchestra, "Eva" Waltzes (Lehar). Organ—Sidney Gustard, "Cuckoo" (Jonasson) (EA690). International Novelty Quartet, "Over the Waves" (Rossas). Paul Godwin's Quintet, "Minuet" (Boloni) (Polydor 21704). International Novelty Orchestra, "Carman Sylva" (Ivanovici). Zonophone Salon Orchestra, "Killarney" (Balfe) (Zono. 5469). International Novelty Quartet, "See Me Dance the Polka." Paul Godwin's Quintet, "Love After the Ball" (Cibulka). Concert Orchestra, "Sous Bois" (Staub) (Zono. 5019). Organ—Sandy Macpherson, "I Promise" (Hirsch, Wilhite) (EA690). National Symphony Orchestra, "Zampa" Overture (Herold).
- 7.0 : News session.
- 8.0 : Chimes. Overture—New Symphony Orchestra, "Children's Overture."
- 8.9 : Vocal quartet—The Harmonists, "Old Mother Hubbard" (Wheeler). Contralto—Miss M. S. Green, "I Heard You Singing" (Coates).
- 8.15 : Selection—Instrumental Sextet, "The Quaker Girl" (Monckton).
- 8.27 : Humour—Mr. J. B. McConnell, Old-time Recital, "A Clean Sweep."
- 8.33 : Accordion—Rene Leroux and Bal Musette Orchestra, (a) "During the Dance" (Olivier-Lenoir); (b) "They Don't Have It" (Crayssac).
- 8.39 : Quartet—The Harmonists, "Comin' Thru the Rye" (MacBeth). Baritone—Mr. C. S. Hawes, "MacGregor's Gathering" (Lee).
- 8.45 : Selections—The Sextet, (a) "The White Dove" (Lehar); (b) "Prince of India" (Farrand).
- 8.54 : Humorous choruses—The Harmonists, Three Songs from "Pillcock Hill" (Rowley).
- 9.0 : Weather report and station notices.
- 9.2 : Male choir—Ural Cossacks, "Legend of the Twelve Robbers."
- 9.6 : Popular hits—The Sextet, (a) "Writing a Letter to You" (Young); (b) "Alone and Afraid" (Trent); (c) "Oriental Moon" (H.H. the Maharajah of Porbandar).
- 9.16 : Soprano—Miss Mae Matheson, "Love Will Find a Way" (from "Maid of the Mountains") (Fraser-Simson).
- 9.19 : Organ—Leo Stin, "Peer Gynt Suite No. 2" (Grieg) (Polydor 23164); (a) "Anitra's Dance"; (b) "Solveig's Song."
- 9.25 : Humour—Mr. J. B. McConnell, Old-time Recital, "My Idea of a Girl."
- 9.29 : Cornet and Trombone—Jack Mackintosh and Jesse Stamp, "Miserere" (from "Il Trovatore") (Verdi); (b) "Barcarolle" (from "Tales of Hoffmann") (Offenbach) (Regal G20822).
- 9.35 : Quartet—The Harmonists, "Three Fishers Went Sailing" (Hullah).
- 9.38 : Piano—Mrs. C. Drake, (a) "Peter Piper" (Livens); (b) "Sing a Song of Sixpence."

- 9.43 : Humorous chorus—The Harmonists, "The Hums of Pooh" (Simpson).
- 9.51 : Popular selection—The Sextet, "Betty" (Rubens).
- 10.2 : God save the King.

Saturday, June 20

1YA, AUCKLAND (900 KILOCYCLES)—SATURDAY, JUNE 20.

- 12.0 : Relay of results of First Day's Meeting of the Auckland Trotting Club, at Alexandra Park.
- 3.0 : Relay of Rugby Football from Eden Park.
- 5.0 : Children's session, conducted by Cinderella.
- 6.0 : Dinner music session (H.M.V.)—Boston Symphony Orchestra, "Frühlingsstimmen" (Johann Strauss). Organ—Jesse Crawford, "Serenade" (Romberg) (EA638). National Military Band, "Ben Hur" (Byng) (A365). A. and P. Gypsies, (a) "White Acacia"; (b) "Petite Causerie" (Stone). Vienna Philharmonic Orchestra, "Dorfschwalben" (Strauss) (C1635). International Novelty Quartet, "Teddy Bear's Picnic" (Bratton). Jack Hylton and His Orchestra, "Steppin' Out" (Vauchant) (B5727). New Mayfair Orchestra, "Wake Up and Dream" (Porter) (C1660). Organ—Jesse Crawford, "Indian Love Call" (Friml) (EA638). International Novelty Orchestra, (a) "To Die Dreaming"; (b) "Four Little Farms" (Zono. EE182). A. and P. Gypsies, "Herbertiana" (arr. Stone) (Brunswick 4287). Jack Hylton and His Orchestra, "Old Time Songs" (C1681). International Novelty Quartet, "The Skaters" (Waldteufel). Jack Hylton's Orchestra, "Lonesome Little Doll" (Cowan-Boutelje).
- 7.0 : News and market reports.
- 8.0 : Chimes. Relay of Municipal Choir Concert from the Auckland Town Hall, under the conductorship of Mr. Maughan Barnett.
- 10.0 : Programme of Dance Music from the Studio (Columbia)—Foxtrots—Jack Payne and His B.R.C. Dance Orchestra, "Beware of Love" (Kernell) (DO223). Van Phillips and His Band, "Always in All Ways" (Robin) (DO259); "Why Am I So Romantic?" (Kalmar) (DO 271); "Beyond the Blue Horizon" (Robin) (DO259).
- 10.12 : Waltz—Will Osborne and His Orchestra, "Down the River of Golden Dreams" (Klenner) (DO158). Foxtrots—Jan Garber and His Orchestra, "When a Woman Loves a Man" (Rainger) (DO88). Denza Dance Band, "Loving You" (Yellen) (Regal G20918). Fred Rich and His Orchestra, "If I'd Only Listened to You."
- 10.21 : Vocal duet—Layton and Johnstone, "Dancing With Tears in My Eyes."
- 10.24 : Foxtrots—Rhythmic Troubadours, "You're the Sweetest Girl." Guy Lombardo and His Royal Canadians, "Where the Golden Daffodils Grow" (Archer) (DO128). Waltz—The Cavaliers, "The Kiss Waltz" (Burke) (DO272). Foxtrot—Johnny Walker and His Rollickers, "Betty Co-ed" (Fogarty).
- 10.39 : Vocal duet—Layton and Johnstone, "Watching My Dreams Go By."
- 10.42 : Foxtrots—Will Osborne and His Orchestra, "The Song Without a Name" (Russell) (DO158). Guy Lombardo and His Royal Canadians, "Under a Texas Moon" (Perkins) (DO88); "Good Evenin'" (Seymour).
- 10.51 : Waltz—The Cavaliers, "All Through the Night" (Yorke) (DO271). Foxtrots—Guy Lombardo and His Royal Canadians, "Be Careful With Those Eyes" (Woods) (DO228). Chester Leighton and His Sophomores, "Sweetheart of My Student Days" (Kahn) (Regal G20918).
- 11.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SATURDAY, JUNE 20.

- 3.0 : Chimes. Relay of Rugby football match from Athletic Park.
- 5.0 : Children's session, conducted by Aunt Molly.
- 6.0 : Dinner music session (Parlophone)—Grand Symphony Orchestra, "Raymond" Overture (Thomas) (A4005). Edith Lorand Orchestra, "Wine, Woman, and Song" (Joh. Strauss). Orchestra Mascotte with Edith Lorand, "Siren Magic" (Waldteufel). Orchestra of the Opera Comique, Paris, "Scenes Pittoresques": (a) "Marche," (b) "Fete Boheme" (Massenet) (A4057). Dr. Ormandy's Instrumental Trio, "Barcarolle" (Offenbach) (A2542). Edith Lorand's Orchestra, "Minuet" (Boccherini) (A4108). Edith Lorand's Trio, "Trio" (Goldmark) (E10639). Edith Lorand's Orchestra, "Tales from the Vienna Woods" (Strauss). The Royal Music-Makers, "Ah! Sweet Mystery of Life" (A2722). Orchestra Mascotte with Edith Lorand, "I'd Like to Kiss the Ladies." Edith Lorand's Orchestra, "Toreador and Andalouse" (Rubinstein) (A4108); "Roses of the South" (Strauss) (A2500). Dr. Ormandy's Instrumental Trio, "From the Land of the Sky-Blue Water" (Cadman) (A2542). The Royal Music-Makers, "Kiss Me Again" (Herbert) (A2722).
- 7.0 : News session, market reports and sports results.
- 8.0 : Chimes. "A SCOTTISH NIGHT." Scottish selection—Salon Orchestra (conductor, Mr. M. T. Dixon), "Highland Laddie" (Seredy).
- 8.8 : Contralto—Mrs. Ray Kemp, (a) "Ye Banks and Braes" (tradl.); (b) "Turn Ye to Me" (Old Highland tune).
- 8.14 : Pipe selection—Piper Smith, "Scottish Medley" (arr. Smith).

- 8.18: Tenor—Mr. Will Hancock, (a) "Afton Water"; (b) "Rowan Tree."
 8.24: Selection—Salon Orchestra, "Coronach" (Barratt).
 8.32: Soprano—Mrs. G. Stark, "The Auld House"; (b) "Comin' Thro' the Rye" (traditional).
 8.38: Saxophone—Rene Dumont and Band, (a) "Nola" (Arndt); (b) "Saxophobia" (Wiedoeft), Polydor 21281.
 8.42: Quartet—The Etude, "Mary" (Richardson).
 8.46: Paraphrase—Salon Orchestra, "The Bluebells of Scotland" (Langey).
 8.54: Baritone—Mr. G. Stark, "Blue Bonnets over the Border"; (b) "The Standard on the Braes o' Mar" (traditional).
 9.2: Weather report and station notices.
 9.4: Pipe selection—Piper Smith, "Scottish Medley" (arr. Smith).
 9.8: Baritone—Mr. Ray Kemp, (a) "Bonnie Dundee" (b) "Bonnie Banks o' Loch Lomond" (traditional).
 9.14: Scottish selection—Salon Orchestra, "Highland Laddie" (Seredy).
 9.22: Duet—Mr. and Mrs. G. Stark, "O, Wert Thou in the Cauld Blast?" (Mendelssohn).
 9.26: Chorus—Debroy Somers Band, "It's a Lovely War" (arr. Somers), Columbia DOX156.
 9.34: Soprano—Miss Gretta Stark, (a) "Ma Heart is Sair"; (b) "Robin Adair" (traditional).
 9.40: Selection—Salon Orchestra, "My Ain Folk" (Lemon).
 9.46: Quartet—The Etude, "Aye Waukin' O" (Robertson).
 9.54: Suite—Salon Orchestra, "Keltic Suite" (Foulds); (a) "The Clans"; (b) "A Lament"; (c) "The Call."
 10.0: Dance programme (Brunswick):—
 Foxtrots—Orquesta de Ben Bernie, "Una Gotita de Lluvia."
 Jacques Renard and His Orchestra, "With All My Heart."
 Nick Lucas and His Crooning Troubadours, "Running Between the Raindrops" (Dyrenforth) (6049).
 10.9: Waltz—Meximarimba Band, "Cortesana" (Agustin Lara) (41284).
 Blues—Los Castilians, "Miniatura" (Jolio Fonseca) (41277).
 10.15: Vocal (in Spanish)—Pilar Arcos and Fausto Alvarez, "El Nido."
 10.18: Foxtrots—Los Castilians, "Melodias de Malambo" (Maldonado).
 Nick Lucas and His Crooning Troubadours, "Hello, Beautiful!" (Donaldson) (6049).
 10.24: Waltzes—Marimba Brunswick, "Flor de Ayote" (Alberto Trejo).
 Emil Coleman and His Orchestra, "Heavenly Night" (6037).
 10.30: Foxtrot—Los Castilians, "Que Calor" (Julio Galindo) (41279).
 Blues—Los Castilians, "Anhelos" (Julio Fonseca) (41277).
 10.36: Vocal (in Spanish)—Pilar Arcos and Fausto Alvarez, "Besos Maltidos"
 10.39: Foxtrots—Ozzie Nelson and His Orchestra, "Something to Remember You By" (Dietz) (4922).
 Ben Bernie and His Orchestra, "Lorando Hasta Dormir."
 Ozzie Nelson and His Orchestra, "Body and Soul" (Heyman).
 10.48: Waltzes—Meximarimba Band, "No Me Olvidaras" (Jaine) (41284).
 Bob Haring and His Orchestra, "Tears" (Capano) (6009).
 10.54: Foxtrots—Orquesta de Ben Bernie, "Solo un Amante" (Brown) (41285).
 Marimba Brunswick, "Damian" (Aguilar) (41278).
 11.0: Sporting summary.
 11.10: God save the King.

3YA, CHRISTCHURCH (930 KILOCYCLES)—SATURDAY, JUNE 20.

- 2.50: Relay of Rugby League Football Match from Monica Park.
 5.0: Children's hour.
 6.0: Dinner music session (H.M.V.):—
 Royal Opera Orchestra, "Praeludium" (Jarnefeldt) (B2618); "Eugen Onegin" (Tschaiowsky) (C1281).
 Balalaika Orchestra, "Shining Moon" (Russian folk song) (EA48).
 Vienna Philharmonic Orchestra, "Morning, Noon and Night in Vienna."
 Paul Whiteman's Orchestra, "Suite of Serenades" (Herbert): (1) "Spanish," (2) "Chinese," (3) "Cuban," (4) "Oriental" (EB26).
 Philadelphia Symphony Orchestra, "Tales from the Vienna Woods."
 Berlin State Opera Orchestra, "German Dances" (Mozart) (D1624).
 Royal Opera Orchestra, "Berceuse" (Jarnefeldt) (B2618).
 San Francisco Symphony Orchestra, (a) "Serenade" (Volkman); (b) "Flight of the Bumble Bee" (Rimsky-Korsakov) (ED9).
 Chicago Symphony Orchestra, (a) "Valse Triste" (Sibelius); (b) "Funeral March of a Marionette" (Gounod) (ED5).
 San Francisco Symphony Orchestra, "Marche Militaire" (Schubert).
 7.0: News session.
 7.30: Sports results.
 8.0: Chimes. Relay of programme from 4YA, Dunedin.
 10.0 (approx.): Dance music (Brunswick):—
 Foxtrots—Jacques Renard and His Orchestra, "Tie a Little String Around Your Finger" (Simons) (6032).
 Nick Lucas and His Crooning Troubadours, "You Didn't Have to Tell Me" (Donaldson) (6045).
 Jacques Renard and His Orchestra, "I Hate Myself" (Silver).
 10.9: Waltz—Jacques Renard and His Orchestra, "Reaching for the Moon."
 10.12: Foxtrots—Hal Kemp and His Orchestra, "Think a Little Kindly of Me."
 Isham Jones's Orchestra, "I'm so Afraid of You" (Kalmar).
 10.18: Vocal—Harry Richman, "When Your Lover Has Gone" (Swan).
 10.21: Foxtrots—Isham Jones's Orchestra, "My Ideal" (Robin) (6041).
 Earl Burtinett and His Los Angeles Biltmore Hotel Orchestra, "I Surrender, Dear" (Clifford) (6034).
 Ben Bernie and His Orchestra, "To-morrow is Another Day."
 10.30: Waltzes—Nick Lucas and His Crooning Troubadours, "Falling in Love Again" (Hollander) (6048).
 Carter's Orchestra, "The Waltz of the Hills" (Fields).

- 10.36: Foxtrots—Nick Lucas and His Crooning Troubadours, "When You Were the Blossom" (Dubin) (6045); "Walkin' My Baby Back Home" (Turk) (6048).
 Carter's Orchestra, "When the Bloom is on the Sage."
 10.45: Vocal—Harry Richman, "Just a Gigolo" (Caesar) (6052).
 10.48: Foxtrots—Hal Kemp and His Orchestra, "I Want You for Myself."
 Earl Burtinett and His Los Angeles Biltmore Hotel Orchestra, "To Make a Long Story Short" (Gay) (6034).
 Ben Bernie and His Orchestra, "Liza Lee" (Green) (4899).
 Jacques Renard and His Orchestra, "Heartaches" (Klenner).
 God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, JUNE 20.

- 3.0: Afternoon session.
 5.0: Children's hour, conducted by Aunt Anita.
 6.0: Dinner music session (Columbia):—
 Herman Finck and His Orchestra, "Waldeufel Memories" (02985).
 Circolo Mandolinistico, "Torna a Surriento" (De Curtis) (01210).
 Symphony Orchestra, "Morgen Blatter" (Strauss) (9218).
 B.B.C. Wireless Military Band, "Dance of the Tumblers" (Korsakov).
 J. H. Squire's Celeste Octet, "Funeral March of a Marionette" (01713).
 Plaza Theatre Orchestra, "Pearl o' Mine" (Fletcher) (01638).
 J. H. Squire Celeste Octet, "Peter Pan Selection" (Crook) (02910).
 New Concert Orchestra, "Nights of Fragrance" (Ziehrer) (02979).
 Squire's Celeste Octet, "Air on G String" (Bach) (01713).
 Plaza Theatre Orchestra, "Bal Masque" (Fletcher) (01638).
 Circolo Mandolinistico, "Stephanie Gavotte" (Czibulka) (01210).
 B.B.C. Wireless Military Band, "Golliwog's Cake Walk" (Debussy).
 New Concert Orchestra, "Vienna Maidens" (Ziehrer) (02979).
 Bournemouth Municipal Orchestra, "Crown Diamonds" Overture.
 7.0: News session and sporting results.
 8.0: Chimes. Relay from His Majesty's Theatre, Dunedin, of concert provided under the auspices of Society of Professional Musicians of Otago, in aid of music teachers of Hawke's Bay.
 10.0: Dance session (Polydor):—
 Foxtrots—Marimba Original Excelsior de Guatemala, "El Enganado."
 Ben Bernie Dance Orchestra, "There's Only Room For One Love" (May) (23535).
 Paul Godwin Dance Orchestra, "I'm Longing for Something."
 10.9: Waltz—Ilja Livschakoff Dance Orchestra, "Mother Needn't Know."
 Foxtrots—Ben Berlin Dance Orchestra, "If ifs and Ands were Pots and Pans" (Stolz) (23611).
 Ilja Livschakoff and His Dance Orchestra, "The Brave Little Tailor" (May) (22923).
 10.18: Vocal—Clem Williams, "Old-fashioned Girl" (De Sylva).
 10.21: Tangos—Ilja Livschakoff Dance Orchestra, "Your Lips were Mine in My Dreams" (Marbot) (23546).
 Ben Berlin Dance Orchestra, "What's the Time?" (May).
 Paul Godwin Dance Orchestra, "Pimpy, My Best Friend Is You" (Ortuso) (23653).
 10.30: Waltz—Paul Godwin Dance Orchestra, "That's You" (Molto).
 Foxtrots—"Mother Goose Parade" (Breau) (23327).
 Ilja Livschakoff Dance Orchestra, "I Would I Could Be Your Lover" (Dostal) (22923).
 10.39: Vocal—Clem Williams and Des Tooley, "You are the Melody."
 10.42: Tangos—Ilja Livschakoff Dance Orchestra, "My Heart is at Your Feet"
 Paul Godwin Dance Orchestra, "Don't Leave Me" (Hollander) (23536); "Parting" (Blech) (23653).
 10.51: Foxtrots—Ilja Livschakoff Dance Orchestra, "Don't Fear the First Kiss" (Stolz) (23701).
 Paul Godwin Dance Orchestra, "Dancing Puppets" (Rust).
 Marimba Original Excelsior de Guatemala, "Aguilos Mexicanas" (Jose Escobar) (21901).
 11.0: God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SATURDAY, JUNE 20.

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

Sunday, June 21

1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, JUNE 21.

- 3.0: Selected recordings, and relay of portion of Organ Recital from the Auckland Town Hall by the City Organist, Mr. Maughan Barnett.
 6.0: Children's Song Service, conducted by Uncle Bert.
 7.0: Relay of Divine Service from the Church of Christ, West Street.
 Preacher: Pastor W. Campbell.
 8.30: (Approx): Overture—Orchestral Octet, under direction of Mr. Harold Baxter, "Rakoczy" (Kela Bela).
 Contralto—Miss Edna Peace, "Out on the Rocks" (Dolby).
 Cello and organ—Hans Bottermund, (a) "Evening Song" (Schumann); (b) "Thou Art Repose" (Schubert) (Polydor 19971).
 Ballet—Orchestral Octet, "Naila" (Delibes).
 Male choir—Ural Cossacks, (a) "Das Gebet des Kosaken" (Koiatilin); (b) "Der Nordische Stern" (Glinka) (Polydor 19822).

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Evening weather forecast and announcements.

Damon String Quartet, (a) "German Dances—Minuet No. 5"

Baritone—Mr. J. A. Shanks, "The Great Adventure" (Fletcher).

Intermezzo—Orchestral Octet, "Lalla Rookh" (Pabst); Orchestral,
"Slavonic Dance No. 3" (Dvorak); Waltz, "Southern Roses."

Contralto—Miss Edna Peace, (a) "Panis Angelicus" (Franck); (b)
"Sapphic Ode" (Brahms).

Spirituals—Williams Jubilee Singers, (a) "My Lord is Riding all the
Time"; (b) "Po-Mona" (Trad'l) (Brunswick 7191).

Idylle—Orchestral Octet, "Boreas" (Trinkaus); Orchestral, "Prelude."

Baritone—Mr. J. A. Shanks, (a) "The Dawn" (D'Hardelot); (b)
"Time Was I Roved the Mountains" (Lohr).

Orchestral Octet, "Air de Ballet" (Losey); Selection, "The Debutante."

10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, JUNE 21.

3.0 to 4.30: Afternoon session, of Selected Gramophone Recordings.

6.0 : Children's Song Service, conducted by Uncle George, assisted by the
Kilbirnie Presbyterian Sunday School Choir.

7.0 : Relay of Evening Service from St. Andrew's Presbyterian Church.
Preacher: Rev. R. J. Howie, B.A. Organist and Choirmaster:
Mr. Frank Thomas.

8.15 (Approx.): Relay of Band Recital by the Wellington Municipal Tram-
ways Band from St. James' Theatre (conductor, Mr. E. Franklin).
God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, JUNE 21.

3.0 : Gramophone recital.

5.30: Children's Song Service by children of Church of England Sunday
Schools.

6.15: Studio chimes.

6.30: Musical recordings from studio.

7.0 : Relay of Evening Service from Christchurch Anglican Cathedral,
Cathedral Square. Preacher: Rev. O. Fitzgerald. Organist and
Choir Conductor: Dr. J. O. Bradshaw.

8.25: (approx.): Selection—Studio Octet (Conductor, Harold Beck), "Over-
ture to Norma" (Bellini).

8.31: Tenor—Mr. Ernest Rogers, "Ah, Moon of My Delight" (from "A
Persian Garden") (Lehmann).

Soprano with harp and organ—Madame Gower Burns; harp, H. G.
Glaysheer; organ, Miss Harley Slack, "The Lord is My Light."

8.39: Piano—Michael Zadora, (a) "La Passion" (Lamare); (b) "Prelude
in C Major" (Prokofieff) (Polydor 23022).

9.45: Selection—Studio Octet, "Folk Tune and Fiddle Dance" (Fletcher).

8.54: Contralto with orchestra—Miss Alice Vinsen, "A Heap of Rose Leaves"
(Willeby); (b) "The Hills of Donegal" (Sanderson).

9.0 : Weather forecast and station notices.

9.2 : Selection—Studio Octet, "La Traviata" (Verdi).

9.16: Soprano and tenor—Grand Opera Duo, "Dear Love of Mine" (from
"Nadeshda") (Goring Thomas).

Tenor—Mr. Ernest Rogers, "Tell Me, Charming Creature" (from
"Flora's Holiday") (Lane Wilson).

9.22: Violin—Gustav Link, (a) "Swedish Airs" (Juon); (b) "Saltarella."

9.28: Soprano—Madame Gower Burns, "Love's Greetings" (from "Flora's
Holiday") (Lane Wilson).

9.31: Selection—Studio String Quartet, "Scherzo" (Cherubini).

9.39: Contralto—Miss Alice Vinsen, "Abide With Me" (Liddle).

9.43: Male choir—Don Cossacks, "March Prince Cleg" (arr. Jaroff).

9.47: Soprano and tenor—Grand Opera Duo, "Stay! Stay! Turiddu" (from
"Cavalleria Rusticana") (Mascagni).

9.51: Selection—Studio Octet, Incidental Music, "Monsieur Beaucaire."

9.56: Soprano—Madame Gower Burns, "Because of Thee" (Berthoud Tours)

Tenor—Mr. Ernest Rogers, "Dear Sleeping Rose" (Rogers).

10.1 : St. Hilda's Professional Band, "Hallelujah Chorus" (Handel).

God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, JUNE 21.

3.0 : Selected recordings.

5.30: Children's Song Service, conducted by Big Brother Bill.

6.15: Instrumental recordings.

6.30: Relay of Evening Church Service from Methodist Central Mission,
Octagon, Dunedin. Preacher: Rev. L. Neale. Choirmaster: Mr.
Mortley Peake.

7.45: Selected recordings.

8.15: Relay of Concert Programme from Station 3YA, Christchurch.

10.0 (approx.): God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, JUNE 21.

6.0 to 6.45: Children's Sunday Service.

8.15 to 10.0 p.m.: Concert programme.

Laboratory Jottings

Gulbransen Combination

From Messrs. H. W. Clarke, Ltd., we have received a Gulbransen three-in-one model combination radio receiver, incorporating a super-heterodyne short-wave converter, which gives the set a world-wide range.

The receiver has a handsome appearance, and the short-wave adapter, in the model we tested, fits unobtrusively on one side. In other models, and in some ways this is preferable, a separate adapter rests on the top of the receiver.

As a gramophone amplifier, the set leaves nothing to be desired. On a frequency test it gave strong responses from 50 to 7000 cycles. These were by no means the extremes, for more or less weak responses were obtained above and below this, illustrating that the set is capable of reproducing faithfully almost any type of musical instrument or voice. There is a marked absence of base predominance, though the tone control will give this if desired.

The gramophone part of the outfit employs a Hammond motor, which incorporates several new principles, among these being the absence of a stopping and starting device. One starts the turntable revolving merely by flicking it. It is stopped by the automatic stop on the record. There is a complete absence of noise, it is permanently lubricated, beautifully finished, requires no governor, and maintains constant speed. It is indeed a high-class motor.

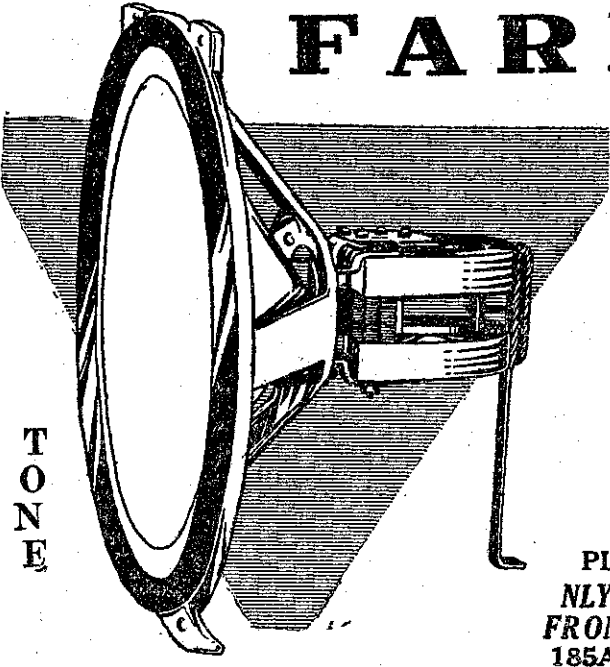
The volume control is smooth, and will control 2YA at close range satisfactorily without having to remove the aerial.

The sensitivity of the set is very high, and on the local switch we could listen to all we desired. 2FC and 2BL could be brought in with the set adjusted in this manner, and for pleasurable listening we found it advisable to use this switch on all stations to which we were listening. One evening when conditions were not particularly good, we ran down the dial and brought in fifteen stations, any one of which might be listened to with pleasure. We did not attempt to do DX-ing with the set, though an ample reserve of power was available had we wished to do so.

The short-wave equipment seems to us to be, perhaps, the most logical solution of the converter problem. By using a super-heterodyne converter all the valves of the main set are employed, as this adapter is placed between the aerial and the aerial terminal of the set. The short-wave coils cover all the bands from 17 to 100 metres. Tuning is very critical, but with a little practice, stations from all over the world can be brought in. We listened to Sydney and Melbourne stations, 5SW (London), W3XAL, and many other Americans, to say nothing of the many amateurs that came in at good strength.

There is much to be explored in short wave, and it takes time and patience. We are convinced, however, that the adapter is an excellent one, and the combination left little to be desired.

CHARLIE CHAPLIN, who on his recent visit to London several months ago could not be persuaded to face the microphone, in America refused offers totalling £180,000 for broadcasting advertisements. He was offered £180,000 for twenty-six radio talks of fifteen minutes each. This works out at £333 a minute! He also received an offer for £50,000 from one of the largest public concerns in America.



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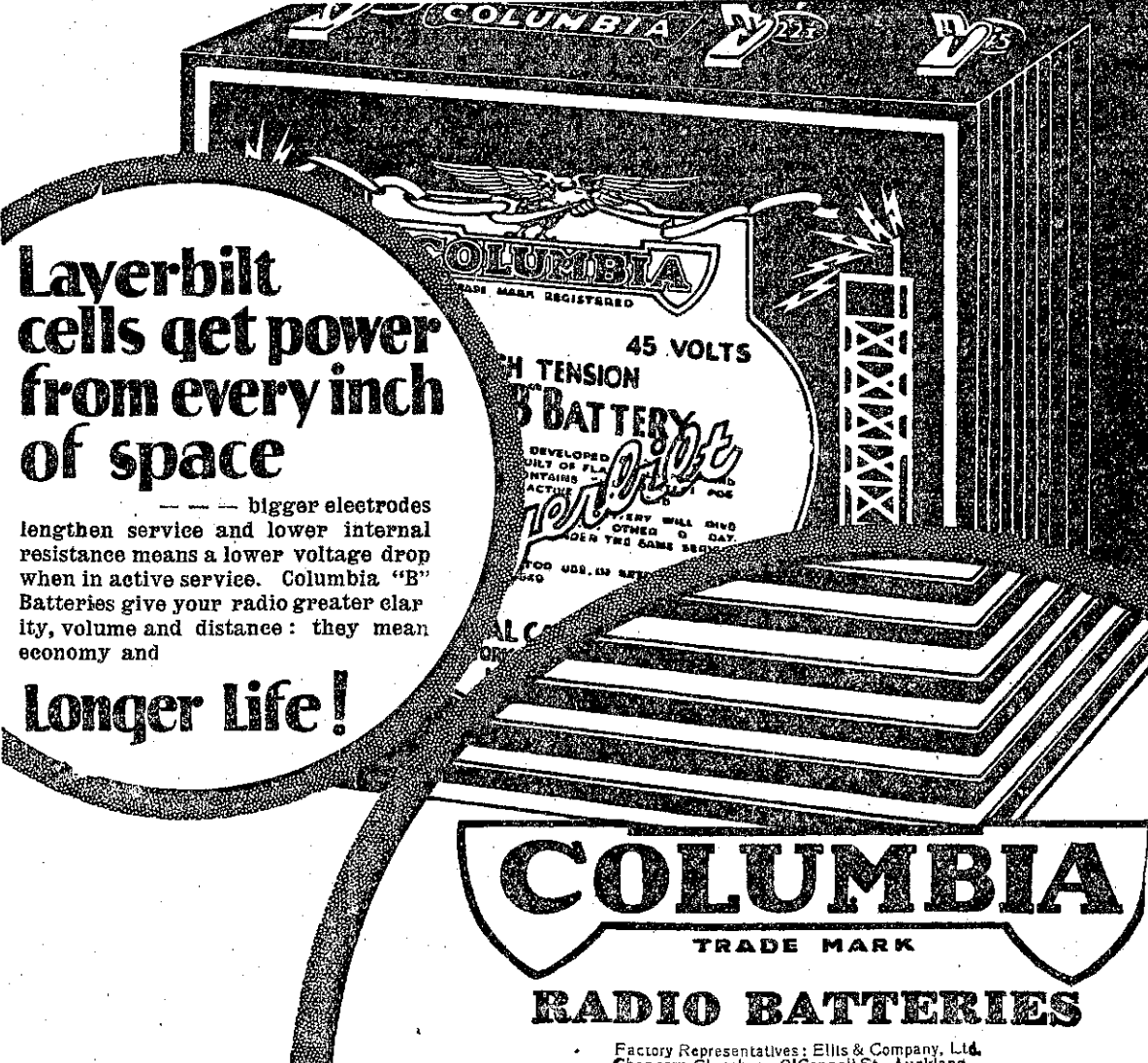
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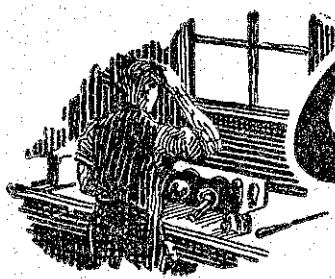
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Questions and Answers



CRYSTA (Nelson): What is the correct strength of caustic soda for an Edison battery?

A.: On these questions we advise you to write A. R. Harris and Co., Christchurch, who are the agents.

2. Will strong solution damage the elements?

A.: No, but it will not hold the charge.

3. What should it cost to charge a 6-volt 100-amp. battery through a Tanager charger, a unit of electricity costing 4d?

A.: If the battery is well down approximately 1/6 to 2/.

5. There is an a.c. hum on my battery set on short-wave, and there is no reaction however leads are changed and turns added.

A.: It is apparent that somewhere there is an open circuit. It will be a case of setting to and finding it. Try a 4½ volts "C" battery on the first audio valve and put 90 volts on the plate of that same valve.

TEKAWA (Te Awamutu): What is the best type of valve to use in my set?

A.: Use the same as you have had in before with the exception of the last

stage, in which we recommend 171. You could use Radiotron valves throughout.

ODSOX (Pio Pio): I have built the Sparrow Hawk One, but the set will not oscillate, but my "B" battery is old.

A.: It seems that herein is your trouble. Try reversing the turns to the tickler and increasing the "B" voltage.

2. Should I take down the tickler coil and wind it with finer wire to get on more turns?—Yes.

3. My aerial is 80ft. long and 30ft. high at one end and 20ft. high at the other and clear of all earthed object. Is it efficient?

A.: It is efficient, but would be more so if you could get it higher.

KHAND. (Wellington): When will you publish the constructional details of the a.c. Outspan Five?

A.: In the 1931 Guide, we published the constructional details of the Radiogram Five, which is really the a.c. version of the Outspan, using a stage push-pull amplification.

ROMA (Wellington): Would the enclosed circuit be suitable for an a.c. shortwave adapter?

A.: Yes; it will be as successful as any a.c. shortwave adapter, though when amateur constructed these are not always successful. It is safer if all hum is to be eliminated to make a battery adapter.

2. What kind of a base is the Philips 035?—a.c. English.

W.E.T. (Christchurch): Your circuit is correct. Your style of neutralisation while not usual should be quite satisfactory. A tried circuit of the two valve B.D. was published in "All About the All Electric."

COASTER (Greymouth): My aerial poles are 30 feet high and lead-in 80 feet. If I made one pole say 55 feet high and lengthened my aerial to 100 feet would I get better reception?

A.: Yes, you would get better reception but whether you would get the stations you desire cannot be said.

2. Does direction of an aerial affect the set?

A.: Not in the ordinary way. An aerial to be directional must have a very long horizontal portion in comparison with the lead-in. For this reason the Beverage aerial is highly directional.

3. My machine is a nine-valve commercial. Is it a good make for DX-ing?

A.: Yes, but good results in DX cannot be relied upon unless one is in a favourable locality.

BEGINNER (Auckland): I have an 8-valve S.G. set. When I bought the set 12 months ago each station was restricted to one number. Now they are spread over four or five. What is the trouble?

A.: The lack of selectivity you are now being troubled with is due probably to the aging of the valves or your condensers being out of alignment, although any fault in the radio amplifier may contribute to decreased selectivity.

UX. (Te Kuiti): You are referred to Cathode's article in the last two "R.R.'s" as you will find your queries are fully answered there.

J.C.N. (Auckland):—I have been troubled with oscillation in the r.f. stages of my 5-valve set, although each stage is screened separately. I have tried all the usual cures.

A.: Assuming that everything is O.K. as you mention, and that all wiring has been checked, it would appear that your fault lies in a defective valve, an open secondary, or a failure to obtain a ground

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return, connections to a condenser reversed, and, failing all remedies place a 400-ohms choke or resistance in the grid leak of the first valve at the valve socket. Why not use s.g. amplification, and you would probably get over this trouble?

2. What gauge of wire is best to use in a coil of this kind with a 3in. former?—24 d.s.c.

3. Is a chart like the one in the "Guide" procurable to give data for shortwave coils?

A.: This chart can be used, but a special one was prepared for "Q.S.T." about 12 months ago.

4. Can you give me the specifications for aerial and secondary and secondary and tickler coils for plug-in coils, not valve base?

A.: See the last table of the list published in April 17 issue. Generally speaking, the aerial is about the same as the tickler. If anything, slightly less.

BROWNIE (Auckland): My B.D. after working for a while suddenly gives a plop and the volume diminishes, but can be brought back to full volume by detuning the detector coil.

A.: Either the condenser is slipping or the grid leak has outstayed its useful life. Maybe you have a defective grid condenser.

F.W.A. (Christchurch): Is the Sparrow Hawk differential adapter as set forth in the "Guide" suitable for plugging into the detector socket of my 6-valve receiving set?—Yes.

2. Would the super. het. adapter be better?

A.: No; you have not sufficient r.f. amplification.

UNCERTAIN (Christchurch): Would you give me specifications for broadcast coils to tune from 200 to 550 m. to be wound on a 2 1/2 in. former using 24 d.c.c. wire for the secondary, 27 d.c.c. for the tickler and the primary to tune with a .00035 condenser, and will use a .00013 condenser for regeneration.

A.: 70 turns on the secondary, 40 on the tickler and 30 on the primary.

2. The set will not bring in distant stations at sufficient loudspeaker strength. Am I using the correct valves—they are two 609's and one A609?

A.: The more efficient broadcast coil that you evidently contemplate making will certainly improve matters. You are using the best valves for the set and you should get good results with New Zealand stations. How are your batteries?

A.M. (Canterbury).—Could you supply details for constructing a resonator to tune my aerial?

A.: With your type of set it is not necessary unless you shunt a small value condenser across the aerial coil and tune with this.

HITENSHUN (Carterton).—There seems to be a scarcity of old valves with 5 pin bases. Is there any alternative?

A.: Yes, you can make them yourself by using circles of three-ply and valve pins. However, the Kestrel Three, which is due out shortly, will not use five pin sockets.

2. Is the "Eddystone" shortwave induction unit obtained in New Zealand?

A.: We do not know, and we have not heard of it being sold here.

3. I have a wet cell "B" battery which is charged with a Tungar charger. When the current to the charger is switched off the resistance lamp and rectifying bulb light up. Am I doing any harm?

A.: Only short circuiting your "B" battery. When you cut it off at the main switch break the connection between the charger and your battery.

BROADOLA (Auckland).—Can you give me the coil specifications for .0001 variable condensers to tune coils on valve bases?

A.: You have omitted to say what type of reaction you are using, and what size of condenser. We presume it is a .00015. Furthermore, you have not stated whether it is secondary and tickler, or primary, secondary, tickler. As the former is the more usual, we advise you to try these specifications:—

35 to 60 metres—Secondary 14, tickler 12.

35 to 60 metres—Secondary 14, tickler 8.

20 to 35 metres—Secondary 5, tickler 5.

10 to 20 metres—Secondary 3, tickler 4.

The secondary coil should be wound with 24 d.s.c. wire or thereabouts, and the ticklers with 28 to 30-gauge d.s.c. wire. The windings should be separated by 1-8 in.

T.L.W. (Wellington): Why does my set work better without a grid leak than with one?

A.: Either your grid leak or grid condenser is defective. Try another valve.

2. Where could I obtain instructions for converting the Sparrow Hawk one into a two-valve set?

A.: Build the Night Hawk Two, instructions for which were given in the "R.R." a few months back.

3. I cannot get reception without oscillation, and when I tune below the oscillating point I lose the station.

A.: Try another grid leak as it seems that this is at fault. If you get to the bottom of the trouble previously referred to, you will no doubt get over this. Another valve may make a big difference. Ask a dealer to lend you one.

LIGHTNING (Auckland): I have two 30 amp hour accumulators and I run this in conjunction with a three-valve set and a cone speaker. I can only run the accumulator 30 hours without recharging and I am told it is due to the amount of current taken by cone speakers. Is this so?

A.: No, your speaker will not have any effect on the "A" battery current, or for that matter on the "B" as unless it is a dynamic cone type it draws power from the battery. Yours is not. Probably there is something wrong with your accumulator. Maybe there is an internal short circuit. It is possible that a sediment has collected at the bottom and the electrolyte wants drawing off and the battery washing out.

SHORTWAVE (Marton): I intend making a portable differential four. What is a good make of non-spillable accumulator and where could I obtain a miniature cone speaker for the above set?

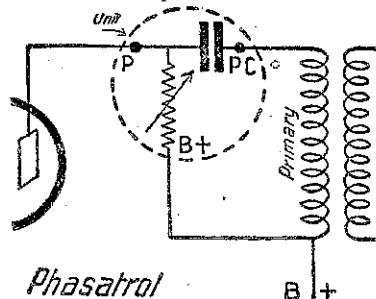
A.: Both these are questions you should refer to a dealer. If you cannot get satisfaction locally, write one of the city dealers, who will no doubt be able to do something for you.

2. Must double spaced tuning condensers be used for the set if operated on shortwave?

A.: No; while they would be an advantage they are certainly not necessary. They are undesirable if you wish to operate on broadcast.

AUSSIE (Frankton): I have BD formers and condensers and a phasatrol. Can you give me a diagram of a circuit?

A.: Yes, reproduced on this page is a circuit of a phasatrol showing how it is connected in a set. To operate, you



adjust to maximum resistance and then turn back so that the set will not oscillate when there is no reaction.

2. Can you give me the voltages on the fixed tapplings on the Philips 3002 power unit? I use two 201A's one 200A and DE5.

A.: Roughly you will have 160 volts on the last valve. We cannot tell you the amount you will have from the other tapplings unless we know precisely the drain from each one. The voltage is entirely dependent upon the drain.

ECONOMY (Hakataramea): I have a four-valve battery set for long and shortwave. I am a shortwave enthusiast, but dislike hum of any description. How can I best use the electric mains for my A, B, and C supply and introduce a minimum of hum?

A.: Employ a trickle charger for the "A" battery, use a good "B" eliminator, and if necessary employ a further choke and a 2 mfd. by-pass condenser in the detector plate supply. This will eliminate all trace of hum. It is advisable to use by-pass condensers between all the "B+"s and earth. These should be of as high a capacity as possible, and should not be less than 1 mfd.

2. Some of the latest electric sets are humless. Is it all smoothed out?

A.: The absence of hum is due mainly to high efficiency electrolytic condensers and chokes. However, much of it is got rid of by balancing.

W.D.K. (Southland): My set is a three-valver, and the "A" battery is composed of six cells in series parallel. It lasts about three months using the set about two hours a day. Would the Differential Three valve set be as economical as this?

A.: Providing you use the same or equivalent valves, yes. It is the valves that take the current, not the set.

2. Would DEL410 be suitable for the Sparrow Hawk differential adapter?

A.: Yes, it will be quite satisfactory.

S.H.J. (Waiuku): What ratio of output transformer is needed to match the Jensen 250 volt. a.c. speaker with two Osram 625A valves in push-pull?

A.: We do not know the impedance of the Jensen, but it will probably be that of the ordinary low impedance type, and will require a 25-1 transformer. If that is already provided use a 1-1 output transformer.

L.J.T. (Auckland): Concerning the L.W. with parallel output valves, why is the output transformer not placed in the main lead from the power pack?

A.: Because it was found to go better where it is. However, you can try it in the main lead if you wish, providing your transformer will take 60 m. amps. of current, which is really quite usual. Actually you are employing a system of parallel feed to keep this heavy current out of the transformer. It may be necessary to use a radio-frequency choke of 1000 turns of 34 gauge wire between the 2 mfd. condenser and the power supply.

2. Are Cunningham valves suitable without any circuit alteration?—Yes.

3. Is an r.f. choke necessary with the 245's?

A.: It will probably help to keep h.f. current out of the power supply, and should be placed where we indicated in answer No. 1. See the remarks published in last week's Questions and Answers. Your circuit appears to be quite in order.

JUMBO (Otago C.): What will be the inductance of a coil to tune to 600 metres using a .00015 condenser?—725 microhenries.

B.S.D. (Whanganui): In the layout diagram of the "Advance" a.c. shortwave receiver there are slight discrepancies in the accompanying diagrams. In the layout .01 condenser between the cathodes and the screen of the r.f. stages connects to earth, whereas in the theoretical diagram it goes through the 500 ohms resistance to earth. The resistor choke does not connect back to "B+" in the layout diagram and in the lead B+ to screen detector stage a condenser connects to earth. In the layout diagram this is different.

A.: Owing to the fact that diagrams had to be drawn before experimental trials were carried out, numerous minor alterations had to be made from time to time as found by experiment, and this has apparently led to one or two small

CORRESPONDENTS must attach this coupon to all queries sent to the Technical Editor (Box 1032) Wellington. Limit three questions, unless letter is accompanied by 1/- fee.

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Number of valves

Name

Address

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Nom de plume

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Date

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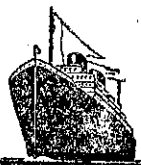
- (1) Be specific and brief, tabulating, if possible.
- (2) Write legibly, and on one side of the paper.
- (3) We do not design circuits but accept suggestions for feature articles.

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.

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discrepancies. In the theoretical diagram the extra resistance of 100,000 ohms is not shown in series with the resistor-choke. In practice the extra resistance may be reduced to 50,000. Alteration of the position of the 500 ohm resistor in the r.f. cathode has resulted in this resistor being shown in two places—a fairly obvious error. You say that the .01 condenser is earthed through the 500 ohm resistor, but examination of the diagrams will show that it is earthed to the solder-tag bolted to the chassis. The 1 mfd. by-pass condenser to r.f. screen is best earthed direct as shown in the lay-out diagram. The lay-outs

may be taken as correct, because they have been drawn from the laboratory model. New specifications for broadcast coils are given in the second edition of the "Guide" and will be reproduced next week. The r.f. coil has now 166 turns of 23 enamelled, close wound, topped from the bottom at 28 and 78 turns, with three sockets in the ebonite top. A thin flex with plug connects to the F-1 pin of base. The detector coil is 218 turns of 36 enamelled, tapped from the top at 80 and 145 turns, with three sockets at top. The highest tapping on each brings in all stations from 72L to 2BL inclusive.

2. Using a 224 in the r.f. stage is not the bias resistance 4000 ohms?

A.: Yes, we take this opportunity to point out that in the first edition of the "Guide" the bias resistor for the 224 valve was erroneously stated at 400 ohms instead of 4000.

3. Are the 100,000 ohms resistances satisfactory for the screens of the r.f. and detector valves of the 224 type?—Yes.

4. Does the 6 mega. grid leak need changing for a 224 valve?—No.

TYRO (Kaitieke): I have built the Daniell Cell charger, and it appears

to be working satisfactorily. How often should the sulphuric acid solution require renewing?

A.: Providing the cells operate satisfactorily it is only necessary to add a little sulphuric acid every month or so when the solution begins to look a little thin. Epsom salts we have found to work quite satisfactorily.

2. Does the sediment on the zinc affect the working?

A.: Not to any extent, though it is well to keep the zincs fairly clean.

3. A coating of bluestone has crystallised on the inside of the porous pot above the sulphuric acid solution. If the zinc touches it copper is formed. Should this be cleaned?

A.: Yes, it would be as well to keep deposit of this nature cleaned off. Keep the copper as it is of marketable value. To prevent this forming above the solution cover the affected parts with wax.

G. B. BOY (—): Should a graph of stations be a straight line or a curve?

A.: Generally a curve, although if S.L.F. condensers are used and dial reading plotted against frequency, a straight line will result.

2. Is the Sparrow Hawk One an all-wave set?—Yes.

3. Have particulars of the two-valve shortwave sets been published in the "R.R." or "Guide"?

A.: Yes, the Night Hawk Two is an all-wave set which can be used for short-wave only by the use of .0001 condensers for tuning and a special shortwave choke.

ANCHOR (Matamata): It seems that you are paying quite a fair price for the receiver you mention. However, if it is in good order it should be a safe

DX Notepaper

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

enough buy. Your set and speaker should be worth more than £20 to £25.

2. It is possible to add a pentode valve to the B.D., but it should be employed immediately following the detector valve without any further audio amplification. The B.D. usually employs at least two stages of audio so that a pentode may not be advisable.

3. What is a fair log for a seven-valve Radiola?

A.: We cannot state, as ever so much depends upon your locality and your aerial and earth equipment.

STATIC (Invercargill).—Is it necessary to shield the panel of the "Night Hawk Two" with aluminium?

A.: It should not be necessary to do this though if you are troubled with hand capacity it might be as well to do so.

2. The transformer you mention is suitable for the set.

W. F. (Wellington).—Would you give date for construction of a one-henry choke to pass a small current?

A.: It should be built upon 1/4 in. core with the window of about an inch x 1/2. Wind on 2000 turns of 40 or similar fine-gauge wire, and take tapings out at every 250 turns, and try each one for best results.

2. I have tried several wavetrap circuits in connection with my set, but cannot eliminate 2YA in favour of 4YA. Where could I get particulars of a filter for my set?

A.: Our wavetrap has been used quite close to 2YA, and has been effective in separating it from 4YA. However, for

Monday, February 23, 1931

THE DAILY MIRROR

Page 3

PRINCE TALKS TO THE KING

7,000 Miles Phone Call Across the World from Chile to Palace

It was only fitting that the Prince of Wales, who was furthering British trade interests in South America, was able to telephone from Santiago to the King in London by means of BRITISH-MADE APPARATUS.

The accompanying map shows how this historic call was put through, and how it was made practically entirely by means of "Standard" apparatus, all of which was manufactured in our London factories.



Standard
Telephones and Cables (Africa) Limited

24-26 BALLANCE STREET,
WELLINGTON

Short-wave News

VE9CL, Winnipeg.
SOME particulars of VE9CL, Winnipeg, which operates on 48.8 metres, were received from the owners, James Richardson and Sons, Ltd., grain merchants. The people operate four stations—CJRM, Moose Jaw, Sask. and CJRW, Fleming, Sask., both on 451 m.; CJRX, Winnipeg, Manitoba, on 25.6 m.; and VE9CL, Winnipeg, on 48.8 m. At present, transmissions from CJRX are temporarily suspended. The power of VE9CL is 2 kilowatts, the studio is at the Royal Alexandra Hotel, Winnipeg, and the transmitter is at Middlechurch, near Winnipeg. CJRX was reported in more distant countries, but VE9CL is found to be more suitable for reception in North America, as it covers this continent consistently. VE9CL broadcasts the same programmes as CJRW each day, except Monday, till 3.30 p.m. N.Z. time.

ONVA, Brussels.

ANOTHER new station has come on the air recently on 49.5 metres. This is ONVA, Brussels, Belgium. The station can be identified by the call: "Allo! Ici la station d'essai de la Societe Belge Radio Electrique."

HB9OC, Switzerland.

STATION HB9OC, Zurich, Switzerland, on 32.85 metres, can be identified by the call, "Hier Radio Zurich," preceded by two strokes on a Gong.

Programmes from Madrid.

THE National Broadcasting Company in U.S.A. are making arrangements to relay programmes from the Polish capital. Plans are also being made with EIAR in Spain to relay musical programmes every Sunday from 7 p.m. to 8.30 p.m. G.M.T. (Monday morning, 6.30 a.m. to 8 a.m., N.Z. time).

Zeesen, Germany.

MR. W. BRIDEN JONES (NZ17W) has just received the following transmitting times from the powerful German shortwave station at Zeesen, which works on 31.38 metres:—12.30 a.m. to 1.30 a.m., 3 a.m. to 6 a.m., 6.30 a.m. to 11 a.m., and occasionally till 12 noon (all N.Z. time). The aerial output is 8 kilowatts. The programmes originate from the main Berlin station, which works on 1634.9 metres.

WSXAL's 24-hour Test.

REPORTS to hand state that WSXAL came in at good volume from about 5 p.m. till near midnight. It appears that this station was heard earlier in the southern parts of New Zealand than in the north, but that reception continued

further particulars of your own set write the Technical Department of Philips lamps.

2. Is it possible to convert the radio-player to shortwave by substituting the present coils for smaller ones?

A.: It is not practicable to do so. Use shortwave adapter of approved design.

3. I find I can receive a Japanese station best by disconnecting the aerial from the set, and connecting the earth wire to the aerial terminal. Why?

A.: The wires leading to the set from the mains are acting as an aerial, and the natural wavelength appears to be that of the particular station you receive best.

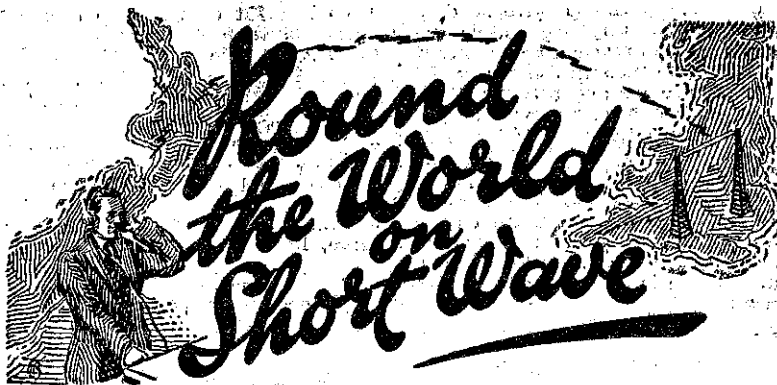
OOOL (Waipukurau).—Is my set a good one?—Yes.

2. Is it possible to fix phones to this type of set?

A.: Yet, but you could not do the job yourself, if you do not know exactly what to look for when you get "beneath the lid."

3. Can you suggest a suitable make of phones?

A.: Almost any make of first-grade phones will do such as Brandes, Siemens, etc.



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.

satisfactory till a later hour north of Wellington. Some listeners heard WSXAL commence the test at about 4.30 a.m., but Moscow and HVJ were too strong for the American.

New French Station.

A NEW and powerful shortwave station, located at Paris, has been reported by several correspondents on a wavelength just above G5SW; in fact, at first it was difficult to separate the two but the Frenchman went up a fraction. I estimate the wavelength to be about 25.7 metres. This station is on each morning just now till 9.30, closing down after the French National Anthem has been played. Volume varies slightly, but is always good, often full loudspeaker strength. A call has not yet been identified.

Reception in Bay of Plenty.

MR. CHARLES F. GEE, Otangihaku, has forwarded his log for several days, which no doubt will be of interest to readers.

Wednesday, May 20: 12RO, Rome, 25.4 metres, excellent at R9; G5SW, Chelmsford, 25.53 metres, quite good, R7-8; Paris station, good; 47-metre stations, thought to be XDA, Mexico, talk and records till 5.30 p.m., good and steady; HVJ, Vatican City, 50.26 metres, very good; Moscow, 50 metres, good volume, all talk; W2XAF, 31.48 metres, very gushy; amateurs, ZL2AB, Otaki, and ZL3AQ, Ashburton.

Thursday, May 21: 12RO, excellent at R9 all through; G5SW, R6 early, increasing to R8 later; HVJ, R9; Moscow, R9; W8XK, 25.25 metres, only R4 relaying KDKA; W2XAF, R6, unsteady and fading; OXY, Denmark, R7, good music.

Friday, May 22: 12RO, Rome, R9, always good; G5SW, R6, mushy; W8XK, R4, mushy, readability poor; OXY, R8, very good and clear; PCJ, R8, 9.30 a.m. till 1.30 p.m.

Saturday, May 23: 12RO, R9, very good again; PCJ, R8, Australian and N.Z. programme very good; VK3ME, R7, fading very severe.

Sunday, May 24: PCJ, R5; 12RO, R9, still good; OXY, R8; W3XAL, R8, not so good as a few weeks ago; W9XF, R8, not so good as a few weeks ago.

Amateurs: ZL2BY, Wanganui; ZL3GW, Greymouth; ZL2DW, Gisborne; ZL1BQ, Otahuhu; ZL1CH, Auckland; ZL2AX, Palmerston North; VK3AE, Melbourne, and VK4CJ, Queensland.

Costa Rica Station**Special Programme for New Zealand**

MR. R. LESLIE JONES has received from Amando Cespedes Marin, the operator of Station NRH, Heredia, Costa Rica, advice that he will be operating his short-wave station from June 7 to June 13 at 6.45 a.m. to 8 a.m. (his time), which will be receivable in New Zealand from 12 midnight to 1 a.m. The programme will be for the special benefit of New Zealand listeners. This station is only 7½ watts in power, and has previously been heard in New Zealand. He will operate on a special wavelength of 29.3 metres.

Short-Wave Topics

WGY Testing

ON Saturday evening, June 6, at 10.15 p.m., I was endeavouring to pick up VK3ME, Melbourne, when I came across a powerful carrier, and after a few minutes heard the following announcement:—"Good morning, everybody; this is the General Electric Station, WGY and W2XAF in Schenectady, New York. It is now 6.45 a.m. Eastern Daylight-saving Time, and we are now commencing our morning exercises." At 10.30 p.m., after fifteen minutes of exercise, the clock struck 7 a.m. Then at 10.37 p.m. the following was heard:—"Hullo, 3ME, Melbourne, this is W2XAF in Schenectady calling you." This was repeated several times. W2XAF then continued with recorded items for several minutes, when contact was made with 3ME.

The speaker in Schenectady was endeavouring to make arrangements for re-broadcasts through Bangkok, Siam. The speech was very clear, although the records were a little mushy. W2XAF was operating on 31.48 metres, and, although 3ME is scheduled on 31.55 metres, I was unable to locate him on this wave. Then at 11.10 p.m. W1XAZ at Springfield, Mass., was heard on 31.35 metres with dance numbers by the Rise and Shine Orchestra at strength R.9. Returning to W2XAF at 11.50 p.m., arrangements were heard being made between the Schenectady and Melbourne Rotary Clubs for a meeting per the medium of W2XAF and 3ME. Both stations were still on the air when I switched off at 12.5 a.m.

At 9.20 on Sunday morning I ran across a very strong station on about 25.65 metres. All announcements were in French and the station signed off at 9.35 a.m. with the "Marseillaise." This was apparently the new French short-waver FYA referred to by Mr. Sellens some weeks ago.—A.J.H. (Wellington).

A DX CLOCK

Is Essential for Short-wave Listening.

Printed on Heavy White Paper.

Posted in Cardboard Tube.

Get yours now from your dealer, book-seller, or direct from the publishers,

"RADIO RECORD"

Box 1032,

WELLINGTON.

That Wave of Disappointment!

Have you ever purchased an expensive article and a few days afterwards come across something which would have suited you infinitely better and at a much lower cost? It's disappointing, isn't it?

But in wireless matters you don't need to have that sad experience if you place yourself in the hands of Mr. Mack, of Mack's Radio Service. Mack is a recognised Short-wave expert—one whose whole existence in life is bound up in short-wave reception. For many years past he has searched for the perfect receiving set. Dozens of imported sets were tried out, adapters and converters were tested, but all were found wanting.

New Zealand as a country has its own peculiar conditions even as localities have, and to meet these extreme conditions there was only one thing for Mack to do—design the set himself.

It took four years of concentrated effort to bring to perfection the short-wave set called the "Add-a-phone." To-day the "Add-a-phone" is the highly-prized equipment of New Zealand's leaders in the short-wave world. (Names will be given upon request).

When one purchases a Model B Add-a-phone at £16/10/- from Mack, he gets also a service quite unobtainable from anyone else. He gets the assistance of the actual designer and builder of the set. He has a source of specialized knowledge to draw upon at all times. He becomes immediately one of a select company of top-notchers because of his world loggings made possible only through the perfection of his instrument.

No—there is no disappointment with an Add-a-phone.

MACK'S RADIO SERVICE

77 Kent Terrace, Wellington.

Short-wave Club

The Secretary Writes

A VERY large number of short-wavers ask for times of operation of the special slow Morse stations, which are as follows:—

ZL2BI: 11 to 11.30 a.m., Sunday, at three speeds—first, very slow copy from card; second, speed five words per minute average; and third, eight words per minute average. Also occasional 10 to 12 words per minute.

ZL2BA: Sundays, 7 to 7.30 p.m., and irregular.

Johnson's Wireless School: Fridays, 6.45 to 7.30 p.m.

The official telephony stations are:—ZL2AW, Wellington, Sundays, 10 p.m., and irregular. ZL1BC, Auckland, Mondays, 7 to 8 p.m., and irregular.

A member of the club who was called in to see why a "Night Hawk" set would not function got it going and tells me that, provided the set is built exactly to specifications, it is a very good circuit. The club would like to point out that sets must be built exactly to plan. This would save a great deal of trouble, as, although Bill or Tom says to do it this way or that, the designers of the circuit are practical men who know their business and submit only the best.

A complaint reaches me from a transmitter over reports being sent in. We have published all instructions on filling in a report, and have also given lectures over the air, so short-wave listeners who do not receive a card or a reply will know that either their report has been incomplete or that they have forgotten to enclose return postage.

Very interesting letters reach me, particularly from Messrs. Hewat-Smith, Waihou; A. Colyer, Taneatua; George E. Briggs, Moree; and F. Gee, Otangihaka. From these we get many items of interest which, owing to local interferences, we would otherwise miss.

The next Wellington lecture will be held in Messrs. Nimmos concert hall on Thursday, June 25 next, at 7.30 p.m., which will consist of a members' question night. In order to deal with the large number of queries received I would like members to write out their questions and let me have them as early as possible. This course will considerably assist the lecturers by giving them time to deal with them.

Membership is well on into the second century and considerably more inquiries are rolling in. Address me, A. B. McDonagh, secretary New Zealand Short-wave Club, 274 Cuba Street, Wellington. —Yours fraternally, Mac.

Short-wave News from America

FOLLOWING are some shortwave notes contributed by Mr. Fred Easter, 3353 Southside Av., Cincinnati, Ohio:—

"I recently received a verification and some data on the shortwave broadcasting station at Riobamba, Ecuador, which operates on 39.8 metres, from 9 to 11 p.m. E.S.T. (75th meridian time, 5 hours behind Greenwich Mean Time), on Thursdays. This station is anxious for reports and suggestions from short-wave listeners. The power used is 50 watts and the address is Fabrica de Tejidos de 'El Prado,' Apartado 98, Riobamba, Ecuador, South America. 'El Prado' is heard remarkably well here considering the power used.

"Another station heard very well here is HKF at Bogota, Colombia. This station comes in at fine strength when

conditions are good. I have no data on their power as I have not yet received a reply to my report. They change their wavelength frequently and at present are on about 39.9 metres. Another station heard very well here is X26A, at Nuevo Laredo, Mexico. This station is operating on 7300 k.c., relaying XEP on 1400 k.c. The power used by X26A is 500 watts. According to information received from them they are on the air daily and heard here from 7 p.m. until after midnight. There is some very bad interference from amateurs at times as this

station is right on the edge of the 7 megacycle band. The address of X26A and XEP is Nuevo Laredo, Tamaulipas, Mexico, Apartado, Postal 31. The announcements mention XEP only. The station is at Nuevo Laredo, Mexico, while the studio is in the Hamilton Hotel at Laredo, Texas, U.S.A.

"I have received a letter from the Societe Francaise Radio-Electrique, 79 Boulevard Hausmann, Paris (VIII), France, in which they state that the new telephony station on 18.9 metres working Saigon on 24.9 metres is FTK. This station recently replaced

FTN on 24.46 metres, which formerly worked Saigon. The telephony with Saigon is conducted between 14.00 and 15.00 G.M.T.

"Reception on the shorter wavelengths (20 metres and under) has fallen off badly now. The best period of reception on this band is from October until the following March. Then reception diminishes greatly until the summer is over. The only months of the year when the Java phones, PLE, PLF, etc., can be heard here are February, March and April. I have heard PLE during the three above months, in 1931, after an absence of 10 months. They were heard at the same time in 1930, but faded out in April. Reception of VK3ME is very good here. They are up to R9 on the speaker. Saigon, on 49 metres, has faded out now. They have never been above R5 here at any time. PCV was formerly very loud here until they installed a directional aerial. PCK comes in at excellent strength from October until April. G5SW and Rome vie with each other for volume here. At times Rome is the loudest and again G5SW has the lead in this respect. The difference in volume is caused by the difference in latitude of the two stations rather than the distance from here.

"I like to correspond with radio enthusiasts and will be pleased to exchange notes on reception with anyone who cares to write me. I would like to know what has become of KA1XR. I have not heard this station since May, 1930, when I heard them on one wavelength only, namely, 26.3 metres. I heard a station on almost exactly 30 metres, April 25th, at 11.30 G.M.T., calling Bandoeng, and the operator kept saying, 'Hello, Bandoeng, this is Sydney calling.' This is the first occasion that I have heard an Australian telephony station on that wavelength. I would like very much to get any information regarding it. I heard W2-XG testing with telephony on 26.7 metres lately."

Short-wave Club Meeting

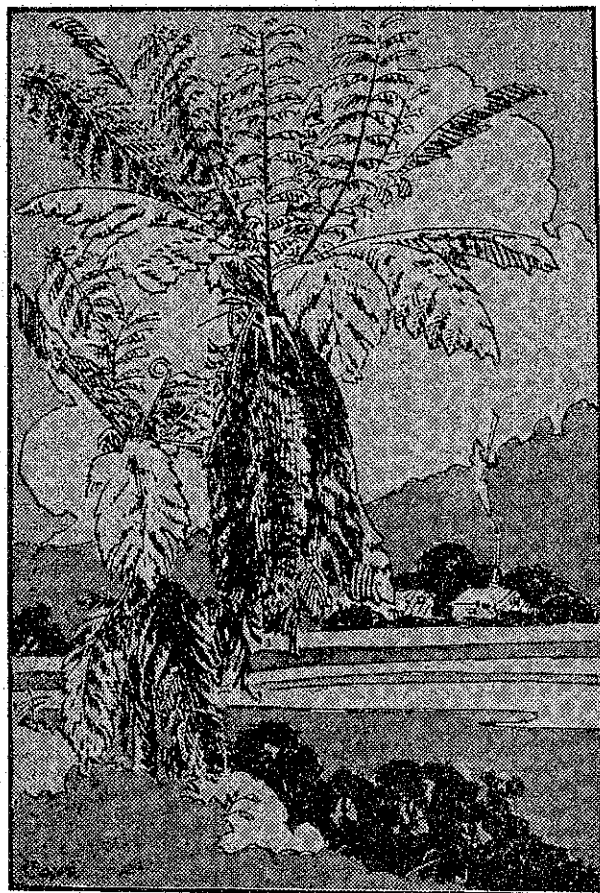
A MEETING of the Wellington members of the N.Z. Short-wave Club, held on the 28th, was well attended.

Mr. Sellens, president of the club, gave an interesting address, the text of which appeared in last week's issue.

After Mr. Sellens had concluded ZL2AW, Mr. Roy Clarke, N.Z.18W, was called upon to describe a wave-trap, and delivered a very interesting account of how a wave-trap is easily made and used in conjunction with the calibration chart shown by Mr. Sellens. Mr. Clarke further enlightened members by answering a few questions.

A hearty vote of thanks was accorded the lecturers, also stations 2AW and 2BC, and the station director of 2ZW, Mr. Strachan, for his invitation to members to look over the station.

The suggestion that next meeting be a members' question night met with unanimous approval. The idea of the meetings is to deliver instruction in simple non-technical language, all formality is purposely waived so that members and visitors will feel at home. The purpose of the club is instructional and fraternal, and an invitation is extended to visitors to attend the meetings.



*But the rain is gone by, and the day's dying out in a splendour,
There is flight as of many gold wings in the heart of the sky;*

*God's birds, it may be, who return from their ministry tender;
Flying home from the earth, like the earth-birds when darkness is nigh.*

Gold plumes and gold feathers, the wings hide the roseate faces,

*But a glimmer of roseate feet breaks the massing of gold;
There's gold hair blowing back—and a drifting of one in clear spaces,*

A little child-angel whose flight is less sure and less bold.

They are gone, they are flown, but their footprints have left the sky ruddy.

And the night's coming on with a moon in a tender green sea,

And my heart is fled home, with a flight that is certain and steady,

To her home, to her nest, to the place where her treasure shall be.

—Katherine Tynan.

A Bad Habit.

LORD DARLING, the distinguished Judge, says that the writer of an illegible signature must be a person of importance. But, that is far from always being the case, and the practice of writing personal signatures illegibly is unfortunately very prevalent. Any one can do it, so why the obvious self-satisfaction of many who claim that their scrawl is indecipherable? If what is intended for John Jones looks like a row of palings uprooted in a storm, why should the harassed recipient be assumed to be possessed of the attribute of clairvoyance? It is suggested that correspondents should avoid affectation and take the trouble to write distinctly. After all, it is only another aspect of the golden rule "Do Unto Others."

Not Too Drastic.

WE often hear people say: "I would diet if I knew what to eat." Here is a fairly comprehensive list of possibilities:

- (1) Clear and vegetable soups.
- (2) White fish, either grilled, boiled, or steamed.
- (3) Chickens, turkeys, and game.
- (4) Lean meats, beef, and mutton.
- (5) All vegetables which grow above the ground, and celery.
- (6) Raw fruits; cooked fruits if not sweetened.
- (7) Rusks, plain biscuits, gluten bread, and a little brown bread.
- (8) Eggs boiled, steamed, or scrambled.
- (9) Black coffee; tea without sugar; still mineral water; lemon juice and water, water.

The following should be avoided:—

- (1) Thick soups and stews.
- (2) Shell fish and oil fish.
- (3) Duck and goose.
- (4) Pork.
- (5) Beetroot, carrots, turnips, potatoes, dried beans.
- (6) Bananas and nuts.
- (7) White bread.
- (8) All sweet drinks; chocolate; cocoa; all alcoholic drinks.
- (9) Pastries, sweets, puddings, sugar, cream, and butter.

One rest day a week with a diet of orange juice is well recommended. A glass every two hours will stave off the pangs of hunger. Before launching into a diet, we must all take our daily occupations into consideration. People who live active lives should allow themselves more latitude. For instance, the busy woman needs that slice of bread and butter and piece of cake with her afternoon tea. But, whatever we may do, we must not rest after eating.

Economical.

THE vogue of the tunic is popular with the woman who simply must use last year's clothes. With a short length of some effectively contrasting material she can turn an old frock into an up-to-the-minute creation. Judicious addition of tabs or bands of the same material as that used for the skirt on the tunic will make for real success in renovation. Many a last year's black satin will see life afresh this season as a modish tunic with a broderie Anglaise slip underneath.

A Note of Colour.

ONE hears all sorts of disparaging remarks about the influx of imitation jewellery and trashy baubles, but fashion very wisely continues to smile on these pretty adjuncts to the toilette. The charm of colour-schemes can be



enhanced by a necklace of crystals in all shades, coral and semi-precious stones, while for sport there is steel, silver, gold, wood, and leather. In this season of ultra-feminine fashions, and with the return of lace, lingerie petticoats, fichus, and flowers, it was a sure thing that the appropriate ornaments would arrive on the scene.

Stark Truth.

IN "Life as We Have Known It," by Co-operative Working Women, is given some insight into the tremendous difficulties which are faced by working-class women. It is well worthy of thoughtful study. It is edited by Margaret Llewelyn Davies, and Virginia Woolf has written an introductory letter in which sympathy is curiously blended with detached bewilderment. The brave deeds so simply described in this book are being repeated day by day, year by year, in a thousand homes

scattered the length and breadth of Britain. These are stories by women who have had little to help them in a lifelong fight against drudgery and poverty. The struggle of a woman who works for a few pence a week from the age of ten years until marriage, who bears three or four children, keeps them and a husband on an income of less than 25/- a week, is surely as heroic as any deed that was ever praised in song or poem. It is heroic for just the reason that it has not those qualities which make it exciting enough to be sung by poets. Nothing of romance, none of the thrill of sudden, daring deeds—only a long, weary struggle against circumstance, a war that has defeat as the penalty for anything but unceasing watchfulness and constant toil. The days when little girls of ten went to work as domestic servants or in factories are happily over, but the trials of women who have

Hints for the Housewife

Your Mincing Machine.

HOW many people make full use of their mincing machine? As a rule, there are two or three cutters, which means you can mince, pulp or chop. Secondly, the machine will grate nuts or baked crusts just as well as meat. Thirdly, if you buy sausage "casings" or skins, you can make your own sausages. Home-made ones are so much better than the bought kinds.

Home-made Smelling Salts.

IT is quite easy to make smelling salts. All that is needed is some powdered sal-ammoniac and unslaked lime (equal quantities of each). Put these two ingredients into a smelling salts bottle and sprinkle over them some oil of lavender. Stopper lightly.

Novel Funnel.

IF a liquid is very objectionable such as paraffin, and there is only the gravy funnel to use when you want to pour some into a bottle, take an empty eggshell and bore a hole in the bottom.

Getting the "Newness" Off.

NEW carpets and rugs "shed" wool when they are newly in use. There is no need for alarm. This always happens for three or four weeks, consequently, for that time, they should only be gently swept with a brush—the way of the pile.

For Winter Salads.

THE following raw vegetables may be added to winter salad dishes: Shredded cabbage, grated carrot and minced onions. If mixed in with other salads in season and dressed in the ordinary way they are both appetising and good for the blood.

Loose Scissors.

THE blades of scissors which have been in use some time often become loose and make cutting difficult. This is due to the rivet wearing loose through constant friction. To tighten them make a poker red-hot and hold it on the rivet for a few minutes. This will expand the metal and tighten up the blades.

Worth Knowing.

If prunes are cut slightly before soaking they will not require to soak so long, and they will cook quickly.

To stop cabbage from boiling over, grease the inside of the saucepan at the top, about an inch down.

New brushes will last longer and the bristles will not come out if they are soaked overnight in a bucket of water.

Discoloured Glass.

STAINS inside glass flower vases or bowls ruin their decorative effect. They are often caused by hard water, in which event they may be removed by putting a little chloride of lime into each vase and adding enough water to cover the stains. Shake the vase, and then leave it standing for about ten minutes, afterwards pouring away the water and rinsing the vase in warm water. If the stains are long-standing or very stubborn repeat the process.

For Card Lovers.

MOST small tables can be quickly and temporarily converted into a card-table in the following way. Get a piece of green baize of the required size (allowing two or three inches for hemming all round), turn up the hem and then thread a piece of elastic through it. This cover can be pulled over the table whenever required.

to bring up families on incomes that represent a bare escape from starvation are still being endured. They are set down here to bring shame and admiration to the hearts of all who read.

Up In An Aeroplane.

AN English correspondent writes:—"Did you have a nice holiday?" I asked Mrs. B— when she came to char on Wednesday. Her face beamed. "I did that, ma'am. I've become a flyer." I probably looked my astonishment, for she hastened to explain. "Yer see, on Easter Monday, Mrs. Smith and I decided to go on t' excursion to Southport. When we got there, if there wasn't a chap telling another up in th' air what to do, and rare capers he cut I can tell you. 'I wouldn't mind having a bit of a fly meself,' I ses to Mrs. Smith, it seems safe enough to watch you. 'Captain Barnard is taking passengers in his famous aeroplane, the Spider,' ses a young toff to his gel just at side o' me. 'We'll ma'am, long and short of it wor' I went and paid me money, and had a rare do. It wor' real homely. Th' engine made such a din you could have shut your eyes and thought yersen in t' mill. I allus have enjoyed going up t' Tower at Blackpool, but going up in that plane beat it holler. Yes, I'm all for flying in future, ma'am. Me and Amy Johnson, both Yorkshire yer see. It must be in t' blood."

The Sport's The Thing.

THIS year will see the fifth season of women's organised cricket, and the development of the game is progressing rapidly, with the help of the Women's Cricket Association. There are some fifty women's clubs in England, to which over fifty of the largest girls' schools are affiliated. Hitherto it has been difficult for a girl to follow the game after leaving school owing to the lack of club facilities and playing grounds; but these deficiencies are gradually being made good. An all-England women's county cricket organisation is the next undertaking. There is a county women's club for Leicestershire and another is being formed for Notts.

Tribute.

NO sentimentalist, but rather an apostle of the macabre and supernatural, yet Edgar Allen Poe could sing thus tenderly:—

*In the heavens above
The angels, whispering to one another,
Can find, amid their burning terms of love,
None so devotional as that of "Mother."*

Work for Women.

THE following paragraph from an English paper is of interest:—The girl fond of outdoor life and gardening, and with capital at her disposal for the necessary three years' training, or a scholarship to a horticultural college, should find it well worth while to go in for this work. Women gardeners are experiencing little difficulty in acquiring posts, many of them responsible ones and highly paid. Some are able to start successful undertakings of their own, such as lavender growing, mushroom cultivation, and bulb farming. Of course, special advantages in soil and situation are needed for success in such enterprises. Another vocation that appeals to many girls is angora wool farming. Only six months to a year is required for training, and the student can then commence to earn money for herself. Dressmaking and cooking—which includes sweet-making—are occupations highly approved by girls to-day, and both are remunerative.

... With ... BOOK and VERSE

By "John O'Dreams"

THE name of Mr. J. C. Squire, poet, parodist and essayist, needs no panegyric. His fame is made, and the literary intelligentsia is ever ready to welcome a facet of his coruscating gift of expression. In "Sunday Mornings," a suggestive title, Mr. Squire republishes certain articles formerly acclaimed in the "Observer" by virtue of their literary quality, knowledge of the world's ways, and omniscient acquaintance with social activities. Of a catholic taste and tolerance, unbounded, Mr. Squire sets before us aspects of life as they appear to his seeing eye; youth and sport; age and achievement; beauty and zest of life; the striving and interest of the passing show. Those familiar with "Solomon Eagle's" reviews will need no urge to renew acquaintance with his delightful style and illuminating presentment. In Mr. Squire's criticism of "The Cambridge Shorter Bible" one agrees that it was lamentable judgment to exclude such a passage as "Whatsoever thy hand findeth to do, do it with thy might: for there is no work, nor device, nor knowledge, nor wisdom, in the grave whither thou goest . . . I returned and saw under the sun that the race is not to the swift nor the battle to the strong." Also heartily it is agreed that "Canst thou bind the cluster of the Pleiades" is but poor substitute for "Canst thou bind the sweet influence of the Pleiades," and that artistically it was wicked to delete "For we brought nothing into this world, and it is certain that we can carry nothing out."

In the short space at disposal it is impossible to do justice to the essays of Mr. Squire. One can only commend them for richness of thought, variety of subject and beauty of diction. His tribute to Joseph Conrad it would be difficult to overpraise. "Steadfastness, honour, courage, pity, generosity: to the old abstractions he held firm." Of Thomas Hardy he says: "His heart to the last as young as his will: no faculties decayed save the purely physical, and even those preserved beyond the normal." My own delight in these essays leads me to linger, and I commend them to anyone with a sense of the universality of life, and appreciation of the cadence and beauty of ordered expression.

INTEREST in the relation of religion to the maintenance of health and the cure of disease is on the increase, and is the subject of a book entitled "Body, Mind and Spirit," by Elwood Worcester and Samuel McComb, which is said to be the outcome of thirty years' clinical experience in the application of psychology and religion to the whole needs of man.

PRIZE POEM COMPETITION

THE prize of half a guinea in the current competition is awarded to "At Night," by "D.P.," which we have been holding for further consideration. Its haunting charm and musically phrased impression of a phase of Nature's loveliness will, we are convinced, find countless admirers.

M.W.S.: We read your picturesque poem with considerable interest, but for our purpose it is far too long, our rule being that no verses submitted for this competition shall exceed 25 lines.

"Merrie": It's a dear little poem, though not yet up to prize-winning standard, faulty rhythm being occasionally present.

Karakia: Your poem appeals greatly, and is only second in merit to the prize-winner.

"Ignorance": We like the dexterity and grace with which you treat the old and beautiful motif of your verses.

"J.Y.": Your effort at verse libre is interesting in its originality and thoughtfulness, the last lines being better than the first.

"Infelice": Audacious to a degree, but lamentably bad verse.

"Mayfly": An excellent moral is the one good point in "Trifles Light as Air."

"Francesca": Alas, not this time.

"Ulysses": A brave theme, but unnecessary bluntness of phraseology.

"Pierrot" makes his bow to the Muse with a gay heart but faulty metre.

"Word-spinner": As bad as bad can be!

"Ginger": Thoughtful and attractive.

... At Night ...

Where the clear, swift river of day flows down
Over the dim white weirs of dreams
In the vast blue gulfs of the night to drown
A garden, pale as an opal, dreams.
Here, on the rim of the twilight world,
The Wind-God walks when his wings are furled,
Walks alone with his shrill sweet pipes,
Fluting clear as a mating bird,
And magic flowers by his step are stirred,
The moonflowers shimmer in mists of pearl,
The dusk-flowers dream in a purple haze,
Like a clear, pale jewel the dawn-flower sways,
The flame-flowers quiver like golden fires,
And the night-flowers tremble their jacinth spires,
And in gusts the perfumes come and go
As the Wind-God paces to and fro;
By pools of silver the mist-flower gleams
And in and out of the darkling trees
Flit the misty moon-pale wraiths of dreams,
As here on the rim of the dreaming world
The Wind-God walks when his wings are furled.

—D.P.

"RED Like Crimson" is the rather irritating title of a good first novel, which reads uncommonly like a detailed piece of autobiography. Miss Jane Paradine, the author, has either created or remembered her people and atmosphere with a most convincing sense of life. It is the story of some children growing up in a Victorian vicarage with a young, high-spirited, brilliant mother, and quieter, more sympathetic father; the nursemaids, gardeners, butcher-boys, cooks, 'tweenies, and the rest. The home is charming; the actions of vicarage to village everything that is delightful, right and Christian. Yet the inner atmosphere is poisoned by a prudery, sentimentality and sham, against which all children, and the heroine in particular, protest. The narrative touch is admirably clear and detached, and the whole book of unusual interest.

ADMIRERS of the literary work of M. Andre Maurois, and there are many, will find much to enthral them in his latest novel, "The Weigher of Souls." Using a careful economy of words, M. Maurois tells the tale of a doctor who believes he can isolate the soul-energy which leaves the human body shortly after death, and made visible by means of an ultra-violet ray apparatus. This is the motif of the story, into which a romantic thread is interwoven, and the versatile Frenchman tells his tale so skilfully that almost he persuades one to believe in the soundness and truth of the amazing tale.

A THRILLER to be recommended is "The Death of a Spinster," by Dorothy Johnson. Old Miss Tilden is found with her throat cut, and if murdered, there are quite a number who might possibly be the criminal. Also there is an amateur sleuth who makes more than one curious discovery before unveiling the strange and unguessed truth. Nothing, perhaps, very original in all this, but the book is written with a dash and a vim that hold attention.

SPAIN, being so much in the forefront at the moment, Mr. Jan Gordon's "Beans Split in Spain" has been published at quite the right time. Much about that distressful country is here contained, its customs and beauties, its ways and its works; while incidentally there is a charmingly-told love story between an English painter and the irresistible Concha, an alluring Spanish seductress.

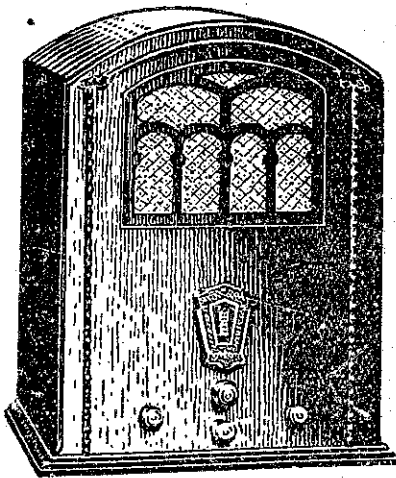
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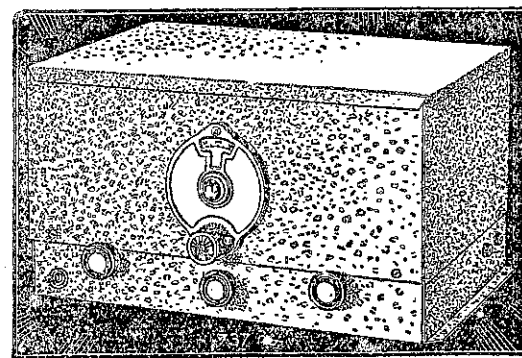
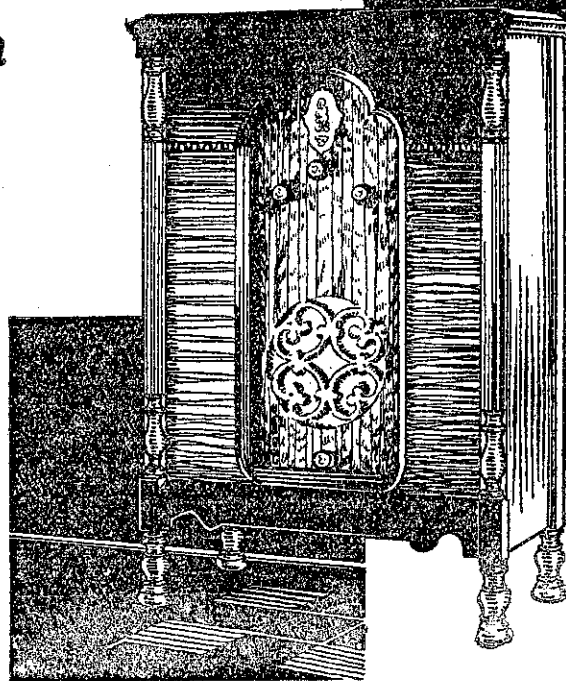
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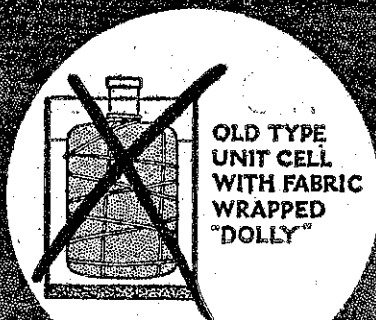
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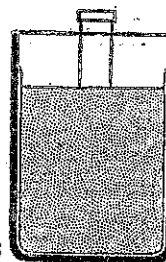
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