

# THE RADIO RECORD

Published Weekly

REGISTERED G.P.O., WELLINGTON, N.Z., AS A NEWSPAPER.

Vol. III., No. 16.

WELLINGTON, FRIDAY, NOVEMBER 1, 1929.

(Price, 3d.)

## New Orchestra for 1YA

*Excellent combination makes initial appearance at Exhibition*



As announced in last week's issue a new instrumental combination has been formed by Mr. Eric Waters and been engaged to play for 1YA. This week

we publish a photograph of the new orchestra. This orchestra made a public appearance and gave its first radio performance at the Auckland Radio Exhibition in the Town Hall last week when it created a very favourable impression. Some notes on the personnel of the orchestra will be interesting to readers.

### MISS INA BOSWORTH.

Leader Violiniste.

HAVING commenced her musical career in New Zealand, Miss Bosworth is well known to the general public. Lord and Lady Islington took an interest in her and through their advice and on the advice of prominent local and visiting musicians she went to England to study in 1913.

From then until 1924 Miss Bosworth has had a varied and interesting career. She began studies in London on the advice of Sir Thomas Beecham and Kreisler with the late John Saunders (who was leader of the London Symphony and Albert Hall Orchestras), later with Emile Sauret and Dr. Van Loen, of Leipzig. Miss Bosworth has given recitals at the

Aeolian and Wigmore Halls, London, and been solo violiniste at the Coliseum. She has played in special performance of Elgar's "Dream of Gerontius" with picked members of the Queen's Hall Orchestra

and was accompanied by the same in concertos with Charles Woodhouse, leading at the Bach Memorial Concert given for the late John Saunders. She has played

—Continued on page 31.



Reading from left to right, the personnel is:—Miss Lois Wallis, Mr. W. Shepley, Mr. Eric Waters (piano-conductor), Mr. T. Fitchett, Miss M. Wright, Miss Ina Bosworth and Mr. R. A. Jury. Absent.—Mr. J. McGregor (clarinet and saxophone player). —S. P. Andrew, photo.

# **CROSLEY**

## *The Big News in Radio*



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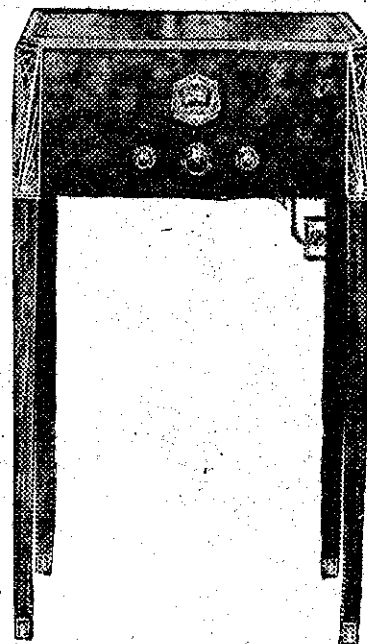
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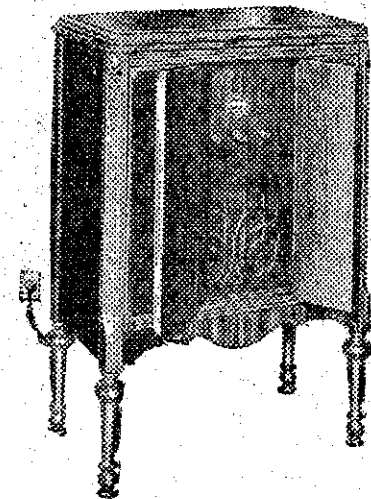
Crosley now introduces a complete new line of Radio Receivers comprising Four Models for A.C. Operation and Two Battery-operated Models. Not just one new feature. Not just one improvement. But a whole new line of superb models that establishes new standards of radio performance, beauty—and **VALUE !**

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## Trade Developments

### New Speakers and Sets

THE new Kyle condenser type loud-speaker is claimed to give more perfect reproduction over all the high and low frequencies than any other present-day speaker. As the name implies, this invention consists of two metallic plates separated by a special dielectric called Kylite, a substance named after the inventor. The unit is immersed in a bath of low-current high-voltage electrical energy. In order to provide the high voltage necessary to charge the surfaces of the speaker, a device known as a polarizer is employed. This consists of a small transformer to provide 450 volts, a blocking condenser, and a rectifying valve of the 201A type. This polarizing device, which is part of the complete speaker, makes the unit adaptable to any standard radio receiver, regardless of the type of valves used. Since the thickness of this new speaker is approximately one-eighth of an inch, its use in factory-built sets will enable the use of smaller consoles than are now required.

A NEW all-electric radio receiver of note is the eight-valve "Peerless Courier," a set embodying many present-day improvements. The most notable is the use of three stages of screened grid, which gives maximum selectivity and stability. It also incorporates single-dial tuning and push-pull amplification. "Peerless Couriers" can be obtained in various models, notable among which is model 653. This is a 46-inch high console, the front and doors of which are of matched burl walnut overlaid with burl maple. This receiver can be obtained either with a moving-coil type speaker, or with "the Kylestron," the "electrostatic" speaker of wide possibilities which has been described.

AMERICAN papers state: According to a patent decree recently handed down by the United States Patent Office, the Magnavox Company secures exclusive use of the word "Dynamic" in connection with radio loudspeakers, telephone receivers, and parts. The Magnavox Company advises that the "dynamic" trade mark has been continuously used and applied to its merchandise since 1915. The recognition of this trade-mark by the Patent Office establishes the priority of Magnavox in the dynamic field.

Apart from the notification in this issue, the Magnavox Company has officially announced its sole right to the word "Dynamic."

## Exide BATTERIES

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## An Entertainer from 2YA

### "Spot" before the Microphone

EVERY listener to the 2YA children's sessions knows "Spot." His entry to the studio, and his appearance at the microphone is always heralded by a most intelligent yapping and barking. After introducing himself in this manner to the radio world, he commences his turn, and all who have listened know how very well he performs. Adding, multiplying, and dividing, as well as reciting and singing, are the accomplishments of this unusual dog. So intelligent have been these performances that not a few have questioned the fact that this is a dog at all. Someone was

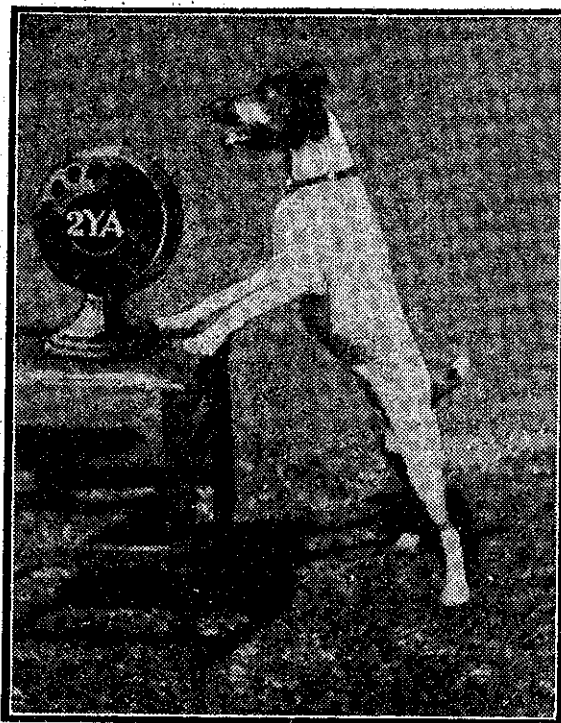
even heard to venture the remark that Aunt Gwen did the barking. However, we expect better things of Aunt Gwen for this is no mean accomplishment. None of these sceptical listeners have yet been able to explain how Aunt Gwen can snap at a biscuit and laugh at the same time. "Spot" is a real live fox terrier, and engages in all the mischief, and even the destruction (so Mr. Announcer tells us) common to all of his breed.

"Spot," now five years old, began his radio career about two years ago, when he entertained the children with Mr. Announcer, then Uncle Jasper. His debut was made in a rabbit hunt with two cousins and Uncle Jasper. One of the cousins had never seen a rabbit before, so Uncle Jasper and his three companions entered upon this novel expedition, describing as they went, the out fields which they were exploring. A burrow was discovered, and as Uncle Jasper could not reach the nest with his hand, Spot commenced excavating. With a series of yaps and howls, and the unquenchable mirth of the two cousins, Spot went on the air. Two

soft, fluffy rabbits were excavated, but not by Spot, for we suspect that had they become victims of his tender mercy their careers would rapidly have been terminated.

This novel broadcast was so much appreciated that henceforth demands were made for more broadcasts, and soon "Spot" became a familiar personality from 2YA. The popularity of the rabbit hunt has determined Mr. Announcer to again embark upon one of these exciting adventures with "Spot."

During last summer Spot and his



master went for a regular morning swim in the sea, but very obstinately Spot would stop by the water's edge and watch his master until children from a nearby school arrived for swimming. Then he would take the water. He is very fond of children, and always becomes very excited when associated with them. Quite often the little ones have endeavoured to persuade him to do his "lessons," but no "Spot" is too full of mischief and excitement. He prefers to romp and play on these occasions.

He evidently reserves the effort necessary to perform until such times as he is before the microphone. Mr. Announcer makes the proud claim that Spot can do his "three-times-three" table. On a recent evening he was asked what three times twelve were. He barked three times, stopped, and then barked six times (indicating 36). Nevertheless, we should like to hear him recite his three times table over the air. Recently, too, he sang two songs, one of which was "Twinkle, Twinkle, Little Star"; and shortly he will give two more accompanied by Aunt Gwen—at the piano.

## World's Radio Fair

### An Outstanding Event

THE sixth annual of the World's Fair was opened at Madison Square Garden, New York City, on September 23, with more than 300 manufacturers showing their goods. The exhibits displayed were estimated to be worth over 1,000,000 dollars. Officials in charge anticipated that the total attendance during the week's exhibition would reach 350,000 people.

Many of the leading New York newspapers showed the interest of the public in radio by devoting not only special editions to the show, but by actually taking booths at the exposition for the display of their radio sections or columns.

Television demonstrations were a feature of the programme, and drew large crowds. Many musical items were broadcast from a special studio. A special 18-page section of the "New York Times" Sunday edition of September 22 was devoted to the radio show and to the advances made in radio. Other newspapers gave similar prominence, so that altogether for that particular week radio dominated the newspaper world of New York City.

## Radio Cures Deafness

ONE is constantly hearing of cases of people whose sense of hearing is impaired, being able through the means of radio, to enjoy music and the sound of the human voice again. Another such instance is told in the following letter from Hawke's Bay:—

"You may be interested to know that I have a deaf uncle staying with us, who has not heard a voice for over five years. I tried him with earphones on my set, and he is very delighted to be able to hear your voice. You are the only person he has heard speak for five years. He listens in to the news session between 7 and 8 p.m. every evening, and his hearing is improving."

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# Radio's Influence for World Peace



**W**HAT it is the unknown which men fear—the distant place which is uncharted and legendary, the noise in the silence of the night which may be anything or nothing, and, on a wider plane, the man in another country whose language, customs and ideas are strange. Ignorance is invariably at the root of fear and distrust.

Behind most of the suspicion with which foreigners were formerly regarded lay a lack of the realisation that they are ordinary human beings like ourselves; their remoteness, owing to crudity of communications between one country and another, sometimes gave them an unreal quality which for some people held a terror which would readily vent itself in war.

To the Englishman, a Frenchman was not just another human being like himself, but almost a mythical sort of caricature of a human being—a name, not a reality; someone of whom every Englishman was just a little suspicious. The same was true of the German and the Italian, the Dane and the Spaniard, and so on. Until wireless came on the scene.

The one great element which was necessary to break down the barrier of mistrust which existed, through ignorance, between the ordinary people of one country and the ordinary people of another was some daily means of communication with each other. Wireless, as if by a miracle, provided that daily communication, that mutual interchange of entertainment and opinion, and that free contact of one national mind on another which may do more to assure the future peace of the world than all the schemings of the politicians and diplomats.

For wireless make the whole world kin because it brings to every man an intense realisation, perhaps for the first time, of the essential humanity of other men the world over in spite of a hundred and one superficial differences.

A very striking statement was once made by Mr. Stanley Baldwin, when Prime Minister, at an Albert Hall gathering of the League of Nations' Union. Dealing with wireless and world peace, he described very realistically how, coming down to breakfast

**A**N important benefit that the invention and subsequent adaption of radio broadcasting has conferred on mankind is its great influence in establishing a firmer understanding among the many and varied nations that compose the world of to-day. A mutually wider conception of the greatly differing outlooks of the cosmopolitan peoples of the earth would establish among them a friendship, or at least a tolerance, which would accomplish more in the direction of a world-wide peace than anything else. The accompanying article by Brigadier-General Crozier (published by "Modern Wireless") discusses fully the question of the important influence radio has in establishing universal peace. A growing desire is apparent in this country for radio to be used for dissemination of political addresses of outstanding calibre for instructional purposes.

one morning, and having to wait, he wireless; they want entertainment, and tuned in his wireless set to Berlin! there is much justice in this point of view. But in any broadcast programme there is almost always some shred of wisdom to be picked up, perhaps almost unconsciously.

## Breaking down Boundaries.

**T**HERE was a time not long since when, except to the travelled minority, Berlin was but a name learned by heart at school during a somewhat dull geography lesson, or casually mentioned now and again in the Press. People knew that men called Germans existed, but their reality and their humanity had never been forced on to the consciousness of the majority. Probably they had never heard a German voice.

To-day there must be thousands upon thousands of listeners who tune-in Berlin day after day—for whom Berlin has become, not a name, but a reality.

It is the same with Paris, Rome, and any great capital you care to mention. People are dancing to music made by men and women in these places which before they may hardly have realised as having a concrete existence. They will go on dancing to this music for twenty, fifty, a hundred years—who can tell how long? Is it remotely likely that after a century or so of such listening they will ever want to fight the people of Paris, or Rome, or any other distant place?

## Educational Broadcasting.

**O**BVIOUSLY not. And wireless is doing more than entertaining people and making them conscious of foreign people as living realities. It is educating them. There is sometimes an outcry in certain quarters against the educational side of broadcasting. People say they do not want to be educated by

bled at a moment's notice when war between two States appears to be inevitable.

There was the conflict a few years ago between Greece and Bulgaria, which was settled amicably owing to the intervention of the League. In this instance wireless played a very important part in assembling the delegates quickly.

But it is in its role of unofficial propagandist for peace that wireless will do its most useful work. Into the remotest hamlets in the loneliest places, into the homes of men and women who never during a lifetime move more than a few miles away, it is bringing a new conception of the world—as a place where men may differ externally, but where they are moved by similar needs, hopes and desires. Only time can show the quiet but steady influence which it will have on the hearts of men in setting their feet in the paths of peace.

## World Radio

**A** SPECIAL aerial system, known as the Byrd antenna, has been erected at Schenectady for communication with Commander Richard Byrd's expedition now exploring the Antarctic. The aerial is highly directional, and, although it is considered doubtful whether every transmission will penetrate the heavy atmospheres abounding in the Antarctic regions, it is expected that the expedition will receive much better signals than have hitherto been possible. The programmes of WGY are at regular intervals relayed for the especial benefit of these intrepid explorers.

**T**HE manager of a privately-owned broadcasting station in America, recently received a number of letters from the surrounding listeners complaining in no uncertain terms of the quality of his programmes. As every mail brought a more numerous and uncomplimentary assortment, he, as a final resort, decided to pirate another station's programme. So one evening he tuned in to numerous stations, and, after finally selecting the best, he promptly rebroadcast it, much to the delight of the local listeners. The real owners of the entertainment objected strongly, but apparently could do nothing, so now "bootlegged" programmes are "all the go" in America.

## Quiet but Steady Influence.

**W**IRELESS has, in fact, already proved its worth in the cause of peace, for it has been found very useful to the Secretariat of the League of Nations at Geneva, in cases of emergency if the Council has to be assembled

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## "All About All-Electric"

On Sale Next Week

WE are pleased to be able to announce that our handbook, "All About the All-Electric," will be available late this week, when readers will be able to obtain a copy from book-sellers and radio dealers. We have found it necessary to enlarge the size by another eight pages, making a total of 72 pages. There will, of course, be no alteration in the popular price of 1s. 6d.

All those who are at all interested in the all-electric set and its accessories, will find this book intensely interesting. It has been written for the amateur, and everything possible has been fully explained. The reader is told what constitutes an all-electric set, why A.C. cannot be used on a D.C. set, how to choose an A.C. set, what are the qualifications of the accessories that should go with it, and how to make sets.

On the constructional side, the book is equally strong. We present for the first time a very full description of the A.C. 4-valve Browning-Drake. This set has been constructed, and on test, brought in all the Australian stations as well as some Japanese, proving its equality if not its superiority to the original 4-valve D.C. set. This article is well illustrated with diagrams and photographs, so that the amateur should have no difficulty

in constructing it. Inter-stage shielding has been done away with, and an aluminium sub-panel is used instead. This simplifies the construction work, and assures good results.

For the man with a small purse, a crystal set and A.C. amplifier has been prepared. The construction of everything from transformer to the set itself has been made so simple that any inexperienced amateur may construct it. For those a little more experienced, and who have made their own D.C. sets, and now wish to change them to A.C., we have given very full details of how this may be done. We would not, however, advise anyone totally inexperienced to attempt to change over a D.C. factory-built receiver. For the reader of this class, we have outlined two other methods of changing over a set: the use of adapter harness and the provision of "A.B.C." eliminators.

There are several very fine articles for the non-constructing reader. These include a very full description of power valves. As every reader knows, good quality can be produced only by the use of this type of valve in the last stage, but many do not know just what valve to use, or when to use it. For them, this article has been prepared. Another long article tells of the evolution of the A.C. valve, and its use in modern receivers. This article alone, is worth the very small sum charged for the book.

For the D.X. listener we have prepared the most complete list of broadcast stations that, to our knowledge, has ever been published in New Zealand. There are 250 American stations alone. Those that have been received have been suitably marked, so that the

## Our Mail-Bag

(Continued from page 12.)

MOST amusing are the indictments hurled at the R.B.C. "Fed Up," "Disgusted," and "Con Amore," etc., are like the poor—always with us, and, of course, on the humorous side, the readers of the "Record" enjoy the jokes. This reminds one of a misled listener in Limbo trying to convince the listening earth that Tophet is not the place it used to be—it never was. Speaking generally, the programmes broadcast by YA stations are excellent, and more than one could expect from a new development that will increase by leaps and bounds in the next decade. The concerts from Wanganui are radio gems, and the relay from Hawera concert deserves special mention. 3YA excelled all her programmes with the old-time songs and dances on October 12; it made us all young again, and we were off by honeymoon train. The dinner music

listener can see at a glance whether he has received a station that has not yet been reported. A very complete list of Australian and other overseas stations will also be found useful. Both lists are complete with wavelength and frequency in kilocycles. We have not yet seen a more comprehensive list of broadcast stations in any other radio magazine with stations so designated. This will be of the greatest assistance to listeners who are using sets that are calibrated in either of these divisions.

with its appreciable tacet, and the weird voice of Mr. Drummond, like the Ghost in Hamlet—Ghost beneath (swear): "Well, said old mole, can't work in the earth so fast!" that part of programmes fills the bill, and gives a humorous touch, and one feels inclined to say, "rest, perturbed spirit." The Broadcasting Company are doing excellent work, and to improve broadcasting 80,000 listeners-in would help to give us better programmes, it takes money to pay for talent, and the latest additions of octets and orchestras should satisfy any fair-minded critic. With regard to broadcasting vagaries 1YA in the afternoon is fairly good, but the night session has been too jerky for the last twelve months; but on Sunday, October 13, the relay of Whangarei Band concert was excellent at the beginning, but faded badly towards the finish. 3YA, Christchurch, is a very consistent station. 2YA fades badly, which is no doubt due to ionisation. The most humorous item broadcast is the weather report. Mr. Drummond tells us it is a fine day in Wellington, with a northerly light breeze. In Northland the wind is S.E., and it is raining for the last 24 hours, with every prospect of a flood. The situation according to weather report is fair to fine generally, and an anti-cyclone is suspended over the Australian continent, and a cyclonic disturbance is stealing on to New Zealand in the dead waste of midnight, and it is a fine day in Wellington, with scattered showers generally. Elsewhere it is grand.—Winterless North (Auckland).

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# The New Zealand Radio Record

(Incorporating the "Canterbury Radio Journal.")

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Published Weekly. Price 3d. Subscription Post Free in advance, 10s. per annum; booked 12s. 6d.

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

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

N.Z. RADIO PUBLISHING CO., LTD.,  
P.O. Box 1032, WELLINGTON.

WELLINGTON, FRIDAY, NOVEMBER 1, 1929.

## RADIO AS PEACEMAKER.

THE influence of radio as an educational factor is becoming more marked as the years go by. Its value as an entertainment medium does not need stressing. Modern conditions and its outstanding capacity for rendering service are steadily increasing its use in the wider field bordering on public knowledge of political affairs. In the recent British General Elections broadcasting was utilised very fully in the effort to convey the views of the leaders adequate to the people. The extent to which broadcasting chains were utilised in the recent Presidential Election in the United States is still fresh in the minds of listeners. These facts, together with the object-lesson so recently effectively given in Australia of the value of broadcasting in political affairs, has brought home to New Zealand listeners the desirability of reasonable use being made of broadcasting in this field. The people most concerned are those in the country. It was not surprising, therefore, that the executive meeting of the Farmers' Union considered the question, and passed a resolution requesting the authorities to review the restrictions now imposed upon broadcasting in the direction of on suitable occasions permitting the utterances of political leaders to be broadcast. Mr. K. W. Dalrymple, who brought up the matter, stated the recent Australian Elections had afforded him the opportunity of securing a better view of Australian politics than ever before, and he sought the same opportunity for country people in relation to New Zealand. As listeners know, the regulations now governing the conduct of our broadcasting service proscribe the use of broadcasting for political purposes. But those regulations can be modified, and we are inclined to think that the trend of the times, and the growing reliance of listeners upon radio for service in entertainment, knowledge of public affairs and general education and instruction, will become so pressing that it is only a matter of time before this concession will require to be given.

THE British Labour Party now in power at Home shows a special appreciation of the value of broadcasting as a means for maintaining contact with the electorates. The Press, broadly speaking, is controlled by joint-stock companies primarily concerned with the establishment of successful businesses while still serving the public. The effect has been to make it perhaps a little more difficult for Labour to secure publicity than other parties. So sane and sound

an observer as the "Saturday Review" comments that it is natural enough for the British Labour Government to show a special appreciation of broadcasting, both in relation to explanations to listeners of major domestic problems and international affairs. Following on his recent success at The Hague, Mr. Philip Snowden, Chancellor of the Exchequer, explained to listeners the issues involved. This was appreciated.

IN the field of world peace again radio is serving an important part.

The newspapers of the world, understandingly enough, concerned mainly with the interests of their own national affairs, have been a little lacking in appreciation of the possibilities of the League of Nations as now established at Geneva. In the words of the "Saturday Review," there has been a tendency to either ignore it or treat its deliberations with amused cynicism. The consequence has been that its discussions upon matters pertaining to world peace have not received that publicity in the world Press which their importance, if the cause of peace is to be advanced, would warrant. The only counter possible has been the establishment of a special broadcasting service from Geneva. That station is now operating, and its effect certainly will be, in our view, to lift international affairs into greater prominence in all countries concerned.

ANOTHER angle to the service being rendered international peace by broadcasting is the cross service rendered by one country to the listeners of another. Thousands of English homes now listen daily and nightly to transmissions from France, Germany, Italy, Sweden, Holland, and even Spain. The reverse process also takes place. This interchange of music, thought, and national news over the air must inevitably lead to the development of a cosmopolitan understanding of one another's problems. That outcome cannot but be of benefit. Radio is definitely the most potent influence for world peace yet created.

## Radio Listeners Steadily Rise

Total now at 48,627

THE Secretary of the Post Office advises that the grand total of radio listeners as at September 30, was 48,627, this being an increase of 1300 for the month. Details of the totals are as follow:—

	Receiving.	Dealers'	Others.
Auckland .....	15,428	264	149
Canterbury .....	8,386	189	82
Otago .....	3,980	148	51
Wellington .....	19,442	409	99
	47,236	1,010	381

Grand Total: 48,627

## Christchurch Radio Olympia

To open Tuesday,  
November 12

THERE is much stir in radio circles in Christchurch at the present time, for all the leading dealers are keenly interested in the Radio Olympia, which is to open in the Choral Hall on Tuesday, November 12. The exhibition is to be held in Carnival Week, when the city is full of visitors for the races. This year, the Radio Olympia will take the place of the usual motor show, which has in previous years been a source of great

interest to visitors and townsmen alike.

The success of the Christchurch Radio Olympia is assured, for it will be the great attraction of Carnival Week. In addition to the actual displays of radio apparatus, when every known species of receiving set and other equipment will be on view, concert programmes given by the leading talent in Christchurch will be presented every evening.

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## IT'S WHAT YOU REMEMBER.

It's not what you read, but what you remember that is of benefit to you. Try to remember that if you get chapped hands, rough hands, stiff hands, or almost anything wrong with your hands, your troubles will generally cease if you rub Sydal well into them. Sydal's use would have saved these troubles.

**Club Swinging****3YA Broadcast**

WHEN Mr. Chas. Buckett, the well-known Christchurch athlete, set out to make a new world's record for endurance club swinging, the event was featured by 3YA.

Though television would offer greater opportunity for conveying to a radio station's far-flung audience an adequate impression of such a silent performance as club swinging, yet 3YA decided to cover the attempt. Progress reports were sent out, and a microphone was installed on the stage of the Caledonian Hall, where the performance was taking place. Here 3YA's sporting announcer described the proceedings at different times, and the club swinger himself also spoke. He did this after he had been in action for nearly 48 hours, "when he fain would have slept."

On the final evening 3YA's audience kept well in touch with the hall, and heard the cheers when Buckett broke his own previous record of 72 hours, and then set out on the final lap of 36 minutes to overtake the world's record. At 10.36 there was prolonged applause, and a speech was made by Mr. E. H. Marriner, the referee, announcing that the world's record set by T. W. Burrows, of Australia, had been broken. A gold medal to commemorate the occasion was presented to Mr. Buckett's mother on behalf of her son.

The club swinger then carried on till 10.45, setting a record of 72 hours 45 minutes. He declared he could have carried on for another twenty hours.

## Of Interest to Farmers

The Public Trust Office has just issued an interesting folder in connection with Advisory Trustees. It explains how farmers may take advantage of the opportunity to appoint one or more Advisory Trustees to co-operate with the Public Trustee in the administration of their estates. The various points are set out lucidly and briefly. Every farmer should make a point of obtaining one of these folders.

**ADVISORY TRUSTEES**

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G-3

**Politics Over the Air Tourists from Tasmania****Farmers Want Privilege An Interesting Address from 2YA**

A reflection of the extensive use of radio in the Australian political campaign was heard at the last meeting of the Dominion Executive of the Farmers' Union, when Mr. K. W. Dalrymple, of Bulls, brought up the question of the use of radio in New Zealand. He moved: "That application be made to the Minister of Internal Affairs that the prohibition in regard to broadcasting of political speeches be lifted in so far as they will permit the leaders of political parties in New Zealand to broadcast their speeches."

In speaking to the remit, Mr. Dalrymple mentioned that, during the recent campaign in Australia, he had heard more of the views of the political leaders in the Commonwealth than ever he had heard in New Zealand. Radio had been extensively used by all parties, and he felt that in this way a very excellent means of making contact with the people had developed. Politics were certainly of wide interest, and the people were entitled to utilise the best means of securing information on the views of those who aspired to be leaders of the country. No one was forced to listen to political speeches unless he wished to, but he considered it was only right that country residents in particular should have the opportunity of listening to political leaders, more especially as they had so few chances, in comparison with town people, of hearing the views of the different parties.

Mr. H. B. Stuckey, of Dannevirke, seconded the motion, which was unanimously adopted. It was decided to forward a copy of the resolution to the Minister of Internal Affairs.

IN view of the extensive use made of radio in the recent Australian political campaign, and the desire expressed by members of the Farmers' Union in New Zealand that the present restriction upon radio should be limited so that country people in this Dominion could enjoy the pleasure of listening to political expositions of their views by leaders of the principal parties in New Zealand, the following extract from editorial notes appearing in "The Saturday Review" will be of interest. This paragraph indicates the likely trend of public opinion towards broadcasting in Britain.

The Government have given more than one indication since they came into office that they appreciate and mean to make use of the value of broadcasting as a method of reaching the public ear. Mr. Snowden's broadcast last Monday was a notable instance; if this alliance between politics and the ether develops, not only will broadcasting assume a deeper importance in the national life but also the spoken word in politics may come into its own again.

Even more significant has been the use of wireless during the past week—it is to continue—to broadcast the proceedings of the League Assembly. The League's activities are notoriously under-represented in the Press; the B.B.C. has devised an effective way of bringing them into direct and intimate contact with every man and woman who cares to listen—a notable work for internationalism. Mr. Vernon

AN interesting address was given during the evening programme from 2YA on October 24, by Mr. Schubridge, a member of the party of Tasmanian farmers at present touring the Dominion. After he had been introduced to listeners by the announcer at 2YA, Mr. Schubridge commenced his talk by thanking the many South Island farmers, who, by their great kindness, had made the tour so far a very enjoyable one.

Climatic conditions in New Zealand, he remarked, were very similar to those experienced in Tasmania. The Dominion, he continued, is very fortunate in possessing such large expanses of flat country, which are pre-eminently suitable for dairy farming. In Tasmania dairying is restricted to small areas among the hills and mountains that compose the topography of the country.

The members of the party were very favourably impressed with the high standard of sheep breeding evidenced all through the South Island. Romney Marsh sheep appear to be favoured in the southern portion of the island, while Merinos and Leicesters are predominant in the north. At many of the various places visited purebred Clydesdale horses were paraded as at a show for the benefit of the visitors.

Dairy farming, Mr. Schubridge continued, is of course the main industry

Bartlett's description of the opening of the Assembly and the wonderfully successful transmission of the Prime Minister's speech should have done much to stimulate interest in an institution which, despite its growing importance, the popular newspapers persist in ignoring or treating with amused cynicism.

in the Dominion. Many milking herds seen during the tour were admired by the party for the high breeding shown. Numerous dairy factories were inspected, the most imposing of which could handle 13,000 gallons of milk per day. Many orchards were visited, and the tourists were surprised to notice the totally different methods of fruit-growing favoured by New Zealand orchardists.

The pastoral land, the speaker remarked, is probably New Zealand's most precious asset. It was the finest he had ever seen, and he judged that it would carry more sheep to the acre than probably any other country in the world. Keen interest was taken by the party in the New Zealand Farmers' Union, a very strong organisation, having some 26,000 members and 543 branches scattered all over New Zealand. The speaker regretted that lack of support prevented their own Agricultural Bureau from inaugurating a similar movement.

After assuring New Zealand farmers of a hearty welcome should they ever visit Tasmania, Mr. Schubridge conveyed greetings to any Tasmanian people who happened to be listening. The remaining week of the tour will be occupied by visiting places of interest in the North Island, and on November 1 the party leaves New Zealand by the Ulmaroa for Tasmania.

**A Gigantic Valve**

INSTALLED at the transmitting station at Schenectady, New York, is the biggest valve in existence. This monster weighs about 100lb., and stands well over 7 feet high. It was constructed by the General Electric Company in their experiments with wireless transmission. A ten horse-power supply is necessary to light the filament, so it will not be coming into universal use just yet.

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## "The Logic of the Ban"

### Race Meeting Broadcasts

READERS will remember that the reason given for banning descriptions of race meetings over the air was that it encouraged betting. It was pointed out in rebuttal at that time that, if the suppression of betting was what was desired, the ban should extend further to newspapers and apply to race news. This is the position that is developing in America in at least one State. The District Attorney for the District of Columbia, charged with the responsibility of suppressing gambling in that State, wrote to the newspapers of Washington and other centres asking that they cease publishing certain treasury balances and clearing-house figures, on the totals of which gambling had become the prevalent practice, and also to cease publishing the results of race meetings, more particularly those not legalised. He pointed out that he was "engaged in a desperate effort to rid the nation's capital of gambling," and asked for the co-operation of the Press to that end. He wrote further: "In my experience gained in an earnest endeavour to cope with this evil, I have come to the conclusion that the newspapers of this city, unwittingly of course, are encouraging violations of the gambling laws by printing and publishing (in some cases in quite prominent portions of their newspapers) racing entries, results, and miscellaneous information concerning horse racing, which publications are bound to encourage the residents of the district to patronise the bookmakers who are engaged in that line in the city."

Several of the newspapers agreed to comply with the request of the District Attorney, but others declined to do so. Some of the papers that declined to comply adopted the attitude that the publication of the race results and banking figures were not as damning as they were represented.

## Obituary

### Dr. Charles Chilton

THE death occurred in Christchurch last Friday of Dr. Charles Chilton. The news has been read with regret by all interested in the broadcasting service with which during the last few months Dr. Chilton has been closely associated.

Always interested in radio broadcasting, he realised its great possibilities in the dissemination of information right into the homes of the people, and when the general manager of the Broadcasting Company was formulating his scheme of Primary Productions Committees for the broadcasting of talks to farmers, Dr. Chilton accepted willingly the position of organiser, for he saw in it an opportunity for further service.

After twenty-six years a professor at Canterbury College and rector from 1921 to 1928, he had retired, but he lived strenuously even in his retirement.

As organiser of the Primary Productions Committees of the Broadcasting Company he rendered good service; and his work was only beginning. A man of standing, he was respected by all men. He had formed a committee at 3YA and it was working smoothly and efficiently, gathering momentum all the time. A fortnight ago, at the time of the opening of the new 4YA, he visited Dunedin and a representative committee was formed there. It was a successful mission, but later, after visiting friends in South Canterbury, he caught a chill while motoring home across the cold plains. Pneumonia followed, with fatal results.

New Zealand is the poorer by the death of Dr. Chilton, who held a distinguished place in the world of science, for which he did great work. He always devoted attention to the encouragement of education and scientific research. He published about 130

original papers on zoological subjects in scientific periodicals in New Zealand, Australia, England, Sweden, India, and the Philippine Islands. In recognition of his service to Canterbury College, the honour of professor emeritus was conferred on him this year.

Dr. Chilton's scholastic record is an inspiration. He attended lectures at Canterbury College as an unmatriculated student from 1875 to 1878, when he gained a Junior University scholarship. In 1880 he completed his B.A. degree with exhibition in natural science and senior scholarship in English, physics and natural science, having thus qualified for a senior scholarship in all the five subjects for the B.A.



degree. In 1881 he gained his M.A. degree with first-class honours in zoology, and in 1887, at the University of Otago, he took his B.Sc., the first in New Zealand, and in 1893 gained his D.Sc., being the first Doctor of Science in the University of New Zealand.

From 1895 to 1898, at Edinburgh University studying medicine, he took medals in botany, physiology and surgery, gained the Aitken Carlyle Scholarship and M.B., C.M. degree with honours. In 1899 he was house surgeon in the ophthalmic ward of the Royal Infirmary, Edinburgh, and during the next year he studied diseases of the eye at Heidelberg, Vienna and London. During 1901 and 1902 he acted as ophthalmic surgeon in Christchurch, and in 1902 was appointed acting-Professor of Biology during the absence on leave of Professor Dendy. In 1903 he was appointed Professor of Biology and Palaeontology at Canterbury College, teaching both subjects till 1910, and continuing as Professor of Biology till his resignation in January, 1928.

It was in 1921 that Dr. Chilton was appointed Rector of Canterbury Col-

lege, the first position of the kind in any Australian or New Zealand University College, and he held the office till January, 1928.

His other activities include acting-curators of the Canterbury Museum during 1905 and 1906, and again in 1909. He was one of the founders of the Dialectic Society of Canterbury College in 1879. He held the office of chairman of the Professorial Board several times, and represented Canterbury College on the Board of Studies and on the Senate of the University of New Zealand from 1908 to 1918.

Dr. Chilton took part in the formation of the Workers' Educational Association in Christchurch in 1915, and was president for two years. He was one of the representatives of the University of New Zealand at the Congress of Universities of the Empire in London in 1912, and received the honorary degree of LL.D. from Aberdeen University. He has been a member of the Philosophical Institute of Canterbury since 1881, and was president in 1903, 1904 and 1913. He has been a member of the Australasian Association for Advancement of Science from its formation till the present time, and took part in the Philosophical Institute's expedition to the Sub-Antarctic Islands of New Zealand in 1907, and edited the volumes of results.

## The Auckland Radio Exhibition

### "Radio Record" Stand

FEATURING largely on our stand will be our new publication, "All About the All-Electric," and with its very attractive cover, this book should make a very bright and artistic effect. It has been stated in another portion of this issue that very complete details have been given in this handbook for converting a set from D.C. to A.C. To further help constructors, the technical editor will convert a set during the Exhibition on the lines laid down by the booklet. He will be only too pleased to explain any points as he goes along. These demonstrations will take place during each afternoon, probably at about 3 o'clock.

The familiar models described in the handbook will also be on exhibition. These will include the 4-valve A.C. Browning-Drake, and the power amplifier. A home-made dynamic cone speaker, which was described by "Pen-tode" about twelve months ago, will also be on exhibition. In all probability, demonstrations will be given.

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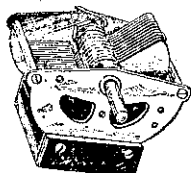
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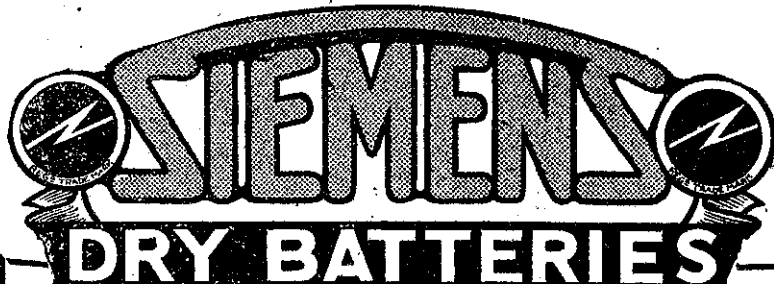
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## News from Across the Tasman

## Views of the New 4YA

## Wellington 50 Club

### Bright Week-end Concert at 2YA

AN interesting limerick competition for children is being conducted at present by station 2BL, Sydney. The first line of a limerick is given, and it has to be completed by adding four more lines. Eight prizes are offered, and the first prize, a free aeroplane ride over Sydney, will surely attract the attention of every child in Australia.

MR. JOHN HADDOCK, whose father is very well known in English theatrical circles, will entertain listeners to 2BL on Thursday, October 31, with a variety of stories and reminiscences.

Although only twenty-one years of age, Mr. Haddock has in turn been a motion-picture actor, a sheepfarmer, and a stage actor. He played the leading role in a motion picture called "Carbine's Heritage," a story of the famous horse of that name.

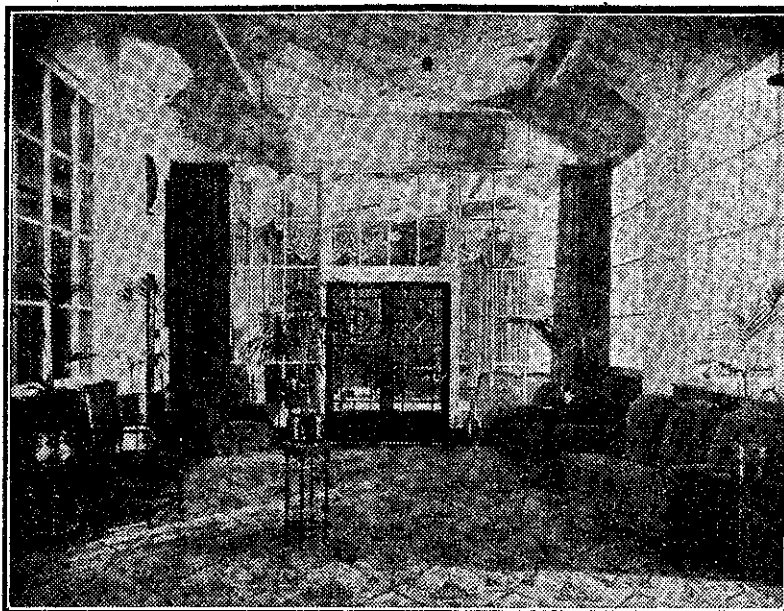
THE fate of Dr. Leichardt and his party, who set out from Moreton Bay in 1847 on a two years' exploring expedition, will be one of the features dealt with in Mr. Price Conigrave's talk on "Australian Explorers" from 2BL on October 30.

ON November 3 listeners will be introduced to Horace Sheldon, the noted English conductor-composer who is now conductor of the Capitol Theatre Orchestra in Sydney. Mr. Sheldon will direct his Capitoliens in popular classics, and listeners should endeavour not to miss this broadcast.

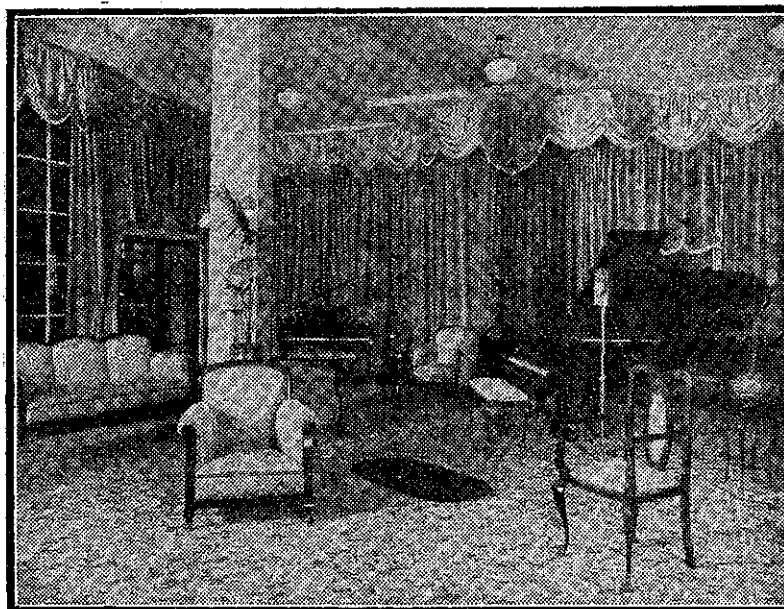
MISS ENID HYNES, a brilliant pianist who has already given two successful recitals in Sydney, will broadcast with Madame Emily Marks on October 31 a group of Schumann numbers. These musicians are a noteworthy combination and should surpass themselves in the numbers arranged.

### Trawler Radio

ENGLISH trawlers are now being fitted with wireless telephone apparatus to enable them to keep in touch with each other and with their shore station. A special wireless operator will be carried by each boat, and all announcing will be performed by the skipper. It is probable that much unofficial denouncing will be done, too! Just imagine overhearing the Winkles skipper politely informing the Sea Horse what will happen if he runs across his forcibly described bows again!



A view of 4YA's main lounge, showing the extensive plate-glass windows, which are a distinctive feature of New Zealand's youngest A Class Broadcasting Stations.



A view of one of 4YA's new studios. The luxurious and well-appointed furnishings in this studio enable it to claim equality with any other in New Zealand.

THE programme for the evening session on Saturday, November 9, 1929, is being provided by the Wellington 50 Club.

Although this club is well-known locally by reason of the very successful social functions which they hold, perhaps a few words regarding it will be interesting to our readers.

The 50 Club was formed in August, 1923, the idea of it being originally suggested by half a dozen or so well-known Wellington citizens, amongst whom should be mentioned Mr. Harry Cummings, conductor of the Wellington Working Men's Club Orchestra, and the late Mr. H. J. (Dick) Hunter.

The club gains its name from the fact that its membership is restricted to 50 male members, and the two dominating factors in the success of the club since its inception have been the good-fellowship prevalent at all their functions, and the unbreakable rule that strict order be given, and respect paid, to every artist who volunteers his services, whether they be good, bad, or indifferent.

### An Explanation

ON the occasion of the special radio night given 2YA listeners by the Wellington Savage Club the name of Mr. Harrison Cook appeared on the programme. Unfortunately, owing to another engagement preventing his attendance, Mr. Cook was not able to fulfil his programme engagement, his place being filled by Mr. James Cooke.

### A Unique Broadcast

RECENTLY a small fire accidentally broke out at the broadcasting studio in Berlin, and firemen were summoned to prevent the conflagration from spreading. The announcer, who may have been an opportunist, but who was, more than likely, too scared to think of the normally all-important, microphone, did not switch off; and so the noise of the fire was broadcast. Later an account of the incident was given to listeners, who would probably have been wondering if they had suddenly been switched on to a Chinese concert, Purgatory, or a new kind of children's hour.

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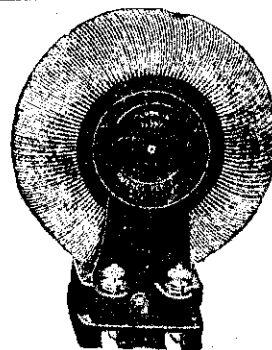
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## Identification Wanted

ON October 21 I tuned in during the afternoon to a station where someone was speaking very loudly in a foreign language. At one time I would receive the transmission at 60 on the dial, and at others, with intermediate periods of silence, I would receive them perhaps on 70 or 75. On one frequency there was a decided buzz closely resembling the distant hum of an aeroplane. In between the stranger's conversation, Morse on varied frequencies could be heard. The chief offender was the Awarua wireless station. On two occasions, just as the speaker finished, we could hear band music, but this only continued for one or two minutes before being shut off. Once we heard the stranger call "Hullo, hullo, New Zealand!" The transmission finished at about ten to five. We heard the same station on the 20th at about 4.30 p.m., but reception was not as good. I would very much like to know what station this is. Reception was as powerful as Wellington is on the best of nights. I have a five-valve commercially-built set, and can receive practically all New Zealand and Australian stations. —Miss Christina Dryden (Southland).

ON October 20, at 3 p.m., I received a short-wave station on my factory-built receiver, using a 14-turn and a 28-turn coil. I could not identify the call, and cannot give frequency. The station came in at 55 degrees on the dial; about three degrees below Brisbane, which is 58 degrees on the B.C. band. The call sounded like Allah-Allah.—F.B.P. (Gisborne).

ON Sunday, October 20, at approximately 12.15 p.m., I picked up a station on about 275 metres (1090 k.c.). The frequency, however, kept varying slightly. The transmission, which was very bad, was not quite loud enough for a local, but seemed too loud for a distant station. The announcer, after saying "hello" about a dozen times, seemed to be carrying on a conversa-

tion with someone. He said: "How are you getting it?—What! Got whiskers on it?" and so on. After this a talk about wireless was broadcast. No call-sign was heard.—"Steinitz" (Dunedin).

ON October 20, about 7.40 p.m., I heard an American station just above 2YA, Wellington. I heard singing, and heard the announcer speak, but I could not distinguish the call-sign. The station may be WLW, Cincinnati.—"New Chum" (Morrinsville).

ON October 20, at 8 p.m., I heard a foreign station, frequency between that of 2YA and 6WF, Perth. It sounded like a Japanese station, and it was very loud, but the transmission went on and off as if the set had been switched on and off. It might be the Norwegian whaler, the Kosmos, which was in Wellington recently.—T. M. McKinnon (Kurov).

STATION heard last night (October 16 about 9 o'clock. Wavelength about 200 metres (1500 k.c.). Items received: War songs, orchestral; 'cello, "Largo"; "Sweetheart of All My Dreams," "I Lift Up My Finger," "L'es-tudiantina," "Policeman's Holiday." (Closed down 10.5 p.m. (New Zealand time). When signing off I managed to hear: "Station —, operated by —, Transmitting from — music house, — New Zealand. Now closing down until 6.30 p.m. next Sunday."—K. A. Dixon (Wellington).

ON a crystal set I hear Sunday nights, after 2YA closes down, a station just above 2YA's frequency. It is not

# THE D.X. CLUB

## Views and News.

loud enough for me to understand what the announcer says. Up to now I have not heard any music from the station. Could any listener inform me what this station is?—Crystal (Lower Hutt).

TS there a station in Siberia broadcasting on about the same frequency as WENR, Chicago? This evening, about 7 o'clock, on tuning in on Chicago, I heard, very clearly, the word "Siberia." Then first a man then a man and a woman speaking, with dance music in the background. Soon the speakers were silent and after a minute or two, the music also ceased, the words, "WENR, Chicago, Illinois, being heard—static very bad.—"New Chum" (Morrinsville). The nearest Soviet station is RA64, Petropavlovsk, 350 metres (850, K.C.).

## Stations Identified

IN response to many queries concerning station 3EX, Melbourne, a correspondent has sent in full particulars taken from his recently-received verification card. Particulars, however, of this station were published in the "DX Columns" recently.

IN reply to a correspondent's query concerning the times of operation of 4ZM, I submit below a list of New Zealand "B" class stations (4th district), together with their times of operation:—

4ZB, Thursday evenings, 8-10.30 p.m.  
4ZL, Monday evenings, 8-11 p.m.; also 1-2 p.m. daily.  
4ZM, every morning (including Sunday), 10-11.45 a.m.; also Tuesday evening, 8-10.30 p.m.  
4ZO, daily 12 noon-1 p.m.; also 5-6 p.m.

—C. MacFarlane (Dunedin).

## DX Topics

SHORT-WAVE enthusiasts will be interested in four new stations picked up by me during the week. They are as follow: October 10, station testing on 20 metres (approx.) at 11.30 a.m. Gave call-sign as Bombay, India. October 15, at 6.50 p.m., station on 25 metres, after transmitting music, calls California. Call sign, K10. Beam station, interferes with reception. October 17, station, on 32 metres. Calls London. Lady speaking at 6 p.m. Ontario was mentioned. Probably is CF., Drummondville, Quebec, Canada. WENR and W9XF have been broadcasting all this week ("Voice of Service," Chicago). This comes in at good speaker strength at 6 p.m. Transmitting on 345 metres (870 k.c.) and 49.90 metres (6040 k.c.).—S. Saunders (Wellington).

Some time ago I reported hearing two stations on 208 metres (1480 k.c.), WHT and WSOA. I wrote to WHT and have recently received verification. I have logged six more sta-

tions during the last few weeks: 6WF, Perth, 435 metres (690 k.c.); WJL, Michigan, 400 metres (750 k.c.); WBBM, Chicago, 390 metres (770 k.c.); WCCO, Minnesota, 370 metres (810 k.c.); WGN, Chicago, 416 metres (720 k.c.); KGBZ, Nebraska, 322 metres (930 k.c.). The following is an extract from the letter from WSOA. "Radio station WHT came on the air on February 12, operating on 203 metres (1480 k.c.) They had two periods of broadcasts, the first from 6 to 7 o'clock in the evening, and the other from 10 in the evening to one or two the next morning. Some time later in February the call letters of the station were changed to WSOA. The station has operated on this latter call since that time. I am taking the liberty of sending you an ekko stamp, the official stamp for confirming receipt of a station. The price of each stamp is 10 cents. We would appreciate hearing from you again, and then you may enclose the equivalent of twenty cents in our money. Thanking you very much for your report, which is really remarkable in many ways, and with best wishes, etc.—J. P. Holmes. As WHT and WSOA are the same station, I am not able to count them as two when totalling up.

Regarding the Japs, the card I received from JOAK showed that the seven stations with the exception of JOIK (Sapparo) are all joined by land line, so it is not possible that when when the station which is broadcasting the programme gives the call sign it will also be broadcast by the other stations? The company have also studios in Kyoto and Fukuoka connected to the chain.—Kauspanker (Hawke's Bay).

IN the short-wave notes in this week's "Record" I see where Mr. Stanton, of Christchurch logged ten countries on October 10: I thought perhaps you might be interested to know on that same day I logged twelve different countries, as follow: Germany, Holland, England, U.S.A., Siberia, Java, Siam, South Africa, Philippine Islands, Suva, Australia and New Zealand. I generally average eight different countries each day now that TLO, Nairobi, is again on the air.—Another Short-Wave Fan (Auckland).

IN reply to a correspondent last week the hours of 4ZM were given. Since then they have been altered. This station is operated on 277.8 metres (1080 kilocycles), by Chas. Begg & Co., Ltd., 21- Prince Street, Dunedin, and transmission hours are as follows: Daily, 10 a.m. to 11.45 a.m. Tuesday, 8 p.m. to 11 p.m. Sunday, 3 p.m. to 5 p.m., and 8 p.m. to 10 p.m. This information was given in a letter dated October 11, 1929, and received from Chas. Begg and Co. in reply to a report on transmission which I sent in.—W.B.T. (Petone).

THE following letter was received from Mr. F. G. MacSherry, of Auckland. He also enclosed two letters he had received from two American stations in confirmation of his reception of them:—

"In your issue of October 11 you refer to my letter in the DX column, in which I gave the power of KGER (100 watts) and WLW (50,000 watts). The logging of these two stations was mentioned, not as something recently achieved, but as an interesting sidelight on DX reception, the two stations coming in at equal strength, although

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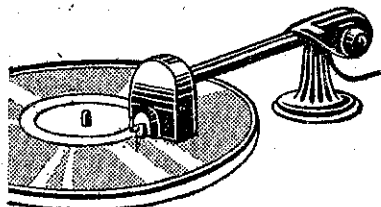
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using vastly differing power. KGER and WLW were both logged on February 6, and I then wrote for confirmation of my reception. The two letters attached will show with what result. You will see that as far back as that WLW was employing 50kw. My idea at the time was that logging KGER was pretty good reception, and I believed myself to be one of the first in New Zealand to get WLW.

Re the Japs. I think you are correct about JOHK rebroadcasting JOAK, as I have often heard both stations on the same item, and then JOAK announced from JOHK. By the way, JOHK used to have a lady announcer, but I have not heard her for some months. Have you noticed that some of their broadcasts are really worth listening to? It is interesting to note that last Wednesday, five Jap. stations, JOAK, FK, GK, HK, and BK, were all sending out orchestral selections at the same time, or within five minutes.

The following letter is from Miss Bertha Brewster, programme director of station KGER:—

"In answer to your letter of February 9, we want to tell you how much we appreciate your writing us, and we are glad to say that your reception is correct. We are using only 100-watt power, but have the best of equipment and receive reception letters from all over the States, Canada, Alaska, and New Zealand; however, not often from your distance; so we are much delighted when we can add another blue-headed pin to New Zealand on our map of reception points. Enclosed you will find a picture of our station orchestra, and we hope you will tune in often and let us hear from you again."

MY set is a two-valve short-wave one, detector and stage of audio, and though I have only had it two months I have logged 28 stations, including G5SW, 7LO, PCJ, KZRN, PLF, W2XAC and GBX. I have not until recently bothered to get confirmation, and I have only four confirmed, but expect twelve more soon. My aerial is 50ft. high and runs from S.W. to N.E. The following may be of interest. On Sunday, October 13, at 5.30 p.m., I picked up a station on about 49 metres. This was W9XF (W9XF), Greatlake, Chicago, 6020 kilocycles (49.83 metres). Items played were "When Day is Done," "Nellie Blye," "No, No, Nanette," "I Miss You" (song), "Till We Meet"; strength was R7-S. On Tuesday, October 15, I picked up W9XF again, when it was stated that President Hoover was going to visit Chicago and that his speech would then be broadcast. To-night at 6.30 p.m. W9XF was R8 and was still on at 8 p.m.—H. F. Adcock (Palmerston North).

THE following letter is from Mr. Robert E. Burdette, assistant-programme director of stations WLW and WSAI:—

"I cannot express to you just how much of a thrill I got from your letter dated February 9, that was placed on my desk this morning. I can imagine it was somewhat akin to the thrill you received when you first tuned in on an American station. We do have a top-of-the-morning programme that starts at 6.30 a.m. Eastern Standard Time, and from the report of reception in your letter there is no doubt but what you heard our programme on that date. This is the first programme that

we broadcast during the day, and we are on the air continuously until 1.30 the next morning, with the exception of a forty-five minutes' break from 2.30 to 3.15 in the afternoon. This makes a total of approximately 116 hours of broadcasting per week, and that gives you a real mark to shoot at.

"WLW is a 50,000-watt station operating on a frequency of 700 kilocycles, and we have had proof of reception as far north as Anchorage, Alaska, where we are heard nightly. As a matter of fact, I just answered a letter a few days ago which had reported on a programme similar to the one you heard. It might be possible for us to broadcast a programme especially for listeners in New Zealand. I take it that you are a representative listener of that far-away country, of which we here in America have such a vague idea, and perhaps you might give me some idea of the type of programme that would be of most interest to listeners there."

IN the DX Club's news of October 4 Mr. F. G. MacSherry, of Auckland, mentioned that 1YA now operates on 338 metres (888 k.c.). 1YA is listed as having a wavelength of 333 metres (900 k.c.), and I have not been aware of any change. It also appears to him that there has been some mistake about my reception of KZGA on 332.1 metres (905 k.c.). I have heard him many times since, and he always gives his wavelength as 332.1 metres. One mistake I made in my report was that I mentioned that there was only a difference of one kilocycle between their frequencies. This should have read 1 metre.

With regard to low-power stations, I would like to say that KGER, California, has been received when working on a power of 100 watts. I have recently received a verification card from WLW, Cincinnati, Ohio, which states: Operating station WLW, power 50,000 watts; operating station WSAI, power 5000 watts. I was very interested to read that Mr. W. McIntosh, of Wellington, has received a short-wave station on as low a wavelength as 10 metres. This achievement is certainly something out of the ordinary, and because of this I think Mr. McIntosh might have given the call letters and location to help other enthusiasts in their searching.

W2XE, short-wave station of WABC, Atlantic City, has been heard many times of late, working every day of the week. He usually signs off at 5.30 p.m., New Zealand time. Another station, W9XF, Chicago, has been heard operating on 49.8 metres (6020 k.c.), and comes in at good volume at times. The announcer gives the call as W9XF, short-wave international relay station of WENR, Chicago, Illinois, and the station slogan is "The voice of the service." This station seems to be testing at almost any time. It has been heard at 3.30 p.m., continuing until 5 p.m., and also at 6 p.m. and 11 p.m. This station seems to be in its experimental stages, as occasionally it ceases transmitting in the middle of a musical item.—A. P. Morrison (Wellington).

### Logging a Station

WE recently devoted an article on the definition of the DX Club. Apropos of this, a correspondent

writes asking the following questions:

1. Would one need to have a card from the various YA stations in order to verify them?

A.: No, verification cards are not necessary for such stations as these. It is only in the case of the more distant stations where there is an element of doubt. Even the main Australian stations, which can be relied upon to come in at good strength, need not be verified. Verifications, however, are required from the smaller New Zealand stations, the small Australians, Japanese, and American stations.

2. How could one verify by card the foreign stations, especially those of Japan. One can be hardly expected to identify the items from these stations.

A.: We would suggest that you listen in, and note down the type of item

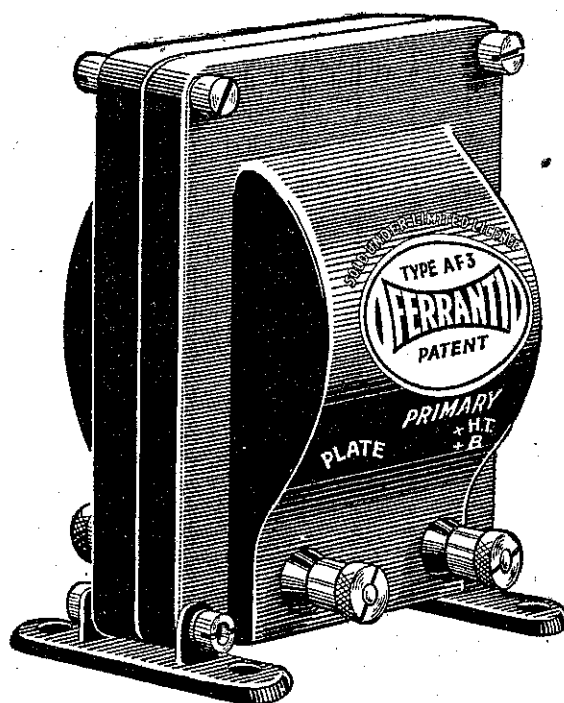
coming over, e.g., vocal solo, instrumental, choral, etc. Note particularly the time, and convert this to Greenwich mean time. This is easily accomplished by our DX clock.

### Battery Hints

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Will correspondents please practice brevity, as heavy demands are now made on space. All letters must be signed and address given as proof of genuineness; noms de plume for publication are permitted. Address correspondence Editor, "Radio Record," P.O. Box 1032, Wellington.

### Very Disgusted.

I AM among many listeners who listen to the afternoon session from 1YA, Auckland, and get disgusted with the programmes put over the air, as I am no lover of opera songs, of which I cannot hear the words, and I am sure many listeners like myself would like a few comics, which we seldom hear.—Disgusted (Auckland).

this apparatus.

### Hours of Children's Sessions.

WHILE expressing keen appreciation of the excellent service given to listeners by the Radio Broadcasting Company, and of the recent improvements to 4YA, I feel constrained to voice a general dissatisfaction felt here at the alteration in the hours of the children's sessions. A great many adult, especially parents, find pleasure in these sessions, but are now debarred from listening in. I would suggest that the children's sessions run from 5.30 to 6.30. That would give some opportunity to parents, who arrive home about 6 p.m. At the same time it would leave half an hour for dinner music. This would be quite sufficient provided the programme ran straight on and those annoying "tacet" were dispensed with.—"Hopeful" (Dunedin).

### Well Out of the Caves.

"LUX CUM AMORE" has admitted he is antiquated and modest (?), yet claims he is not self-satisfied. This trait is evident in all his letters. He claims I am not long out of the caves. I am afraid even the wonders of Creation would not humble his self-exalted opinion. He evades the question of his educating the R.B.C. and the listening public. There is nothing in any of his letters helpful to either—no improvement of the policy, management, arrangement of programmes, the engagement of artists and other matters too numerous to mention. No; like many another, he listens and at once finds fault if his fastidious taste is not catered for. It is a pleasing change to read letters like that of "Well Satisfied" (Gisborne). The opening of 4YA's new station is another step in the right direction.—"Kia Ora" (Waitomo Caves).

### Sunday Morning Session.

ALLOW me to congratulate the R.B.C. on the service. It can be easily seen that they are catering for all to the best of their ability. There is only one thing I ask and that is the introduction of a Sunday morning session. Timaru listeners all speak

well of last year's Sunday morning session for the All Black results. It is the time that all are home, and a little music would be much appreciated. Last night's relay from Palmerston North was a great success from 2YA, except that 2YA fades so badly down here. 3YA is Timaru's best station. It is A1, day or night, always the same.—G. E. Tregenza (Timaru).

### Silent Day.

MAY I express appreciation of the many interesting items broadcast by 2YA? Rarely a week passes without something special to look forward to. The relays from Hastings, Wanganui, and Hawera were splendid and thoroughly enjoyed, reception in each case being clear and crisp.

Our only complaint is that there is a silent day, and we are glad when the station is on the air again. Sometimes we get 1YA and 3YA very well, but oftentimes with static and fading we do not get the same amount of pleasure as from 2YA. It is so dependable and we rarely have static to spoil the programme.—"Ngalo" (Mania).

### Analysis of Licenses.

I NOTE in your issue of October 18 that the number of radio licenses is now approaching 50,000, and wonder whether you can without difficulty advise the respective numbers of licenses for crystal sets and for valve sets, and their approximate location. Such information would be useful in various ways. It was suggested, for example, that Station 2YB, New Plymouth, would be of great benefit to the many who would purchase crystal sets. As a resident of the district I have given the North Taranaki Radio Society some small support, but I wonder how many persons in New Plymouth have purchased such sets since the station opened and how many have paid license fees. The information would also assist listeners in deciding whether the time was yet ripe to ask that the Sunday non-religious programmes be extended either by the stations alternatively having the church service in the morning or by the afternoon session being extended, or by one of the children's programmes being given each Sunday at some time before 6 p.m. that a musical programme might be given before the church service. Sunday is the day when most visiting is done, and at present the visitors have mostly to be informed that it is an off day for radio unless they stay until after 8.15 or 8.30 p.m. North Taranaki.

[Such an analysis of figures as desired is not available.—Ed.]



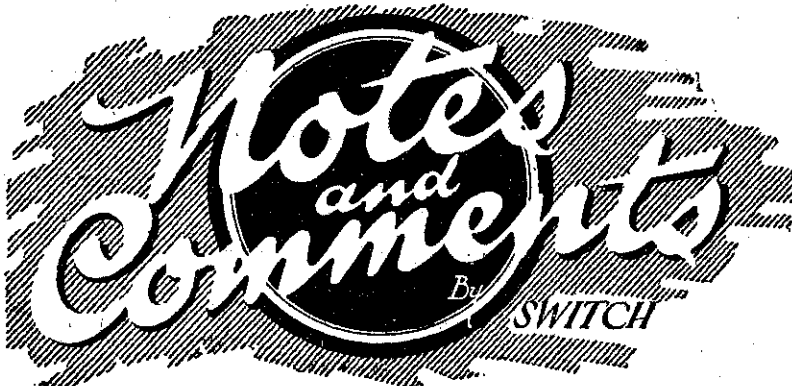
A PETONE listener has sent along a query as to whether he can convert his present battery set into an A.C. set without changing his valves. This inquirer should get a copy of "All About the All-Electric," coming out this week. (1s. 6d.)

"SWITCH" had occasion to talk on the telephone to a friend in Evans Bay recently, and heard music while he was speaking. The friend explained that the telephone line passed near the transmitting station of 2YA, Wellington, and picked up the broadcasting. Other telephone subscribers in that vicinity reported similar experiences.

TREES and buildings in themselves form aerials, and absorb a great amount of energy from the ether. They take a fair amount away from an aerial. It is not bad practice, however, to use a tree for the support of an aerial—providing the aerial wire ends at least 25 feet, and preferably 40 or 50 feet, from the tree. When this method of support is used, it is better to have the aerial above the tree, and to effect this a pole must be lashed to a branch. A difficulty often encountered when using a tree to support the aerial is that the wire breaks, caused by the swaying of the tree. This can be overcome by fastening a smooth-running pulley to the pole, and passing a rope—preferably a steel rope—through it, with a heavy weight, such as a window sash, attached to the end. When the tree sways, the weight will move up and down, keeping the aerial taut, and at a fixed distance from the ground.

A RADIO message (says the New York "Times") flashed out from the Crystal Studio at the Radio World's Fair in Madison Square Garden on the night of September 25 to carry word to Malcolm P. Hanson, chief radio engineer of Commander Byrd's South Polar Expedition, 11,000 miles away, that for distinguished service he had received this year's medal of the Veteran Wireless Operators' Association. A few minutes later a reply was received from Mr. Hanson, saying he had received the dots and dashes notifying him of the award. The ceremony was carried over wires to a short-wave station at Schnectady, N.Y., whence it was broadcast over two WGY short wave transmitters to station WFA at Little America, Antarctica, where Hanson and his comrades were listening. The reply from Hanson was received at the Rocky Point (L.I.) short wave radio depot of the Radio Corporation of America, and relayed over wires to the Crystal Studio. Many guests at the radio show were at the studio to hear the ceremony.

A GOOD broadcast studio story is told of the days in New Zealand before the material to be put on the air by lecturers was first checked over by the station director. A lecturer with a hobby which he desired to foist on the public took his place before the microphone, and like the brook he wanted to flow on for ever. The microphone was quietly switched off, and the pre-arranged concert items were put on the air from another room. At the end of an hour the enthusiastic lecturer was still "thrashing" the microphone, and when he said "good night" no one broke the news to him that he had been talking to a "dead" microphone for forty-five minutes!



A NEW SOUTH WALES listener reports that the Russian short-wave station, RFM now gives his call at RA97, and can be heard almost any night from about 8 o'clock (10 p.m. New Zealand time) at loudspeaker strength, but static is often bad. Anyone wishing to hear the news, which is read by a woman in English, should listen from 8.15 (10.15 p.m. New Zealand time) to about 9.15 (11.15 p.m. New Zealand time), when it is usually read. Sometimes transmission commences later.

SEVERAL inquiries have been received by "Switch" regarding a New Zealand broadcast station which comes in on a wavelength previously unused. The station is 2ZM, Gisborne, which has wandered somewhat from place to place on the tuning dials. The Gisborne station comes in with great volume on multivalve sets operated in Wellington, and there is not the least difficulty in distinguishing the station's call. The inquiries as to the station's identity, however, have come from owners of one or two-valve sets.

SHARE dealing will shortly be conducted at sea on the leading Atlantic liners by means of wireless, according to a recent decision of the Wall Street Stock Exchange to allow two of the principal brokerage houses to establish offices on ships. "A radio circuit" with a special wavelength will probably be employed, and it is understood that the first vessels to be equipped will be the United States liner "Leviathan," and the Cunarders "Berengaria," "Mauretania" and "Aquitania," and the French liners "Ile de France," "Paris," and "France."

THIS would appear to be the season for suggestions. The popularity of the new 4YA, Dunedin, among Wellington listeners has brought forward a proposal that the wave-length of the Dunedin station should be lengthened so that it could be heard in the capital city when 2YA, Wellington, is on the air. At present hundreds of Wellington listeners are unable to tune through 2YA to get 4YA. A prominent member of the Wellington Society suggests that 4YA, if adjusted to a wave-length of 500 metres, would clear 2YA comfortably. 7ZL, Hobart, is on 516 metres, but, he comments, "Who wants to hear 7ZL?"

A MELBOURNE listener built a crystal set for the landlady of the boarding house in which he resided. She took out a license in her own name. The listener then obtained a three-valve set for himself, but failed to take out a license in his name. He was

background. Imagine six broadcast stations around Sydney, all on the air simultaneously. Here is a list of the Sydney stations with their wave-lengths and frequencies:—

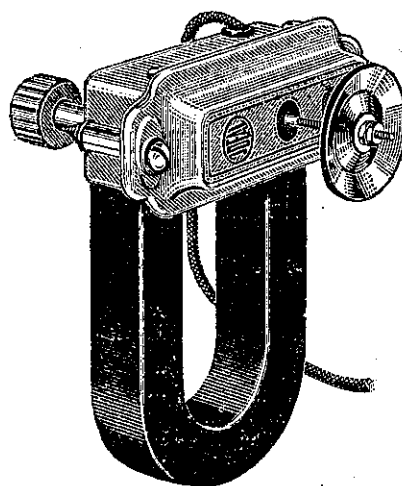
2UW ..	267 metres	1125 kilocycles
2KY ..	280 metres	1070 kilocycles
2UE ..	298 metres	1024 kilocycles
2GB ..	316 metres	949 kilocycles
2BL ..	353 metres	850 kilocycles
2FC ..	451 metres	665 kilocycles

MR. JOHANNES ANDERSEN'S lectures on "Maori Music," from 2YA, Wellington, have made a distinct "hit" with many listeners, judging by the many enthusiastic comments made to "Switch." Mr. Andersen evidently went to a great deal of trouble in investigating old-time Maori music and testing the ancient flutes. One can only hope that Mr. Andersen's lecturettes will be officially recorded so that they will be preserved for the generations to come. Some very curious facts, which were quite unknown to students of music, were brought to light in his series of lecturettes.

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# Next Week's Features

## 1YA Features

**DIVINE** service on Sunday evening will be broadcast from St. Matthew's Church, the preacher being Canon C. H. Grant Cowen and the organist Mr. J. H. Phillpot. A relay from Whangarei will follow the church broadcast.

**MADAME** Mary Towsey's Quartet will provide the vocal portion of Tuesday evening's programme, contributing solos, duets and quartets. Piano-forte solos will be played by Miss Margot St. Lawrence Toner, while selections will be performed by the Studio Trio. Outstanding on the programme will be the presentation, per medium of the gramophone, of the first part of Puccini's great opera, "La Boheme," the explanatory notes being presented by Mr. R. W. Strong.

An interesting item on Wednesday evening's programme will be the first appearance at 1YA Studio of the Majestic Octet under the baton of Mr. J. Whitford-Waugh. This combination of musicians comprise some of the best instrumentalists in Auckland, and as their programme includes a splendid variety of classical and popular items, their appearance will be looked forward to by all classes of listeners. Other artists contributing to the programme will be Mrs. L. Cronin (soprano), Miss Phyllis James (contralto), Miss Doris Binns (pianiste), Mr. R. Richards (baritone), and Mr. T. Harris (elocutionist).

ON Thursday evening a popular programme will be presented, contributing artists including the Bohemian Duo, in novelty vocal items, and Mr. T. T. Garland, whose humour needs no introduction to listeners. Mr. and Mrs. Wilfred Scott will present piano and vocal novelties, while the Studio Orchestra will be heard in popular selections. Following the studio concert dance music will be presented until 11 p.m.

OPENING the programme on Friday evening will be a thirty-minute relay of a concert from Lewis Eady's Hall. The ensuing studio programme will be contributed to by Miss Edna Peace (contralto), Miss Mollie Wright ('celliste), Mr. Hartley Warburton (baritone), and Mr. A. L. Macpherson (tenor), while the Studio Trio will pro-

cluding portion of the programme will be given over to dance music until 11 p.m.

## 2YA Features

THE service in the Vivian Street Baptist Church will be broadcast on



MR. A. C. GARDINER,  
A 2YA elocutionist.  
—S. P. Andrew, photo.



MISS IVY TAYLOR,  
mezzo-soprano, heard from 1YA.  
—S. P. Andrew, photo.

vide instrumental selections. The concluding portion of the programme will be given over to a gramophone lecture recital by Mr. Karl Atkinson, whose subject will be "Springtime in Music."

CONTRIBUTING to the programme on Saturday evening will be Mr. Fred Baker (baritone) and Mr. Dan Flood (in humorous selections). The Four Originals will present another of their original "Oh Millie" series, while popular orchestral numbers will be played by the Studio Orchestra. The con-

Sunday evening. The Rev. F. E. Harry will be the preacher. Afterwards, a concert to be given by the Municipal Band will be relayed from His Majesty's Theatre.

A FINE programme of classical items will be presented on Monday evening by the 2YA Orchestra under Signor A. P. Truda, and the following supporting artists:—Mrs. Walter Fuller (mezzo-soprano), Mr. S. E. Rodger (baritone), Miss Rene Goyder (contralto), and Mr. Charles Edwards (tenor). Mr. Victor S. Lloyd will also relate another of his "experiences." The orchestra will play "Laughing Waters," from Coleridge Taylor's "Mimehaha Suite," a movement of

Schubert's "Unfinished Symphony," Schumann's "Traumerei," Delibes' "Czardas," and, by request, Mendelssohn's "Spring Song." Mr. H. Temple White will give a brief organ recital, his items being "Hymn of the Nuns" (by Wely), "Pastorale in D" (by St. Clair), and Calkin's "Festal March." Mrs. Walter Fuller, who is a newcomer to the microphone, is an artist of outstanding merit, having been trained both in England and on the Continent. Her items will include two of Rachmaninoff's songs, "The Soldier's Wife" and "Spring Waters," also Leroux's "Le Nid." The last-mentioned number will be sung in French.

A POPULAR programme of a light nature will be given on Tuesday evening, the contributing artists being the Salon Orchestra, under Mr. M. T. Dixon, Miss Myra Sawyer (soprano), Mr. William Boardman (baritone), Miss Lily Charles, and Mr. C. Browne. Miss Charles will be heard in several popular song numbers, and Mr. Browne will entertain with humorous elocutionary items.

The Salon Orchestra will play as their opening number, the overture to "The Beautiful Galathea" (by Suppe). Further items by the orchestra will include a suite, "The Merchant of Venice," Raff's "Cavatina," a musical comedy selection "My Lady Molly," and "The French Military March" from Saint-Saens' "Suite Algerienne." A feature of the programme will be the trio, "Farewell to Cuculian" (by Kreisler), which will be played by Messrs. M. T. Dixon (piano), W. Haydock (violin), and Stanley Chapman (cello). At 9.30 a "Columbia" dance programme will be presented.

THE Artillery Band, under the conductorship of Captain T. Herd, with the assistance of the Lyric Male Voice Quartet and Miss Margaret O'Halloran (elocutionist), will provide the programme for Thursday evening. The band will play the overture to "La Gazza Ladra" ("The Thieving Magpie"), by Rossini, Bidgood's "Opera Bouquet No. 1," an entr'acte "The Monk's Dream," a fantasia, "Minstrel Melodies," and several novelty items as well as marches and waltzes. Miss Monica Malfroy (mezzo-soprano) will sing Debussy's "Romance" and Dun-

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hill's "The Cloths of Heaven," coupled with Rasbach's "Trees."

On Friday evening 2YA will relay from Palmerston North a performance of the musical comedy, "High Jinks," to be produced by the Palmerston North Amateur Operatic Society.

### 3YA Features

FROM St. Paul's Presbyterian Church, Sunday evening's service will be broadcast. The Rev. W. Bower Black will be the preacher.

DERRY'S Military Band, under Mr. J. Scott, will supply a programme on Monday evening. A special feature will be a descriptive fantasia, "The Evolution of Dixie." In this the theme moves slowly through the "Creation" dance, "Aboriginal" and "The Minuet." The melody develops till there emerges the immortal "Dixie." This in turn becomes a waltz, then ragtime, and at last grand opera. Vocalists on the programme will be Miss Betty Hilliard (who will sing theme songs from popular talkie films), Miss Jessie Ewart, whose items will be "My Treasure," "I'll Sing to You" and "Pokarekare." Baritone solos will be sung by Mr. Sydney Armstrong. Elocutionary items will be given by Mr. R. R. Wills. The Rose and Thistle Duo will be heard in songs at the piano, with banjolele obbligati.

A PROGRAMME mainly operatic, will be broadcast on Wednesday evening. The vocalists will be Miss Thelma Ayres, Mrs. Sen Jowett, Mr. W. J. Trewern and Mr. Cyril Rishworth. There will be recitations by Miss Florence Brewins. The instrumental portion of the programme will be of a very interesting nature. Apart from several selected gramophone numbers the instrumental music will be supplied by the Studio Octet under Mr. Harold Beck. There will also be a violin duet by Miss Irene Morris and Miss Florence Millar.

ON Thursday evening at 7.30, Mr Robert McPherson will speak on "Co-operative Marketing of Wheat." This is a talk arranged by the 3YA Primary Productions Committee.

SCOTTISH concert is scheduled for Thursday evening. The vocalists will be the Grand Opera Quartet, who will sing solo and chorus numbers. Scottish airs will be played by the Studio Octet and further Scottish items will be introduced by means of gramophone records.

A PROGRAMME of popular songs and dance music will be presented on Friday evening. Quartets and solo numbers will be sung by Mrs. Lucy O'Brien, Miss Mary Taylor, Mr. T. G. Rogers, and Mr. E. J. Johnson. Two humorous recitations will be given by Mr. James Laurenson. The dance music will be supplied by the Bailey-Marston Dance Orchestra.

SATURDAY evening will see the Revellers' broadcasting again. They can always be relied upon to present a good entertainment and their programme for Saturday will include songs (solo and concerted) recitations, sketches and instrumental numbers.

### 4YA Features

PASTOR W. D. MORE will be the preacher at St. Andrew Street Church of Christ on Sunday evening, when the service is to be broadcast. A studio concert will follow.

EXCERPTS from Monckton's popular light opera, "The Arcadians," will comprise the programme on Monday evening. As all the principal solo and chorus numbers will be sung, this will make a most enjoyable evening. Instrumental music will be provided by the Studio Trio.

THE programme on Tuesday evening will be provided by the St. Kilda Band, under Mr. James Dixon. 4YA vocalists assisting will be Miss I. Haywood (mezzo soprano), Mr. W. B. Lambert (bass), and Miss Ngata Buswell (elocutioniste).

WEDNESDAY evening's programme will open with a relay from the Empire Theatre. Mr. Leslie Harvey will be playing on the Christie organ. Two entertaining sketches are included in the studio programme—"The Indicator," and "The New Portia"—to be acted by Miss Sheila Neilson and Mr. J. B. McConnell. Many well-known songs appear on the evening's programme. The vocalists will be Miss Rita Holmes, Mr. R. A. Mitchell, and Mr. Ralph Martindale. Mr. J. Paterson will dispense Scottish humour. There will be a piano solo by Mrs. Ernest Drake.

ON Friday evening a new instrumental quintet will appear, presenting a very choice programme. Instrumental numbers will also be played by the Virtuoso Trio. The vocal numbers include soprano solos by Miss Eva Scott, "Flowers of the Forest," "Cradle Song," "With Verdure Glad." Miss Mary Somerville (contralto) will sing "Like to a Damask Rose," "Soul of Mine," and "Hushed is My Lute." Mr. Norman G. Lemon's bass solos will be "Prince Ivan's Song," "Dreams of Dusk," and "Bois Epaïs."

ON Saturday evening there will be the usual relay from 3YA.

### Children's Sessions

#### AT 1YA.

TUESDAY, NOVEMBER 5.—What ho! for Guy Fawkes night outside the studio, and inside as well. You

may be sure Uncle George will have some crackers, and cousins Joyce and Marjory, who are giving sketches, will assist him letting them off.

WEDNESDAY.—Uncle Tom with his usual store of good cheer. Scattering it right and left, and cousins assisting with songs.

THURSDAY.—Miss Richardson is bringing her pupils to the studio, and they will assist Peter Pan with songs, duets and pianoforte solos.

FRIDAY.—Friday evening we have Nod and Aunt Jean, who always have plenty to entertain Radio-land. So wait and see what they have in their box of tricks.

SATURDAY.—Cinderella telling stories, and sending birthday greetings, Cousin Alice giving humorous sketches and Cousin May with songs.

SUNDAY.—Children's Song Service, conducted by Uncle Len, assisted by St. John's Methodist Sunday School.

#### AT 2 YA.

MONDAY, NOVEMBER 4.—For our Children's Hour to-night we welcome the pupils of Miss Edna Purdie in songs and choruses. Birthday greetings and puzzles from Uncle Jeff.

TUESDAY.—Some new cousins will be welcomed this evening—the pupils of Miss Vandersloot. Birthday messages and a little story by Uncle Jim.

THURSDAY.—Some happy songs and recitations for to-night. Cousins Marjorie and Meryl are coming. There will be stories, too, and Uncle George will give the birthday greetings.

FRIDAY.—Cousin Gladys will be here to-night, also two pupils of Mrs. Thomas, who will give a sketch about a little girl. Brother Jack will be here with birthday greetings, and with him will be good old Robinson.

SATURDAY.—Some little girls—the pupils of Mrs. Martyn Williams, will recite for Radioland to-night. And Uncle Toby and Aunt Gwen are going for a fairy trip somewhere up in the sky. They will send birthday messages out to all the little birthday folk—perhaps before leaving the studio, or maybe from the air.

SUNDAY.—The Children's Song Service will be conducted by Uncle George, assisted by the Church of Christ Sunday School Choir under Mr. A. Thomas.

#### AT 3YA.

MONDAY, NOVEMBER 4.—You all know how delightful it is to listen to the birds in the parks and in the bush. To-night Scatterjoy will tell you about the beautiful bird-calls, and what they suggest to us. And we begin the "anti-waste" week to-day. Are we all going to be careful? Listen-in and get some hints.

WEDNESDAY.—Mother Hubbard with a fresh supply of bones from the cupboard, and Uncle Frank with a case full of stories and songs.

THURSDAY.—To-night our old friend Victor is coming to help Uncle John and Cousin Gwen, and Cousin Barbara will sing some of Christopher Robin's songs.

FRIDAY.—Our friends from the West Christchurch District High School are coming to-night to help Storyman. So we are sure of a lovely time.

## Vagaries of Radio

A KITCHEN stove in a house one hundred yards away from a powerful American broadcasting station has reproduced radio programmes quite distinctly. The stove has no electrical connection whatsoever attached to it. It is thought that the gas pipe probably acted as an antenna, a water-pipe as an earth, a rusted stove-pipe as a crystal and a hot-water tank served as a loud-speaker. This phenomenon was discovered by a little girl, who announced to her incredulous parents that the rats had a radio! A similar phenomenon was observed in the garage when music was weakly but distinctly emitted from the metal guard of a portable light when it was placed upon a motor-car bumper.

THE latest story concerning the durability of the British valve, states "Popular Wireless," is provided by one of the leading manufacturing firms in England. One of their customers found that his handmaiden had, with that abandon which marks the lovelorn adolescent, thrown his newly-purchased valve, box and all, into the furnace. Twelve hours later the remains were salvaged. The box was burnt off, but the pins and glass seemed to be all there, and when plugged into the set this salamandrine valve delivered 2LO perfectly. The authenticity of this remarkable occurrence is doubted by our office-boy, who says that the heat would have expanded the vacuum and burst the bulb!

THE effect of magnetic storms on the strength of radio signals was the subject of an interesting lecture given in New York recently, and some definite conclusions were arrived at. It was shown that when signals from distant stations are weaker than usual, and signals from local stations louder, a magnetic storm may be expected; and that after such a storm, much stronger signals are received from distant stations. This is quite a reasonable explanation of the variation in reception conditions of overseas stations.

SATURDAY.—Oh-ho for Brother Bill and his droll stories and jokes—and Cousin Ena with some pretty music, while Aunt Pat will help in songs and stories for the very little ones.

SUNDAY.—The Children's Song Service will be conducted by the Baptist Sunday School.

## TOBACCO HABIT CONQUERED

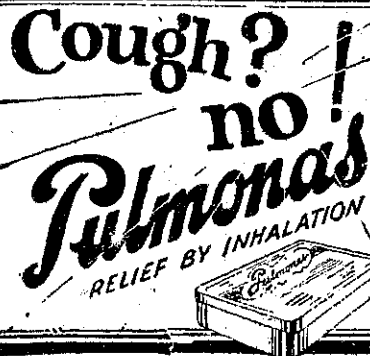
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# Full Programmes for Next

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## Sunday, November 3

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

- 3.0 : Afternoon session—selected studio items.
- 4.0 : Literary selection by the Announcer.
- 4.8 : Studio items.
- 4.30 : Close down.
- 6.0 : Children's session, conducted by Uncle Leo.
- 6.55 : Relay of service from St. Matthew's Church. Preacher: Canon C. H. Grant Cowen. Organist: Mr. J. H. Philpot.
- 8.30 : (approx.) Relay of concert from Whangarei Town Hall by the Municipal Silver Band, under Bandmaster Arthur Dobson.

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

- 3.0 : Afternoon session—selected studio items.
- 4.30 : Close down.
- 6.0 : Children's song service, conducted by Uncle George.
- 7.0 : Relay of service from Vivian Street Baptist Church—Preacher: Rev. F. E. Harry. Organist: Mr. Chas. Collins. Choirmaster: Mr. J. R. Samson.
- 8.15 : (approx.) Relay from His Majesty's Theatre of recital by the Wellington Municipal Tramways Band, under the conductorship of Mr. E. Franklin.
- Close down.

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

- 3.0 : Afternoon session—Selected studio items.
- 5.0 : Children's song service (children of the Presbyterian Sunday Schools).
- 6.15 : Chimes from studio.
- 6.30 : Studio programme:  
Organ—G. T. Pattman, "Liebestraume" (Liszt) (Columbia 01003).
- 6.36 : Instrumental—Studio Trio, "Trio in D Minor—First Movement" (Mendelssohn).
- 6.48 : Royal Philharmonic Orchestra, "Symphony No. 6 in C Major—First Movement, Allegro" (Kurt Atterberg) (Columbia 04216).
- 7.0 : Relay of service from St. Paul's Presbyterian Church. Preacher, Rev. W. Bower Black. Organist, Mr. Norman Williams. Choir conductor, Mr. H. Blakeley.
- 8.15 : (approx.) Rebroadcast of 2YA, Wellington (relay from His Majesty's Theatre, Wellington, of concert by the Wellington Municipal Tramways Band, under the conductorship of Mr. E. Franklin).
- Close down.

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

- 3.0 : Town Hall chimes.
- 3.1 : Afternoon session—Selected gramophone items.
- 5.30 : Children's Song Service, conducted by Big Brother Bill.
- 6.30 : Relay of service from St. Andrew Street Church of Christ. Preacher: Pastor W. D. More. Organist: Miss Stokes.
- 7.55 : Weather report.
- 8.5 : Studio concert.
- 9.15 : Close down.

## Monday, November 4

### 1YA, AUCKLAND (900 KILOCYCLES)—MONDAY, NOVEMBER 4.

SILENT DAY.

### 2YA, WELLINGTON (720 KILOCYCLES)—MONDAY, NOVEMBER 4.

- 3.0 : Chimes of the G.P.O. clock.
- 3.1 : Selected gramophone items.
- 4.30 and 4.50 : Sports results to hand.
- 5.0 : Children's session, conducted by Uncle Jeff.
- 6.0 : Dinner session—"Columbia" Hour:  
Orchestre Symphonique de Paris, "L'Arlesienne—Prelude Act 1" (Bizet) (01324).  
Orchestre Symphonique de Paris, "L'Arlesienne—Pastorale—L'Etang de Vaccares" (Bizet) (01325).
- 6.12 : Tacet.
- 6.15 : Orchestre Symphonique de Paris, "L'Arlesienne—La Cuisine de Castellet" and "L'Arlesienne—Intermezzo" (01326).

- Orchestre Symphonique de Paris, "L'Arlesienne—Le Carillon" and "L'Arlesienne—Adagietto" (Bizet) (01327).
- 6.27 : Tacet.
- 6.30 : Orchestre Symphonique de Paris, "L'Arlesienne—Farandole" and "L'Arlesienne—Marche des Rois" (01328).
- Cello solo—Gaspar Casado, "Menuett" (Haydn, arrgd. Burmeister-Moffatt) (03595).
- Cherniavsky Trio, "Minuet—Quartet in E" (Boccherini-Herman) (0845).
- 6.42 : Tacet.
- 6.45 : J. H. Squire Celeste Octet, "Cant Sans Paroles" (Tchaikowsky) (02820).
- Basle Symphony Orchestra, "Invitation to Waltz" (Weber) (02853).
- 6.57 : Tacet.
- 7.0 : News session, market reports and sports results.
- 7.40 : Lecturette—Mr. H. C. South, "Books—Grave and Gay."
- 8.0 : Chimes of the G.P.O. clock.
- 8.1 : Overture—2YA Orchestrina under the conductorship of Signar A. P. Truda, "Laughing Water" ("Minnehaha Suite") (Coleridge-Taylor).
- 8.9 : Mezzo-soprano—Mrs. Walter Fuller, (a) "The Soldier's Wife" (Rachmaninoff); (b) "Spring Waters" (Rachmaninoff).
- 8.15 : Baritone—Mr. S. E. Rodger, "Regina Angelorum" (Plecolimoni).
- 8.19 : Symphony—2YA Orchestrina, "The Unfinished Symphony" (Schubert).
- 8.27 : Contralto—Miss Rene Goyder, "Danny Boy" (Weatherly).
- 8.31 : Tenor—Mr. Chas. Edwards, "I Wept, Beloved, as I Dreamed" (Hue).
- 8.35 : Cello—Gaspar Casado, (a) "Melodie Arabe" (Glazounov); (b) "Le Cygne" (Saint-Saens) (Columbia 03579).
- 8.41 : Mr. Victor S. Lloyd will relate another experience.
- 8.53 : Instrumental—2YA Orchestrina, (a) "Traumerei" (Schumann); (b) "Czardas" (Delibes).
- 9.1 : Weather report.
- 9.3 : Relay of organ recital by Mr. H. Temple White, (a) "Hymn of the Nuns" (Wely); (b) "Pastorale in D" (St. Clair); (c) "Festal March" (Calkin).
- 9.18 : Mezzo-soprano—Mrs. Walter Fuller, "Le Nil" (Leroux).
- 9.22 : Vocal duet—Messrs. S. E. Rodger and Chas. Edwards, "Watchman, What of the Night?" (Sargeant).
- 9.26 : Instrumental—2YA Orchestrina, "Pursuit" ("Minnehaha Suite") (Coleridge-Taylor).
- 9.32 : Baritone—Mr. R. S. Rodger, "Under the Rose" (Hawley).
- 9.36 : Violin—Toscha Seidel, (a) "Slavonic Dance No. 2 in E Minor" (Dvorak-Kreisler); (b) "Hungarian Dance No. 1" (Brahms-Joachim) (Columbia 09504).
- 9.44 : Contralto—Miss Rene Goyder, (a) "Boat Song" (Ware); (b) "I Heard You Go By" (Wood).
- 9.50 : Tenor—Mr. Chas. Edwards, "Sacrament" (McDermid).
- 9.54 : Instrumental—2YA Orchestrina, (a) "Spring Song" (Mendelssohn) (by request); (b) "Marche Militaire" (Schubert).
- 10.2 : Close down.

### 3YA, CHRISTCHURCH (980 KILOCYCLES)—MONDAY, NOVEMBER 4

- 3.0 : Afternoon session—Gramophone items.
- 4.25 : Sports results to hand.
- 5.0 : Children's session, conducted by "Scatterjoy."
- 6.0 : Dinner session—"Columbia" Hour:  
Orchestra and organ—Ketelbey's Concert Orchestra, "The Sacred Hour" (Ketelbey) (01528).  
Wurlitzer organ—Milton Charles, "Love's Old Sweet Song" (Molloy) (01161).  
Plaza Theatre Orchestra, "My Lady Dainty" (Hesse) (01438).
- 6.12 : Tacet.
- 6.15 : J. H. Squire's Celeste Octet, "Chant Sans Paroles" (Tchaikowsky) (02805).
- Violin and organ—Manuello, "Evening in the Desert" (Hermite) (Regal G20420).
- J. H. Squire's Celeste Octet, "Invitation to the Valse" (Weber) (02805).
- Musical Art Quartet, "To a Wild Rose" (McDowell) (01506).
- 6.27 : Tacet.
- 6.30 : Royal Serbian Tambouritzza Orchestra, "The Kalythe Valgas" (Serbian Melody) (01490).
- Planoforte—Percy Grainger, "Country Gardens" (Grainger) (03620).
- Orchestra and flutes—Bournemouth Municipal Orchestra, "Idylle Bretonne" (Glunin) (02809).
- Wurlitzer organ—Milton Charles, "At Sundown" (Donaldson) (0914).
- 6.42 : Tacet.
- 6.45 : Cello—W. H. Squire, "Berceuse de Jocelyn" (Godard) (04179).
- H.M. Grenadier Guards, "New Sullivan Selection" (arrgd. Godfrey) (02731).



# Week-all Stations-to Nov. 10

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- 6.55: Tacet.  
 7.0: News session.  
 7.30: Talk—"The Record Swing," by Mr. Charles Buckett, world's champion club-swinging.  
 8.0: Chimes.  
 Studio programme by Derry's Military Band, under the conductorship of Mr. J. Scott, and assisting artists:  
 8.1: March—Band, "Orange and Black" (Lake).  
 Valse—Band, "By the Mississippi" (Dawe).  
 8.11: Mezzo-soprano—Miss Jessie Ewart, "My Treasure" (Trevalso).  
 8.15: Cornet solo—James Compton, "At Sunset" (Code) (Columbia 0633).  
 8.18: Baritone—Mr. Sydney Armstrong, (a) "Thank God for a Garden" (Del Riego), (b) "The Old Clock" (Drummond).  
 8.25: Humoresque—Band, "A Musical Switch" (Alford).  
 8.33: Songs at piano with banjolele obligato—Rose and Thistle Duo, (a) "If You Want the Rainbow" (Dixon), (b) "What a Girl, What a Night" (Sanders).  
 8.39: Whistling solo with violin and piano—Sybil Sanderson, "Honeymoon" Waltz (Arden) (Columbia 3901).  
 8.42: Recitals—Mr. R. R. Wills, (a) "Carlotta Mio" (MS.), (b) "The German on the Telephone."  
 8.46: Two-step—Band, "Savoy American Medley" (Somers).  
 8.52: Popular song—Miss Betty Hilliard, "My Wild Party Girl" (Whiting).  
 8.57: Xylophone—Rudy Starita, "Dancing Tambourine" (Polla) (Regal G20805).  
 9.0: Weather report.  
 9.2: Hawaiian—Milford's Hawaiian Players, "Kilima" (trdtl.) (Regal G20484).  
 9.5: Mezzo-soprano—Miss Jessie Ewart, (a) "I'll Sing to You" (Thompson), (b) "Pokarekare" (Alfred Hill).  
 9.12: Descriptive Fantasia—Band, "The Evolution of 'Dixie'" (Lake) (a fantasia depicting the gradual evolution of the well-known "Dixie" theme. Slowly through the "Creation" dance, "Aboriginal" and "Minuet," the melody is developed till there emerges the immortal "Dixie." This in turn becomes a waltz, then ragtime, and at last grand opera).  
 9.33: Baritone—Mr. Sydney Armstrong, "Loch Lomond and You" (Drummond).  
 9.37: Wurlitzer organ—Frederick Curzon, "For Old Times' Sake" (De Silva) (Regal G20475).  
 9.40: Popular songs—Miss Betty Hilliard, (a) "Stay-at-Home Girl" (O'Hagan), (b) "Think of Me Thinking of You" (Abbott).  
 9.46: Recital—Mr. R. R. Wills, "The Chairman's Remarks" (MS.).  
 9.51: Songs at piano with banjolele obligato—Rose and Thistle Duo, (a) "Avalon Town" (Clarke), (b) "I'm Bringing a Red, Red Rose" (Kahn).  
 9.57: Foxtrot—Band, "That's Why I Love You" (Donaldson).  
 March—Band, "My Dream of the Big Parade" (Dubin).  
 10.3: Close down.
- 4YA, DUNEDIN (650 KILOCYCLES)—MONDAY, NOVEMBER 4.
- 3.0: Town Hall chimes.  
 3.1: Selected gramophone items.  
 4.25: Sports results to hand.  
 5.0: Children's session conducted by Uncle Allan.  
 6.0: Dinner session—"Columbia" Hour:  
 Orchestre Symphonique de Paris, "L'Arlésienne Suite" (Bizet): (1) Prelude; (2) Entr'acte—Pastorale, L'Etang de Vaccares; (3) Chœurs—Suivant la Pastorale (01324-5).  
 6.12: Tacet.  
 6.15: Columbia Symphony Orchestra, "Faust" Selection (Gounod) (02708).  
 Violin—Toscha Seidel, "Chanson Arabe" (Rimsky-Korsakov) (09505).  
 6.27: Tacet.  
 6.30: Orchestre Symphonique de Paris, "L'Arlésienne Suite" (Bizet): (1) La Cuisine de Castalet; (2) Minuetto; (3) Le Carillon; (4) Adagietto (01326-7).  
 6.42: Tacet.  
 6.45: Orchestre Symphonique de Paris, "L'Arlésienne Suite" (Bizet): Farandole (01328).  
 Band de la Garde Republicaine, "Carmen—Entr'acte" (Bizet) (02747).  
 6.56: Tacet.  
 7.0: News session.  
 7.30: Lecturette by "The Radio Man," "Wireless."  
 8.0: Town Hall chimes.  
 8.1: Overture—Halle Orchestra, "Rosamunde" (Schubert) (Columbia 04056).  
 Presentation of excerpts from the light opera "The Arcadians" (Monckton) by the Majors Quartet. Soloists: Soprano, Miss Freda Elmes; Contralto, Miss Dorothy Skinner; Tenor, Mr. J. Montague; Baritone, Mr. L. M. Cachemaille.
- 8.9: Introduction and Opening Chorus.  
 8.13: Baritone and chorus, "I Quite Forgot" (Monckton).  
 Vocal quartet, "The Joy of Life" (Monckton).  
 8.20: Soprano—"The Pipes of Pan are Calling" (Monckton).  
 Baritone and chorus, "Sweet Simplicitas" (Monckton).  
 8.23: Finale, Act 1.  
 8.31: 4YA Broadcasting Trio, "Slavonic Dances Nos. 2 and 3" (Dvorak).  
 8.39: Opening, Act 2, of "The Arcadians" (Monckton).  
 8.43: Tenor and chorus, "Back Your Fancy" (Monckton).  
 8.46: Contralto and chorus, "The Girl with the Brogue" (Monckton).  
 Soprano and chorus, "Arcady is Young" (Monckton).  
 8.53: Contralto and baritone duet, "Charming Weather" (Monckton).  
 Finale, Act 2.  
 8.58: Violin—Mr. Frank Parsons, "Andante" (Mendelssohn).  
 9.2: Weather report.  
 9.4: Band of H.M. Grenadier Guards, "New Sullivan Selection" (arrgd. Godfrey) (Columbia 02731).  
 9.12: Opening chorus, Act 3, of "The Arcadians."  
 9.16: Tenor solo, "My Mother" (Monckton).  
 9.19: Soprano and chorus, "Bring Me a Rose" (Monckton).  
 Male chorus, "Truth is So Beautiful" (Monckton).  
 9.25: Soprano and tenor, "Half-past Two" (Monckton).  
 9.33: Finale.  
 9.35: 4YA Broadcasting Trio, (a) "To Spring" (Grieg), (b) "Autumn Song" (Tschalkowsky), (c) "Swedish Folk Song" (Svendsen).  
 9.49: Violin—Mr. Frank Parsons, (a) "Air on G String" (Purcell), (b) "Aberlied" (Nachez).  
 9.56: Selection—Plaza Theatre Orchestra, "Belle of New York" (Kerker, arrgd. Godfrey) (Regal G30016).  
 10.0: Close down.

## Tuesday, November 5

1YA, AUCKLAND (900 KILOCYCLES)—TUESDAY, NOVEMBER 5.

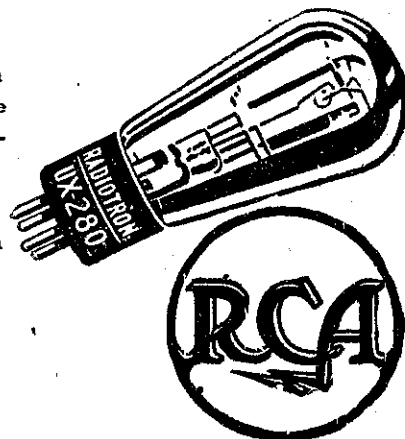
- 3.0: Afternoon session—selected studio items.  
 4.0: Literary selection by the Announcer.  
 4.8: Studio items.  
 4.25: Sports results to hand.  
 5.0: Children's session, conducted by Uncle George.  
 6.0: Dinner session—"Brunswick" Hour:—  
 Minneapolis Symphony Orchestra, "Coppelia Ballet—Prelude and Mazurka" (Delibes) (50087).

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WELLINGTON.

- Planoforte—Leopold Godowsky, "Rigoletto—Paraphrase" (Verdi-Liszt) (50131).  
Cleveland Orchestra, "Song of India" (Sadko) (Rimsky-Korsakov) (L5120).
- 6.13: Tacet.
- 6.15: Minneapolis Symphony Orchestra, "Czardas" (Strauss) (15199).  
Organ—Lew White, "Angelus" ("Scenes Pittoresques") (Massenet) (20083).
- 6.27: Tacet.
- 6.30: Minneapolis Symphony Orchestra, "Roman Carnival" Overture (Berlioz) (50156).  
Violin—Bronislaw Huberman, "Jota Navarra" (Sarasate) (50051).
- 6.43: Tacet.
- 6.45: Planoforte—Leopold Godowsky, "Rondo Capriccioso" Mendelssohn (50131).  
Male choir—Famous Forty Elks Chorus, "Sweet and Low" (Barnby) (3073).  
Instrumental Trio—Heerman's Popular Concert Trio, "Dalvisa" (Sandby) (4228).  
Band—Walter B. Roger's Band, "Anvil Chorus" ("Il Trovatore") (Verdi) (2932).
- 6.58: Tacet.
- 7.0: News and market reports.
- 7.15: Talk—Mr. George Campbell, "Motoring."
- 8.0: Chimes.
- 8.1: Part-song—Madame Mary Towsey's Quartet, "O Thou Whose Power Tremendous" (Rossini).
- 8.5: Baritone—Mr. John Bree, "Infelice" (Verdi).
- 8.9: Studio Trio, (a) "Wind" (Kreisler); (b) "Syncopation" (Kreisler).
- 8.17: Mezzo-soprano—Miss Ima Schollum, "Morning" (Speaks).
- 8.21: Planoforte—Miss Margot St. Lawrence Toner, "First Sonata—Trad-jica" (McDowell).
- 8.26: Tenor—Mr. John McDougall, "Where'er You Walk" (Handel).
- 8.30: Recital—Miss M. Clouston, "The Lesson of the Water Mill."
- 8.35: Contralto—Miss Aimee Clapham, "Charming Chloe" (German).
- 8.39: Baritone—Mr. J. Bree, "Gloriana" (Mallinson).
- 8.43: Studio Trio, "Samson et Delilah" selection (Saint-Saens, arrgd. Alder).
- 8.52: Soprano—Madame Mary Towsey, "The Erl King" (Schubert).
- 8.56: Recitals—Miss M. Clouston, (a) "The Fool"; (b) "The Alarm" (Bell).
- 9.2: Vocal duet—Misses Clapham and Schollum, "Still as the Night" (Bohm).
- 9.6: Planoforte—Miss Margaret St. Lawrence Toner, (a) "Pastorale" (Scarlatti); (b) "Capriccio" (Scarlatti).
- 9.12: Tenor and chorus—Mr. J. McDougall, "Sunshine Above" (Jones).
- 9.16: Vocal quartet—Madame Mary Towsey's Quartet, "Jest a'wearin' for You" (Bond).
- 9.20: Gramophone Lecture-Recital—Mr. R. W. Strong, "La Boheme" (Puccini) (Part 1) (H.M.V. C1513/6).
- 10.0: Close down.

## 2YA, WELLINGTON (720 KILOCYCLES)—TUESDAY, NOVEMBER 5.

- 3.0: Chimes of the G.P.O. clock.
- 3.1: Selected gramophone items.
- 4.30 and 4.50: Sports results to hand.
- 5.0: Children's session, conducted by Uncle Jim.
- 6.0: Dinner session—"His Masters Voice" Hour:  
National Symphony Orchestra, "Die Fledermaus" (The Bat) (Strauss) (Zonophone EF25).  
Salon Orchestra, "Serenade" (Toselli) (H.M.V. EA358).
- 6.12: Tacet.
- 6.15: New Light Symphony Orchestra, "Liebestraume" (Liszt) (EB10).  
Violin and kinema organ, Charles Williams, "Annie Laurie" (Scott) (Zonophone 5280).  
Piccadilly Orchestra, (a) "Lolita" (Ferrett); (b) "If I Had You" (Davies) (B2713).
- 6.28: Tacet.
- 6.30: Marek Weber's Orchestra, "Potpourri of Waltzes" (Robrecht) (C1544).  
New Light Symphony Orchestra, "Just a Memory" (de Sylva) (EB18).
- 6.42: Tacet.
- 6.45: Hila Hawaiian Orchestra, (a) "Hawaiian Nights" (Bowers); (b) "Aloma" (Bowers) (EA310).  
Kinema organ—Leslie James, "Lily of Laguna" (Stuart) (B2902).  
Victor Concert Orchestra, "In a Monastery Garden" (Ketelbey) (Zonophone EF7).
- 6.58: Tacet.
- 7.0: News session, market reports and sports results.
- 7.40: Lecturette—Representative, Agricultural Department, "For the Man on the Land."
- 8.0: Overture—2YA Salon Orchestra under the conductorship of Mr. Mat. Dixon, "Beautiful Galatea" (Suppe).
- 8.9: Soprano—Miss Myra Sawyer, "Butterfly Wings" (Montague Phillips).
- 8.13: Bass—Mr. Wm. Boardman, "Porter's Song" ("Martha") (Flotow).
- 8.17: Suite—2YA Salon Orchestra, "Merchant of Venice" (Rosse).
- 8.25: Popular songs—Miss Lily Charles, (a) "Are You Lonesome To-night?" (Handman); (b) "The Sun is at My Window Throwing Kisses at Me" (Meyer).
- 8.31: Humour—Mr. C. Browne, (a) "How the Minstrel Saved his Job" (Barham); (b) "Orange Peel" (Hayes).

- 8.38: Instrumental—2YA Salon Orchestra, "Liebestraum" (Liszt).  
Instrumental Trio—Messrs. Dixon, Haydock and Chapman, "Farewell to Cucullin" (Arrgd. Kreisler).
- 8.46: Vocal duet—Miss Myra Sawyer and Mr. Wm. Boardman, "A Paradise for Two" ("Maid of the Mountains") (Fraser-Simpson).
- 8.50: Soprano—Miss Myra Sawyer, "Spring's Awakening" (Sanderson).
- 8.54: Instrumental—2YA Salon Orchestra, Request Number.
- 9.0: Weather report.
- 9.2: Bass—Mr. Wm. Boardman, "The Stockrider's Song" (James).
- 9.6: Instrumental—2YA Salon Orchestra, "My Lady Molly" (Kiefert).
- 9.14: Humour—Mr. C. Browne, (a) "Arf a Cigar" (Herbert); (b) "Happy Though Married" (Anon.).
- 9.21: Popular song—Miss Lily Charles, "Carolina Moon" (Davis).
- 9.25: Suite—2YA Salon Orchestra, "Marche Militaire Francaise—Suite Algerienne" (Saint-Saens).
- 9.30: "Columbia" Dance programme:  
Foxtrot—Milt. Shaw's Orchestra, "Walking with Susie" (Gottler) (01553).  
Foxtrot—Ted Lewis's Band, "Glad Rag Doll" (Ager) (01440).  
Foxtrot—Milt Shaw's Orchestra, "Breakaway" (Gottler) (01553).  
Waltz—Ted Lewis's Band, "When the Curtain Comes Down" (Sherman) (01440).
- 9.45: Organ—Frederic Curzon, "Sonny Boy" (de Sylva) (Regal G20475).  
Foxtrot—Paul Whiteman's Orchestra, "Chinese Lullaby" (Bowers) (07020).  
Foxtrot—Paul Whiteman's Orchestra, "Nola" (Arndt) (07022).  
Waltz—Paul Whiteman's Orchestra, "My Angeline" (Wayne) (07020).  
Waltz—Paul Whiteman's Orchestra, "The Sidewalks of New York" (Lawlor) (07014).
- 10.0: Baritone—Art Leonard, "The King of Borneo" (Crumit) (Regal G20498).  
Foxtrot—Reser's Syncopators, "Where Did You Get That Name?" (Klein) (01583).  
Foxtrot—Lombardo's Royal Canadians, "This is Heaven" (Yellen) (01632).  
Slow foxtrot—Piccadilly Players, "Bogey Wail" (Wallace) (01567).  
Waltz—Gil Dechs Syncopators, "I'll Always be in Love With You" (Ruby) (01520).
- 10.15: Comedian—Harry Hemsley, "Misery Farm" (Wallis) (Regal G20501).  
Foxtrot—Reser's Syncopators, "Here Comes the Show Boat" (Rose) (01583).  
Foxtrot—Lombardo's Royal Canadians, "I Get the Blues When it Rains" (Weaver) (01632).  
Waltz—Paul Whiteman's Orchestra, "Roses of Yesterday" (Berlin) (07014).  
Waltz—Piccadilly Players, "Lisette" (Major) (01568).
- 10.30: Hawaiian—Clark's South Sea Islanders, "Beautiful Kalla" (Kane-homanole) (01225).  
Foxtrot—Harry Reser's Syncopators, "It Ain't no Fault of Mine" (Davis) (01554).  
Foxtrot—Piccadilly Players, "I Found you out When I Found you In" (O'Flynn) (01568).  
Waltz—The Columbians, "Christina" (Gottler) (01585).  
Waltz—Andy Sanella's Trio, "Evangeline" (Jolson) (01630).
- 10.45: Novelty—Flanagan Brothers, "Three O'clock in the Morning" Waltz (Robledo) (Regal G20453).  
Foxtrot—Willie Creoger's Orchestra, "On Top of the World Alone" (Whiting) (Regal G20527).  
Foxtrot—Debroy Somer's Band, "The Egg Song" (Salisbury) (01523).  
Waltz—Stellar Dance Band, "Marie" (Berlin) (Regal G20486).  
Waltz—Eddie Thomas' Collegians, "Moonlight on the Danube" (Gay) (01135).
- 11.0: Close down.

## 3YA, CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, NOVEMBER 5. SILENT DAY.

## 4YA, DUNEDIN (650 KILOCYCLES)—TUESDAY, NOVEMBER 5.

- 3.0: Town Hall chimes.
- 3.1: Selected gramophone items.
- 4.25: Sports results to hand.
- 5.0: Children's session conducted by Big Brother Bill.
- 6.0: Dinner session—"His Majesty's Voice" Hour:  
March—United States Army Band, "Army and Marine" (Starke) (Zonophone EE145).  
Selection—Piccadilly Orchestra, "The Waltz Dream" (Strauss) (B2684).  
Jack Hylton's Orchestra, "My Inspiration is You" (Nicholls) (C1577).
- 6.12: Tacet.
- 6.15: Royal Opera Orchestra, "Sylvia Ballet—Prelude" (Delibes) (C1417).  
Royal Opera Orchestra, "Sylvia Ballet—Intermezzo" (Delibes) (C1417).  
Salon Orchestra—"Chanson Bohemienne" (Baldi) (B2581).
- 6.27: Tacet.
- 6.30: Jack Hylton's Orchestra, "A Room with a View" (Coward) (C1577).  
Salon Orchestra, "Aloha Sunset Land" (Kawleo) (B2581).  
March—San Francisco Symphony Orchestra, "Marche Militaire" (Schubert) (ED9).

- 6.42: Tacet.  
 6.45: Detroit Symphony Orchestra, "Spanish Rhapsody" (Chabrier) (E522).  
 Balalaika Orchestra, "Shining Moon" (Russian Folk Song) (EA48).  
 March—United States Army Band, "American Spirit" (Buglione) (Zonophone EE145).  
 6.57: Tacet.  
 7.0: News session.  
 8.0: Town Hall chimes.  
 Studio concert by the St. Kilda Band, under the conductorship of Mr. James Dixon, and assisting artists:  
 8.1: March—Band, "Loyal Cornettes" (Bourne).  
 8.7: Mezzo-soprano—Miss Irene Heywood, (a) "When Daisies Pied" (Ryan), (b) "Love Was Once a Little Boy" (Wade).  
 8.14: Violin and cinema organ—Charles Williams, "Intermezzo"—"Cavalleria Rusticana" (Mascagni) (Zonophone 5280).  
 8.18: Bass—Mr. W. B. Lambert, "Spanish Gold" (Fischer).  
 8.22: Air and variations—Band, "Sandon" (Rimmer).  
 8.32: Male chorus—Stuart Robertson and chorus, (a) "There is a Tavern in the Town" (trdtl.), (b) "John Peel" (trdtl.) (H.M.V. B2992).  
 8.36: Recital—Miss Ngata Buswell, "The Old Gentleman with the Amber Snuffbox" (Noyes).  
 8.42: Cornet—Band, "Until" (Sanderson).  
 8.47: Mezzo-soprano—Miss Irene Heywood, "Villanelle" (Dell'Acqua).  
 8.51: Overture—Band, "Zitella" (Hume).  
 9.0: Weather report.  
 9.2: Violin and cinema organ—Charles Williams, "Annie Laurie" (Scott) (Zonophone 5280).  
 9.6: Bass—Mr. W. B. Lambert, (a) "The Fishermen of England" (Phillips), (b) "Women, Oh, Women" (Phillips).  
 9.13: Descriptive selection—Band, "Sailor's Life" (Cope).  
 9.25: Recital—Miss Ngata Buswell, "He Fell Among Thieves" (Newbold).  
 9.32: Male chorus—Stuart Robertson and chorus, (a) "Clementine" (Montrose), (b) "Solomon Levi" (Seaver) (H.M.V. B2992).  
 9.36: Intermezzo—Band, "From a Russian Village" (Marsden).  
 9.46: Mezzo-soprano—Miss Irene Heywood, "The Fuchsia Tree" (Quilter).  
 9.50: Novelty orchestra—Instrumental Novelty Orchestra, (a) "El Choclo" (Villoldo), (b) "Y Como Le Va" (Valverde) (H.M.V. EA364).  
 9.54: Concert march—Band, "Red Gauntlet" (Rimmer).  
 10.0: Close down.

## Wednesday, November 6

### 1YA, AUCKLAND (900 KILOCYCLES)—WEDNESDAY, NOVEMBER 6.

- 3.0: Afternoon session—selected studio items.  
 4.0: Literary selection by the Announcer.  
 4.8: Studio items.  
 4.25: Sports results to hand.  
 4.30: Close down.  
 5.0: Children's session, conducted by Uncle Tom.  
 6.0: Dinner session—"His Master's Voice" Hour:—  
 New Light Symphony Orchestra, "The Glow Worm" (Lincke) (Zonophone BF20).  
 Virtuoso String Quartet, "Londonderry Air" (Arrgd. Bridge) (C1470).  
 Band of H.M. Coldstream Guards, "Faust" selection (Gounod) (C129).  
 6.13: Tacet.  
 6.15: Organ—Stanley Roper, "Cantilene Nuptiale" (Dubois) (C1297).  
 Hawaiian—Walter Kolomoku's Honoluluans, "Southern Melodies" Waltz (Zonophone A845).  
 6.28: Tacet.  
 6.30: New Light Symphony Orchestra, "Henry VIII Dances" (German) (B2981).  
 Instrumental—Neapolitan Trio, "Herd Girl's Dream" (Labitzky) (EA44).  
 Black Diamonds Band, "The Gypsy Dance" (George) (Zonophone 5153).  
 6.43: Tacet.  
 6.45: Organ—Edward O'Henry, "Minuet in G" (Beethoven) (B2873).  
 Victor Orchestra, "Narcissus" (Nevin) (EA107).  
 String sextet—"Chant du Berger" (Galos) (Zonophone 5154).  
 Philadelphia Symphony Orchestra, "March of the Caucasian Chief" (Ippolitoff-Iwanoff) (E521).  
 6.58: Tacet.  
 7.0: News and market reports.  
 7.40: Talk—Mr. Norman Kerr, "Physical Culture."  
 8.0: Chimes.  
 8.1: Band of H.M. Grenadier Guards, "Rienzi" Overture (Wagner) (Columbia 9086).  
 8.9: Baritone—Mr. R. Richards, "Sons of the Sea" (Coleridge-Taylor).  
 8.13: Soprano—Mrs. Leonard Cronin, (a) "Little Shawl of Blue" (Hewitt); (b) "The Snowdrop" (Craxton).  
 8.20: Instrumental—Whitford-Waugh's Majestic Octet: (a) "In a Blacksmith's Shop" (Parlow); (b) "Blue Danube" (Strauss); (c) "Wedding of the Painted Doll" (Brown); (d) "Beneath Thy Window" (Di Capua); (e) "My Heaven is Home, Sweet Home" (Kerr).  
 8.35: Recital—Mr. T. Harris, "An Old Sweetheart of Mine" (Riley).  
 8.39: Pianoforte—Miss D. Binns, "Nocturne" Op. 48, No. 1 (Chopin).

- 8.43: Contralto—Miss Phyllis James, (a) "One Fleeting Hour" (Lee); (b) "Good Morning, Brother Sunshine" (Lehmann).  
 8.50: Band of H.M. Grenadier Guards, "Students' Songs" selection (Douglas) (Columbia 9202).  
 8.58: Weather report.  
 9.0: Talk—Mr. A. B. Chappell, M.A. "Topical Talk."  
 9.15: Baritone—Mr. R. Richards, (a) "So Fair a Flower" (Lohr); (b) "Lady Mine" (Lohr).  
 9.22: Instrumental—Whitford-Waugh's Majestic Octet; (a) "Blue Hour" (Davis); (b) "Laughing Trombone" (Scharf); (c) "The Swan" (Saint-Saens); (d) "From Saturday Night to Monday Morning" (Dubant); (e) "Premier Polka" (Llewellyn).  
 9.37: Recital—Mr. T. Harris: (a) "Hullo" (Foss); (b) "The Student" (Anon.).  
 9.44: Soprano—Mrs. Leonard Cronin, "Ah Figliuol! Mio Figliuol!" ("Il Profeta") (Meyerbeer).  
 9.48: Pianoforte—Miss D. Binns, (a) "Valse in A Major" (Levitzki); (b) "Prelude" (Barns).  
 9.54: Contralto—Miss P. James, "Sink, Red Sun" (Del Riego).  
 9.58: National Military Band, "Liberty Bell" (Sousa) (Columbia 1052).  
 10.3: Close down.

### 2YA, WELLINGTON (720 KILOCYCLES)—WEDNESDAY, NOVEMBER 6. (SILENT DAY.)

### 3YA, CHRISTCHURCH (980 KILOCYCLES)—WEDNESDAY, NOV. 6.

- 3.0: Afternoon session—Selected studio items.  
 4.25: Sports results to hand.  
 5.0: Children's session, conducted by Mother Hubbard and Uncle Frank.  
 6.0: Dinner session—"Parlophone" Hour:  
 Edith Lorand Orchestra, "Tales from the Vienna Woods" (Strauss) (E10624).  
 Dajos Bela Instrumental Trio, "Chant D'Atuomne" (Tschalkowsky) (E10573).  
 6.12: Tacet.  
 6.15: Dajos Bela Orchestra, "Serenade" (Moszkowski) (A4015).  
 Organ—Edward d'Evry, "Album Leaf" (d'Evry) (E10550).  
 Dajos Bela Orchestra, "Ideale" (Tosti) (A4015).  
 6.27: Tacet.  
 6.30: Edith Lorand Orchestra, "Minuet" (Boccherini) (A4108).  
 Violin—Edith Lorand, "Liebeslied" (Kreisler) (E10537).  
 Edith Lorand Orchestra, "Liebesfeier" (Weingartner) (A4040).  
 6.42: Tacet.  
 6.45: Berlin State Opera House Orchestra, "Trio" Dances (Mascagni) (AR7012).  
 Pianoforte—Karol Sereter, "Artist's Life" (Strauss) (A4082).  
 Orchestral—"Danse de la Fee Dragee" ("Casse Noisette") (Tschalkowsky) (E10517).  
 6.55: Tacet.  
 7.0: News session.  
 7.30: Addington stock market reports.  
 8.0: Chimes.  
 8.1: Studio Instrumental Octet, (a) "At the Theatre" (Foulds); (b) "Evening in the Forest" (Foulds); (c) "Fiddler's Fancy" (Foulds).  
 8.13: Soprano—Miss Thelma Ayres, "The Flower Song" ("Faust") (Gounod).  
 8.17: Flute with orchestra—John Amadio, "Flute Concerto—Andante" (Mozart) (H.M.V. C1535).  
 8.20: Baritone—Mr. Cyril Rishworth, (a) "Where the Abana Flows" (Woodforde-Finden); (b) "If in the Great Bazaars" (Woodforde-Finden).  
 8.26: 'Cello—Pablo Casals, "Prize Song" ("The Mastersingers of Nuremberg") (Wagner) (H.M.V. DB1012).  
 8.32: Mezzo-soprano—Mrs. Sen Jowett, (a) "Chi Vuol La Zingarella" (Who wants the little Gipsy) (Paisiello); (b) "Nel Cor Piu Non Mio Sento" (In heart I no more feel) (Paisiello).  
 8.38: Studio Instrumental Octet, "Dance Triste" and "Scene de L'Essayagne" ("La Fete chez Thereze") (Harm).  
 8.45: Recital—Miss Florence Brewins, "Maoriland" (Adams).  
 8.50: Tenor—Mr. W. J. Trewern, "The Flower Song" ("Carmen") (Bizet).  
 8.54: Chorus—La Scala Chorus, (a) "Ah Fosco Gielo" ("La Somnabula") (Bellini); (b) "Soldiers' Chorus" ("Faust") (Gounod) (H.M.V. B2624).  
 9.0: Weather report.  
 9.2: Studio Instrumental Octet, "Rienzi" Overture (Wagner); (b) "Xaviere—Entr'acte" (Dubois).  
 9.9: Soprano—Miss Thelma Ayres, (a) "The Blind Girl's Song" (Ponchielli); (b) "Il Racio—Waltz" (Arditi).  
 9.16: Kidiloff's Balalaika Orchestra, (a) "Shining Moon" (traditional); (b) "Song of the Volga Boatmen" (traditional) (H.M.V. EA48).  
 9.22: Baritone—Mr. Cyril Rishworth, "The White Dawn is Stealing" (Cadman).  
 9.26: Two violins—Misses Irene Morris and Florence Millar, "Suite—Nos. 2 and 3" (Moszkowski).  
 9.34: Mezzo-soprano—Mrs. Sen Jowett, (a) "Carl Luoghi" (Dear places of childhood) (Donizetti); (b) "You are my Darling" (Russian folk song).  
 9.38: Studio Instrumental Octet, (a) "Gipsy Airs" (Sarasate); (b) "Traumerl" (Schumann); (c) "Il Bacio" (Arditi).

- 9.48: Recitals—Miss Florence Brewins, (a) "The Knight's Toast" (Anon.); (b) "Greetings" (MS.).  
 9.52: Tenor—Mr. W. J. Trewern, (a) "Charming Chloe" (German); (b) "The Sultan's Daughter" (Seymour).  
 9.58: Selection—Band of H.M. Coldstream Guards, "Iolanthe" (Sullivan) (H.M.V. C1368).  
 10.2: Close down.

#### 4YA, DUNEDIN (650 KILOCYCLES)—WEDNESDAY, NOVEMBER 6

- 8.0: Town Hall chimes.  
 8.1: Afternoon session—selected gramophone items.  
 4.25: Sports results to hand.  
 5.0: Childrens session, conducted by Aunt Anita.  
 6.0: Dinner session—"Parlophone" Hour:—  
 Dajos Bela Orchestra, (a) "Sulamith" Waltz (Hansen-Milde); (b) "Minuet" (Nicholls) (E10571).  
 Dajos Bela Orchestra, "Eldgaffeln" (Landen) (A4009).  
 6.12: Tacet.  
 6.15: Frank Westfield's Orchestra, "Classica" (Arrgd. Tilsley) (A2195).  
 Organ—Sigmund Krungold, "Indian Love Call" (Friml) (A2339).  
 Dajos Bela Orchestra, "You, Only You" Waltz (Arnold) (E10592).  
 6.27: Tacet.  
 6.30: Selection—Raie da Costa Ensemble, "Funny Face" (Gershwin) (A4074).  
 Dajos Bela Orchestra, "The Sphinx" (Poppy) (E10592).  
 6.42: Tacet.  
 6.45: Orchestra Mascotte, (a) "The Flowers Dream" (Translatuer); (b) "Whispering of the Flowers" (Von Blon) (A2559).  
 Organ—Sigmund Krungold, "Gipsy Love Song" (Herbert) (A2339).  
 Dajos Bela Orchestra, "Electric Girl" (Helmburgh-Holmes) (E10571).  
 6.58: Tacet.  
 7.0: News session.  
 8.0: Town Hall chimes.  
 8.1: Relay from the Empire Theatre of the Christie Organ, played by Mr. Leslie Harvey.  
 8.15: Scottish humour—Mr. J. Paterson, (a) "Bella McGraw" (Lauder); (b) "There's the Wee White Heather Growing" (Collins).  
 8.22: Sketch—Miss Sheila Neilson and Mr. J. B. McConnell, "The Indicator" (Diontitheradge).  
 8.29: Soprano—Miss Rita Holmes, (a) "I Wandered down the Mountain Side" (Play); (b) "Last Rose of Summer" (Moore).  
 8.36: Irish reel—O'Learys Minstrels, "Turkey in the Straw" (Tradtl.) (Regal G20454).  
 8.40: Tenor—Mr. R. A. Mitchell, "Hame O' Mine" (Murdoch).  
 8.44: Pianoforte—Mrs. Ernest Drake, "Moment Musicale" (Godowsky).  
 8.48: Baritone—Mr. Ralph Martindale, (a) "The Riderless Steed" (Hussell); (b) "Tally Ho" (Leoni).  
 8.55: Accordeon solo—Jerry O'Brien, "Little Judy" (Tradtl.) (Regal G20454).  
 8.59: Weather report.  
 9.2: Soprano—Miss Rita Holmes, (a) "I Hid my Love" (d'Hardeiot); (b) "Thank God for a Garden" (Del Riego).  
 9.8: Sketch—Miss Sheila Neilson and Mr. J. B. McConnell, "The New Portia" (Diontitheradge).  
 9.15: Selection—Squire Celeste Octet, (a) "The Butterfly" (Bendix); (b) "The Grasshopper's Dance" (Bucalossi) (Columbia 3608).  
 9.19: Tenor—Mr. R. A. Mitchell, (a) "When My Ships Come Home" (Dorel); (b) "Maire My Girl" (Aitken).  
 9.25: Scottish humour—Mr. J. Paterson, "When I Met McKay" (Lauder).  
 9.28: Baritone—Mr. Ralph Martindale, "The Yeoman of England" (German).  
 9.30: "Columbia" Dance Programme:—  
 Foxtrot—Ben Selvin's Orchestra, "Broadway Melody" (Brown) (01491).  
 Foxtrot—Leo Reisman's Orchestra, "My Castle in Spain is a Shack in the Lane" (Friend).  
 Foxtrot—Broadway Nitelites, "You Were Meant for Me" (Brown) (01491).  
 Foxtrot—The Knickerbockers, "That's the Good old Sunny South" (Ager) (01544).  
 9.42: Entertainer—Norman Long, "What Did the Village Blacksmith Say?" (Squires) (01533).  
 Foxtrot—Ben Selvin's Orchestra, "He She and Me" (Lombardo) (01489).  
 Foxtrot—Paul Whiteman's Orchestra, "Louise" (Whiting) (07022).  
 Foxtrot—Ipana Troubadours, "Deep Night" (Henderson) (01539).  
 Waltz—Paul Whiteman's Orchestra, "Blue Hawaii" (Baer) (07021).  
 Waltz—Paul Whiteman's Orchestra, "My Angelina" (Wayne) (07020).  
 10.0: Vocal duet—Flotsam and Jetsam, "We Never Know What to Expect" (01530).  
 Foxtrot—Piccadilly Players, "Make Believe" (Kern) (01408).  
 Foxtrot—Jan Garber's Orchestra, "Guess Who?" (Davison) (01489).  
 Foxtrot—Piccadilly Players, "Why do I Love You?" (Kern) (01408).  
 Foxtrot—Paul Specht's Orchestra, "My Annapolis and You" (Weinberg) (01589).  
 10.15: Organ—Frederic Curzon, "For Old Times Sake" (de Sylva) (Regal G20475).  
 Foxtrot—Gil Dech's Syncopators, "My Mammy" (Lewis) (01520).

- Foxtrot—Stellar Dance Band, "If I Had You" (Shapiro) (Regal G20456).  
 Foxtrot—Reser's Syncopators, "Here Comes the Show Boat" (Rose) (01583).  
 Foxtrot—Reser's Syncopators, "Where Did You Get that Name?" (Klein) (01583).  
 10.30: Entertainer—Norman Long, "Overture 1929" (Carlton) (01533).  
 Foxtrot—Geoffrey Gelder's Kettner Five, "Shout Hallelujah, 'Cause I'm Home" (Dixon) (G20476).  
 Foxtrot—Paul Whiteman's Orchestra, "Nola" (Arndt) (07022).  
 Foxtrot—Stellar Dance Band, "How About Me?" (Berlin) (Regal G20456).  
 Foxtrot—Gelder's Gettner Five, "Happy Days and Lonely Nights" (Rose) (Regal G20476).  
 Waltz—Paul Whiteman's Orchestra, "Coquette" (Berlin) (07021).  
 10.48: Vocal duet—Flotsam and Jetsam, "When I Grow Old, Dad" (01530).  
 Foxtrot—Stellar Dance Band, "Flower of Love" (Dreyer) (Regal G20486).  
 Foxtrot—Paul Whiteman's Orchestra, "Chinese Lullaby" (Bowers) (07020).  
 Waltz—Gil Dech's Syncopators, "I'll Always be in Love With You" (Ruby) (01520).  
 Waltz—Stellar Dance Band, "Marie" (Berlin) (Regal G20486).  
 11.0: Close down.

## Thursday, November 7

#### 1YA, AUCKLAND (900 KILOCYCLES)—THURSDAY, NOVEMBER 7.

- 8.0: Afternoon session—Musical programme arranged by Messrs. Lewis Bady, Ltd.  
 4.30: Close down.  
 5.0: Children's session, conducted by Peter Pan.  
 6.0: Dinner session—"His Master's Voice" Hour:—  
 London Symphony Orchestra, "Czar Sultan" (Rimsky-Korsakov) (D1491).  
 Violin—Fritz Kreisler, "Humoreske" (Dvorak) (DB1091).  
 6.13: Tacet.  
 6.15: Organ—Reginald Foort, "Chanson" (Friml) (B2988).  
 Vocal solo with chorus—Stuart Robertson and chorus: (a) "There is a Tavern in the Town" (tradtl.); (b) "John Peel" (tradtl.) (B2992).  
 Salon Orchestra—Two Russian-Gipsy Songs, (a) "Black Eyes," (b) "Two Guitars" (B2362).  
 6.28: Tacet.  
 6.30: Picture Palace Orchestra, "La Source" Ballet Suite (Delibes): (1) Le pas des Voiles, (2) Danse Circassienne, (3) Nalla, (4) Mazurka (Zonophone 1994 and 2006).  
 Picture Palace Orchestra, "Pas des Fleurs" (Delibes) (Zonophone 2006).  
 6.43: Tacet.  
 6.45: Mayfair Orchestra, (a) "Lake Music" (Hill), (b) "Waiata Maori" (Hill) (EA266).  
 Piccadilly Orchestra, "Bird Songs at Eventide" (Coates) (B2528).  
 Band of the Garde Republicaine, "Marche Lorraine" (Ganne) (B2907).  
 6.58: Tacet.  
 7.0: Book review.  
 7.15: News and market reports.  
 8.0: Chimes.  
 8.1: Selection—1YA Studio Orchestra, "Little Dutch Girl" (Kalman).  
 8.10: Novelty—Bohemian Duo, (a) "Aloha Suneat Land" (Syme), (b) "On the Beach at Waikiki" (Drake).  
 8.17: Humour—Mr. T. T. Garland, Moments of Mirth.  
 8.23: 1YA Studio Orchestra, "Eine Kleine Nacht Musik" (Mozart): (1) Serenade, (2) Romance, (3) Minuet, (4) Rondo.  
 8.31: Pianoforte and baritone—Mr. and Mrs. W. Scott: (a) Pianoforte, "Marilyn" (Lopez); (b) solo, "Under the Skies" (Shearsby); (c) pianoforte, "Liebestraume" (Liszt); (d) "Nirvana" (Adams).  
 8.45: Novelty—Bohemian Duo, (a) "Na Lei O Hawaii" (tradtl.), (b) "Every Evening" (Brown).  
 8.52: 1YA Studio Orchestra, "Master Melodies from Famous Light Operas," Part 1 (arrgd. Roberts).  
 9.1: Weather report.  
 9.3: Talk—Mr. T. T. Garland, "A Fireside Chat."  
 9.9: Pianoforte and baritone—Mr. and Mrs. W. Scott: (a) Vocal solo, "Jogging Along the Highway" (Phillips); (b) pianoforte, "The Music Box" (Lieblich); (c) pianoforte and vocal, Foxtrot Medley (MS.).  
 9.20: 1YA Studio Orchestra, (a) "Waltz in D," Op. 79, No. 3 (Moszkowski); (b) "Cadix" (Valverde).  
 9.30: "Brunswick" Dance Programme:  
 Foxtrot—Hotel Roosevelt Orchestra, "Thl We Meet" (Davis) (4284).  
 Foxtrot—Bob Haring's Orchestra, "My Cairo Love" (Zamecnik) (4316).  
 Foxtrot—Hotel Roosevelt Orchestra, "I Kiss Your Hand, Madame" (Erwin) (4315).  
 Waltz—Hotel Roosevelt Orchestra, "Coquette" (Berlin) (4284).  
 Waltz—Biltmore Orchestra, "Chiquita" (Gilbert) (8996).  
 9.46: Vocal duet—Francis Luther and Carson Robison, "I Tore Up Your Picture When You Said Good-bye" (Morse) (4052).

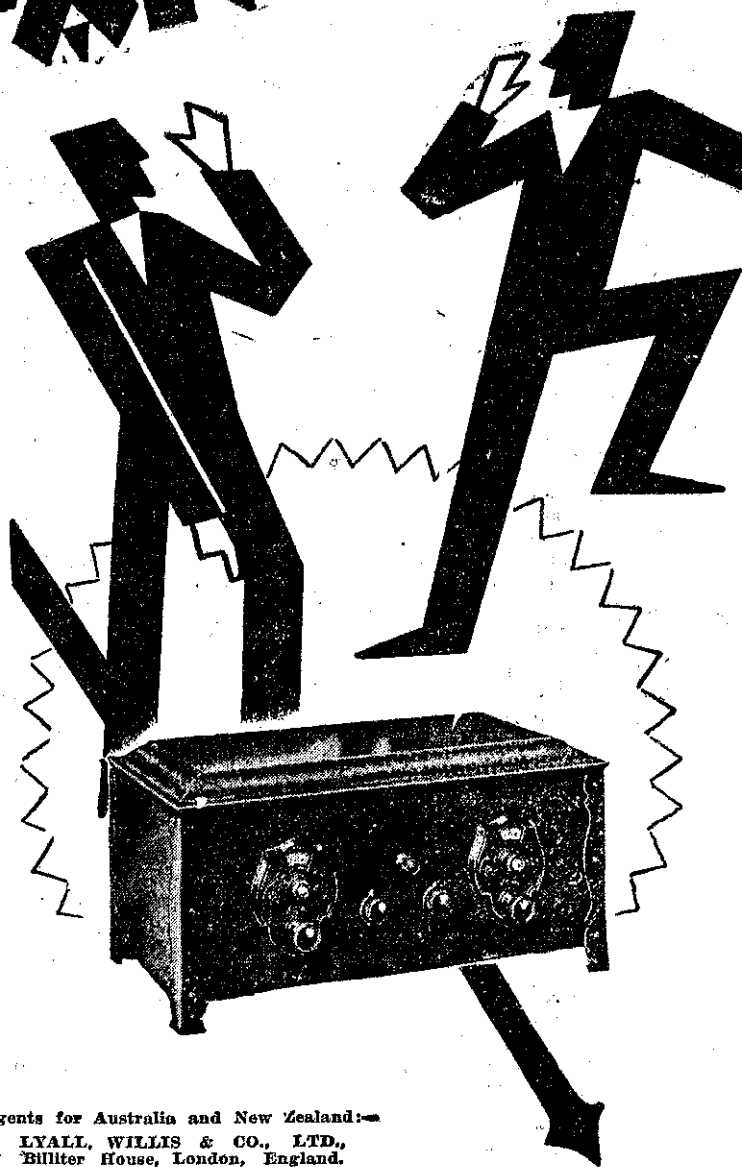


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- Foxtrot—Charlie Straight's Orchestra, "Last Night I Dreamed You Kissed Me" (Kahn) (3944).  
 Six Jumping Jacks, "Nagasaki" (Dixon) (4011).  
 Foxtrot—Brunswick Orchestra, "My Man" (Charles) (4213).  
 Waltz—All Star Entertainers, "Gipsy Love Song" (Herbert) (3974).  
**10.2** : Hanapi Trio, "Hawaiian Twilight" (Sherwood) (4039).  
 Foxtrot—Californian Orchestra, "Sweethearts on Parade" (Lombardo) (4117).  
 Foxtrot—Colonial Club Orchestra, "Avalon Town" (Clarke) (4189).  
 Foxtrot—Bob Haring's Orchestra, "Weary River" (Clarke) (4273).  
 Foxtrot—Six Jumping Jacks, "Olaf" (Gilbert) (4219).  
**10.18** : Vocal with uke-guitar, "Polly Wolly Doodle" (Wendell) (4024).  
 Waltz—Bob Haring's Orchestra, "By-and-By, Sweetheart" (Yellen) (4316).  
 Waltz—Carter's Orchestra, "Good-night" (Woods) (4069).  
 Foxtrot—Colonial Club Orchestra, "If I Had You" (Shapiro) (4189).  
 Novelty foxtrot—Anglo-Persian Orchestra, "The Toymaker's Dream" (Golden) (4299).  
**10.34** : Sandy MacFarlane, "Silly Willie" (MacFarlane) (4128).  
 Foxtrot—Bob Haring's Orchestra, "Wedding Bells" (Kahal) (4246).  
 Foxtrot—Coronado Hotel Orchestra, "A Love Tale of Alsace Lorraine" (Coots) (4144).  
 Novelty waltz—Municipal Band, "Cuckoo" Waltz (4358).  
 Foxtrot—Six Jumping Jacks, "When Sweet Susie Goes Steppin' By" (Kaufman) (4011).  
**10.49** : Ritz Quartet—"I'm Bringing a Red, Red Rose" (Kahn) (4328).  
 Foxtrot—Californian Orchestra, "My Suppressed Desire" (Cohen) (4117).  
 Foxtrot—Los Angeles Biltmore Hotel Orchestra, "Sally of My Dreams" (Kernell) (4104).  
 Foxtrot—Bennie Goodman's Boys, "Blue" (3975).  
 Foxtrot—Colonial Club Orchestra, "Lonesome in the Moonlight" (4088).  
**11.2** : Close down.

## 2YA, WELLINGTON (720 KILOCYCLES)—THURSDAY, NOVEMBER 7.

- 3.0** : Chimes of the G.P.O. clock.  
**3.1** : Studio concert of selected "H.M.V." and "Brunswick" records and "Mastertouch" Player Rolls, arranged by Messrs. Hamilton Nimmo and Sons, Ltd.  
**4.30 and 4.50** : Sports results to hand.  
**5.0** : Children's session, conducted by Uncle George.  
**6.0** : Dinner session—"Columbia" Hour:  
 Overture—Bournemouth Municipal Orchestra, "Zampa" (Herold) (02810).  
 Violin—Sascha Jacobsen, "Poupee Valsante" (Dancing Doll) (Poldini) (0793).  
 Organ—Emil Velazco, "A Perfect Day" (Jacobs-Bond) (01332).  
**6.14** : Tacet.  
**6.15** : Albert Sandler's Orchestra, "I Kiss Your Hand, Madame" (Erwin) (01467).  
 Violin—Sascha Jacobsen, "At Dawning" (Cadman) (0793).  
 Musical Art Quartet—(a) "Mighty Lak' a Rose" (Nevin); (b) "To a Wild Rose" (McDowell) (01506).  
**6.27** : Tacet.  
**6.30** : London Hippodrome Orchestra, "Hit the Deck" selection (Yommans) (02620).  
 'Cello—Gaspar Casado, "Melodie Arabe" (Glazounov) (03579).  
 Jean Lensen's Orchestra, "Love, Here is My Heart" (Silesu) (01006).  
**6.44** : Tacet.  
**6.45** : Royal Hawaiian Band, "Ne Lei O Hawaii" (King) (01361).  
 Organ—Emil Velazco, "By the Waters of Minnetonka" (Lieruance) (01332).  
 Debroy Somers' Band, "A Hunting Medley" (Arrgd. Somers) (02832).  
**7.0** : News session, market reports and sports results.  
**7.40** : Lecturette—Mr. A. J. Nicholls, Representative Hutt Valley Horticultural Society, "Gardening."  
**8.0** : Chimes of the G.P.O. clock.  
 Studio concert by the Wellington Artillery Band, under the conductorship of Captain T. Herd, and assisting artists:  
**8.1** : Overture—Band, "La Gazza Ladra" (Rossini).  
**8.9** : Tenor—Mr. Chas. Williams, "Minnelied" (Brahms).  
**8.13** : Baritone—Mr. Will Goudie, (a) "Melisande in the Wood" (Goetz); (b) "Big Lot of Sunshine" (Hodge).  
**8.20** : Morceau—Band, "Mexicali Rose" (Stone).  
 Cornet duet—Sergeant Bowman and Bandsman Houchen, "Les Perles" (Kling).  
**8.30** : Recital—Miss Margaret O'Halloran, "Queen Archidamia" (Anon.).  
**8.37** : Wurlitzer organ—Terence Casey, (a) "I'm Lonely" (Coates); (b) "Bird Songs at Eventide" (Coates).  
**8.43** : Mezzo-soprano—Miss Monica Malfroy, "Romance" (Debussy).  
**8.47** : Selection—Band, "Opera Bouquet" No. 1 (Bidgood).  
**8.59** : Weather report.  
**9.1** : Bass—Mr. W. Binet Brown, (a) "In the Name of the King" (Thorne); (b) "Lighterman Tom" (Squire).  
**9.8** : Trio (Vocal)—The Lyric, "Tell Me, Shepherds" (Mazzinghi).  
**9.12** : Waltz—Band, "Sunset on the St. Lawrence" (Heller).  
 Entr'acte—Band, "The Monk's Dream" (Lumley-Holmes).  
**9.28** : Recital—Miss Margaret O'Halloran, "At the Photographers" (Leacock).

- 9.30** : Vocal duet—Messrs. Chas. Williams and Will Goudie, "Drink to Me Only" (Trdtl.).  
**9.34** : Negro oddity—Band, "Iffa-Saffa-Dill" (Brown).  
 Fantasia—Band, "Minstrel Melodies" (Bourne).  
**9.46** : Mezzo-soprano, Miss Monica Malfroy, (a) "The Cloths of Heaven" (Dunhill); (b) "Trees" (Rasbach).  
**9.52** : Accordion—Johnny Sylvester, "Ciribiribin" (Pestalozza) (Regal G20351).  
**9.55** : Vocal quartet—The Lyric, "In Silent Mead" (Emerson).  
**9.59** : Two-step—Band, "Valencia" (Padilla).  
**10.2** : Close down.

## 3YA, CHRISTCHURCH (980 KILOCYCLES)—THURSDAY, NOVEMBER 7.

- 3.0** : Afternoon session—selected studio items.  
**4.25** : Sports results to hand.  
**5.0** : Children's session, conducted by Uncle John.  
**6.0** : Dinner session—"His Master's Voice" Hour:—  
 Vienna Philharmonic Orchestra, "Symphony No. 8 in F Major—Allegretto Scherzando" (Beethoven) (D1482).  
 Pianoforte—Mark Hambourg, "Nocturne in G Major" (Chopin) (C1307).  
 Victor Concert Orchestra, "Romance" (Tschaiakowsky) (Zonophone EF7).  
**6.12** : Tacet.  
**6.15** : Vienna Philharmonic Orchestra, "Symphony No. 8 in F Major—Tempo di Minuetto" (Beethoven) (D1482).  
 Budapest String Quartet—"Quartet in E Flat—Canzonetta" (Mendelssohn) (D1423).  
 Royal Albert Hall Orchestra, "Song of Night" (Elgar) (D1236).  
**6.27** : Tacet.  
**6.30** : Royal Albert Hall Orchestra, "Song of Morning" (Elgar) (D1236).  
 Instrumental trio—Kreisler, Kreisler and Raucheisen "Sanctissima" (Corelli, arrgd. Kreisler) (DB1166).  
 New Light Symphony Orchestra, "Scene de Ballet Marionettes" (Glazounov) (B2754).  
**6.42** : Tacet.  
**6.45** : Royal Opera Orchestra, "Peer Gynt Suite—Morning" (Grieg) (C1298).  
 Violin—Heifetz, "On Wings of Song" (Mendelssohn) (DB283).  
 Royal Opera Orchestra, "Peer Gynt Suite—Death of Ase" (Grieg) (C1298).  
**6.55** : Tacet.  
**7.0** : News session.  
**7.30** : Lecturette by Mr. Robt. McPherson, "Co-operative Marketing of Wheat" (Arranged by 3YA Primary Productions Committee).  
**8.0** : Chimes—"Scottish" Concert.  
**8.1** : Overture—Studio Instrumental Octet, under the conductorship of Mr. Harold Beck, "The Thistle" (Arrgd. Myddleton).  
**8.9** : Bass solo and quartet—Mr. Jas. Filer and Grand Opera Quartet, "Scots Wha' Hae" (Trdtl.).  
 Mezzo-contralto—Miss Mavis Spiller, "The Blue Bells of Scotland" (Trdtl.).  
**8.17** : Studio Instrumental Octet, (a) "Lassie Valse" (Hesse); (b) "Scots Airs" (Myddleton).  
**8.23** : Tenor—Mr. Ernest Rogers, "Mary" (Richardson).  
**8.27** : Cello—W. H. Squire, "Slumber Song" (Squire) (Columbia LI759).  
**8.31** : Tenor and bass duet—Grand Opera Duo, "Row Weel, My Boatie, Row Weel" (Smith).  
**8.35** : Bagpipes—Pipe Major Wm. Ross, (a) "Mrs. J. McColl" (March); (b) "The Piper's Bonnet" (Strathspey); (c) "Cameronian Rant" (Reel) (Trdtl.) (Parlophone A2320).  
**8.38** : Soprano—Madame Gower-Burns, "Loch Lomond" (Trdtl.).  
**8.42** : Studio Instrumental Octet, (a) "Keltic Lament" (Foulds) ('Cello soloist, Mr. Harold Beck); (b) "John Anderson" (Arrgd. Lake).  
**8.50** : Vocal quartet—Grand Opera Quartet, "Will Ye No Come Back Again" (Trdtl.).  
**8.55** : Medley of Scottish Melodies—Band of H.M. Grenadier Guards, "Sir Harry Lauder" (Medley (Lauder) (Columbia 02750).  
**9.0** : Weather report.  
**9.2** : Studio Instrumental Octet—"Highland Laddies" (Arrgd. Seredy).  
**9.10** : Bass solo—Mr. James Filer, "Bonnie Dundee" (Trdtl.).  
 Vocal quartet—Grand Opera Quartet, "Ye Banks and Braes O' Bonnie Doon" (Trdtl.).  
**9.18** : Bagpipes—Pipe Major Wm. Ross, (a) "Caledonian Society of Winnipeg" March; (b) "The Glengarry Gathering" March (Trdtl.) (Parlophone A2320).  
**9.24** : Mezzo-contralto, Miss Mavis Spiller, "Robin Adair" (Trdtl.).  
**9.28** : Cinema organ—Terence Casey, "Annie Laurie" (Arrgd. Casey) (Columbia 02842).  
**9.32** : Tenor—Mr. Ernest Rogers, "My Love is Like a Red, Red Rose" (Quilter).  
**9.36** : Studio Instrumental Octet, (a) "Coronach" (A Highland lament) (Barratt); (b) "Hail to the Chief" (Arrgd. Lake).  
**9.42** : Soprano and mezzo-contralto duet—Grand Opera Duo, "O Wert Thou in the Cauld Blast" (Trdtl.).  
 Vocal quartet—Grand Opera Quartet, "Wi' Hundred Pipers an Aw" (Trdtl.).  
**9.50** : Patrol—Band of the Royal Air Force, "Wee Macgregor" (Amers) (Regal G20479).

9.56: Grand Opera Quartet, "For Auld Lang Syne" (Trdtl.).  
10.0: Close down.

**4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, NOVEMBER 7.**  
SILENT DAY.

## Friday, November 8

**1YA, AUCKLAND (900 KILOCYCLES)—FRIDAY, NOVEMBER 8.**

3.0: Afternoon session—Selected studio items.  
4.0: Literary selection by the Announcer.  
4.8: Studio items.  
4.25: Sports results to hand.  
5.0: Children's session, conducted by Nod and Aunt Jean.  
6.0: Dinner Session—"Columbia" Hour:  
Orchestre Symphonique de Paris, "Norwegian Rhapsody" (Lalo) (02891).  
Pianoforte—Ignaz Friedman, "Minuetto" (J. Suk) (04346).  
6.13: Tacet.  
6.15: Capet String Quartet, "Quartet in A Major" (Beethoven); (a) "Allegro"; (b) "Minuet" (03647/8).  
6.28: Tacet.  
6.30: Capet String Quartet, "Quartet in A Major" (Beethoven); (a) "Andante Cantabile"; (b) "Allegro" (03649/50).  
6.43: Tacet.  
6.45: B.B.C. Wireless Military Band, "Dance of the Tumblers" ("The Snow Maiden") (Rimsky-Korsakov) (02893).  
Berlin State Orchestra, "Wiener Blut" waltz (Strauss) (04337).  
6.57: Tacet.  
7.0: News and market reports.  
8.0: Chimes.  
8.1: Relay of concert from Lewis Eady Hall.  
8.30: Studio concert:  
Contralto—Miss E. Peace, "In Autumn" (Franz).  
8.34: Baritone—Mr. Hartley Warburton, (a) "Love is Mine" (Gartner); (b) "By the Sea" (Schubert).  
8.41: Studio Trio—"Trio in B Flat, Op. 11—Adagio" (Beethoven).  
8.50: Tenor—Mr. A. L. Macpherson, (a) "An Island Shelling" (Kennedy Fraser); (b) "An Eriskay Love Lilt" (Kennedy Fraser).  
8.57: Weather report.  
9.0: Contralto—Miss E. Peace, (a) "The Early Morning" (Peel); (b) "O Ship of My Delight" (Phillips).  
9.7: Cello—Miss Mollie Wright, "Suite in G Major" (Bach).  
9.11: Baritone—Mr. H. Warburton, "The Lute Player" (Allitsen).  
9.15: Studio Trio, "Scherzo—Trio Op 99" (Schubert).  
9.23: Tenor—Mr. A. L. Macpherson, "Beyond the Stars" (Graske-Day).  
9.27: Gramophone Lecture-Recital, "Springtime in Music," by Mr. Karl Atkinson:  
New Light Symphony Orchestra, "Spring Song" (Mendelssohn) (Zonophone EF111).  
Pianoforte—Karol Szreter, "Voices of Spring" waltz (Strauss) (Parlophone 4043).  
Violin and piano—Erica Morini and N. Schwalb, "Spring-Sonata in F Major" (Beethoven) (EC2).  
Vocal duet—Dora Labette and Norman Allin, "In Springtime" (Newton) (Columbia 01101).  
Pianoforte duo—Fairchild and Rainger, "To Spring" (Grieg) Brunswick 3976).  
Berlin State Opera House Orchestra, "Rustle of Spring" (Sinding) (Parlophone 2735).  
10.0: Close down.

**3YA, WELLINGTON (720 KILOCYCLES)—FRIDAY, NOVEMBER 8.**

3.0: Chimes of the G.P.O. clock.  
3.1: Selected gramophone items.  
4.30 and 4.50: Sports results to hand.  
5.0: Children's session, conducted by Big Brother Jack.  
6.0: Dinner session—"Parlophone" Hour:  
Overture—Berlin State Opera House Orchestra, "The Magic Flute" (Mozart) (A5011).  
Waltz—Dajos Bela Orchestra, "Gypsy Love" (Lehar) (A4080).  
6.12: Tacet.  
6.15: Selection—Frank Westfield's Orchestra, "Merrie England" (German) (A2528).  
Violin—Andreas Weissgerber, "Zigeunerweisen" Op. 20 (Sarasate) (A4105).  
Waltz—Dajos Bela Orchestra, "You and You" (Strauss) (A4080).  
6.29: Tacet.  
6.30: Opera Comique Orchestra, "Manon—Ballet Music" (Massenet) (A4104).  
Grand Symphony Orchestra, "Tales of Hoffman—Entr'acte and Minuet" (Offenbach) (A4061).  
6.42: Tacet.  
6.45: Dajos Bela Orchestra, "La Traviata" Fantasia (Verdi) (A4027).  
Grand Symphony Orchestra, "Barcarolle" ("Tales of Hoffman" (Offenbach) (A4061).  
6.57: Tacet.  
7.0: News session, market reports and sports results.  
7.40: Lecturette—Mr. R. Howard Taylor, "Care of the Feet."  
8.0: Chimes of the G.P.O. clock.  
8.1: Relay from Palmerston North of the musical comedy "High Jinks" (Friml), by the Palmerston North Amateur Operatic Society.  
Close down.

**3YA, CHRISTCHURCH (980 KILOCYCLES)—FRIDAY, NOVEMBER 8.**

3.0: Afternoon session—selected gramophone items.  
4.25: Sports results to hand.  
5.0: Children's session, conducted by "Storyman."  
6.0: Dinner session—"His Master's Voice" Hour:—  
International Concert Orchestra, "La Spagnola" (di Chiara) (Zonophone EF15).  
Wurlitzer organ—Reginald Foort, "By the Blue Hawaiian Waters" (Ketelbey) (C1459).  
International Concert Orchestra, "Luxembourg Waltz" (Lehar) (Zonophone EF9).  
6.12: Tacet.  
6.15: Salon Orchestra, "Glow Worm Idyll" (Lincke) (B2169).  
Kane's Hawaiians, "Drowsy Waters" (Ailan) (Zonophone 2992).  
Salon Orchestra, "Serenade" (Toselli) (EA358).  
Hawaiian—Kane's Hawaiians, "Hilo Hawaiian March" Ailan) (Zonophone 2992).  
6.27: Tacet.  
6.30: Spanish Serenade—New Light Symphony Orchestra, "Spanish Serenade" (Bizet) (B2584).  
Violin—Marjorie Hayward, "Angel's Serenade" (Braga) (B2534).  
Piccadilly Orchestra, "None but the Weary Heart" (Tchaikowsky) (B2857).  
Violin—Marjorie Hayward, "Canzonetta" (d'Ambrosio).  
6.42: Tacet.  
6.45: Chicago Symphony Orchestra, "Roses of the South" (Strauss) (D1452).  
Cello—Lauri Kennedy, (a) "Cradle Song" (Brahms); (b) "Songs My Mother Taught Me" (Dvorak).  
National Symphony Orchestra, "Bohemian Girl" selection (Zonophone A340).  
6.55: Tacet.  
7.0: News session.  
8.0: Chimes.  
8.1: Dajos Bela Orchestra, "Gipsy Love" (Lehar) (Parlophone A4080).  
8.9: Vocal quartet—Valencia Quartet, "Come Back to Erin" (Claribel).  
8.12: Novelty pianoforte solo—Miss Rae da Costa, "Do That Heebie Jeeb" (Du Pont) (Parlophone A2488).  
8.15: Soprano—Mrs. Lucy O'Brien, "Laugh and Sing" (Drummond).  
8.18: Violin—Miss Irene Morris, "Serenade" (Ethel Barns).  
8.22: Bass song—Mr. E. J. Johnson, "Home Along" (Sanderson).  
8.27: Dance music—Bailey Marston Dance Orchestra, (a) "You Were Meant for Me" (Brown); (b) "Broadway Melody" (Brown).  
8.35: Tenor—Mr. T. G. Rogers, "Alice, Where Art Thou?" (Ascher).  
8.39: 3YA Broadcasting Trio, (a) "Syncopation" (Kreisler); (b) "Viennese March" (Kreisler); (c) "Petit Bolero" (Ravina).  
8.49: Recital—Mr. James Laurensen, "The English Cup Final" (Shields).  
8.56: Steel-guitar, violin and piano—Kailli, Scott, O'Neill, "Russian Lullaby" (Rose) (Parlophone A2405).  
9.0: Weather report.  
9.2: Dance music—Bailey-Marston Dance Orchestra, (a) "Louise" (Robin); (b) "I Wanna Go Places and do Things" (Whiting).  
9.10: Soprano and contralto duet—Violetta Duo, "When Song is Sweet" (Sans-Souci).  
9.14: 3YA Broadcasting Trio, (a) "Waltz" (Carse); (b) "Serenade" (Leibe).  
9.22: Mixed vocal quartet—Valencia Quartet, "It Was the Time of Roses" (Robertson).  
Soprano—Mrs. Lucy O'Brien, "Love's a Merchant" (Molly Carew).  
9.28: Dance music—Bailey Marston Dance Orchestra, (a) "Blossoms" (Dietrick); (b) "The One that I Love Loves Me" (Berlin).  
9.36: Bass—Mr. E. J. Johnson, "The Dover Patrol" (Carrington).  
Contralto—Miss Mary Taylor, "I Heard You Singing" (Coates).  
9.42: Vibraphone novelty—Rudy Star Three, "Diane" (Rapee) (Parlophone A2548).  
9.45: Tenor—Mr. T. G. Rogers, "Good Company" (Adams).  
9.49: Dance music, Bailey-Marston Dance Orchestra, (a) "Dream Mother" (Burke); (b) "Old Man Sunshine" (Warren).  
9.57: Humorous recital—Mr. Jas. Laurensen, "Nell" (Bennett).  
10.3: Tenor and bass duet—Toledo Duo, "Love and War" (Cook).  
Vocal quartet—Valencia Quartet, "The Parting Kiss" (Pinsuti).  
10.10: Dance music—Bailey-Marston Dance Orchestra, (a) "All by Yourself in the Moonlight" (Wallis); (b) "The Sun is at My Window" (Young).  
The Bailey-Marston Dance Orchestra will continue until 11 p.m. with the following and other dance numbers:  
"That's What put the Sweet in Home, Sweet Home" (Newman).  
"One Alone" (Romborg).  
"Ten Little Miles from Town" (Kahn).  
"What D'ya Say?" (Henderson).  
11.0: Close down.

## 4YA, DUNEDIN (650 KILOCYCLES)—FRIDAY, NOVEMBER 8.

- 3.0 : Town Hall chimes.  
 3.1 : Selected gramophone items.  
 4.25 : Sports results to hand.  
 5.0 : Children's session, conducted by Aunt Sheila.  
 6.0 : Dinner session—"His Master's Voice" Hour:  
 Overture—Berlin State Opera Orchestra, "The Magic Flute" (Mozart) (E464).  
 Royal Opera Orchestra, "Hungarian Dance No. 5 in F Sharp Minor" (Brahms) (C1415).  
 Grand organ—Arthur Meale, "Simple Aveu" (Thome) (Zonophone 5162).  
 6.13 : Tacet.  
 6.15 : New Light Symphony Orchestra, "Peer Gynt Suite" No. 2 (Grieg):  
 (1) Ingrid's Lament, (2) Arabian Dance (C1571).  
 Violin—Erica Morini, "Romanza Andaluza" (Sarasate) (D1445).  
 6.27 : Tacet.  
 6.30 : New Light Symphony Orchestra, "Peer Gynt Suite" No. 2 (Grieg):  
 (1) Return of Peer Gynt, (2) Solveig's Song (C1572).  
 Violin—Erica Morini, "Introduction and Tarantelle" (Sarasate) (D1445).  
 6.42 : Tacet.  
 6.45 : Marek Weber's Orchestra, "Vienna by Night" (Komzak) (C1507).  
 Cello—Lauri Kennedy, "Hungarian Rhapsody" (Popper) (C1595).  
 6.57 : Tacet.  
 7.0 : News session.  
 8.0 : Town Hall chimes.  
 8.1 : Instrumental quintet, (a) "The Flying Dutchman" Overture (Wagner), (b) "Adagio—Moonlight Sonata" (Beethoven).  
 8.11 : Soprano—Miss Eva Scott, (a) "Flowers of the Forest" (trdtl.), (b) "Cradle Song" (Schubert).  
 8.18 : Cello—Lauri Kennedy, "Old Scotch Melody" (arrgd. Kennedy) (H.M.V. C1618).  
 8.22 : Recital—Mr. Carl Moller, "Wolsey's Speech" (Henry VIII.—Shakespeare).  
 8.26 : Virtuoso Instrumental Trio, (a) "Menuet" ("Military Symphony") (Haydn), (b) "To Spring" (Grieg).  
 8.34 : Bass—Mr. Norman G. Lennon, "Prince Ivan's Song" (Moussorgsky).  
 8.38 : Instrumental Quintet, "A Midsummer Night's Dream" Fantasia (Fluck).  
 8.49 : Contralto—Miss Mary Somerville, (a) "Like to a Damask Rose" (Elgar), (b) "Soul of Mine" (Barnes).  
 8.56 : Grand organ—Edwin H. Lemare, "Traumerel" (Schumann) (H.M.V. C1453).  
 9.0 : Weather report.  
 9.2 : Instrumental Quintet—"Hyde Park" Suite (Jalowiez): (a) "La Promenade," (b) "A Cheval," (c) "Dur Le Lac," (d) "Around the Bandstand."  
 9.14 : Soprano—Miss Eva Scott, "With Verdure Clad" (Haydn).  
 9.20 : Cello—Lauri Kennedy, "Londonderry Air" (arrgd. Kennedy) (H.M.V. C1618).  
 9.24 : Recital—Mr. Carl Moller, "The Storming Party" (Doyle).  
 9.28 : Virtuoso Instrumental Trio, "Trio in E Flat—Scherzo" (Schubert).  
 9.38 : Bass—Mr. Norman G. Lennon, (a) "Dreams of Dusk" (D'Hardelot), (b) "Bois Epais" (Lully).  
 9.45 : Organ—Edwin H. Lemare, "Andantino in D Flat" (Lemare) (H.M.V. C1453).  
 9.49 : Contralto—Miss Mary Somerville, "Hushed Is My Lute" (Phillips).  
 9.53 : Instrumental Quintet, "Selection of Montague Phillips's Songs."  
 10.0 : Close down.

## Saturday, November 9

## 1YA, AUCKLAND (900 KILOCYCLES)—SATURDAY, NOVEMBER 9.

- 3.0 : Afternoon session—Selected studio items.  
 4.0 : Literary selection by the Announcer.  
 4.8 : Studio items.  
 4.25 : Sports results to hand.  
 5.0 : Children's session, conducted by Cinderella.  
 6.0 : Dinner session—"Columbia" Hour:  
 J. H. Squire Celeste Octet, "Everybody's Melodies" (arrgd. Squire) (02896).  
 Organ—Quentin MacLean, "Flower of Love" (Axt) (01572).  
 6.12 : Tacet.  
 6.15 : Hawaiian—Milford's Hawaiian Players, "Hawaiian Hotel" (Nainas) (Regal G20549).  
 Regimental Band of H.M. Grenadier Guards, "Fantasia on 17th Century Music" (arrgd. Miller) (02890).  
 6.27 : Tacet.  
 6.30 : Organ—Terance Casey, "Devotion" (Ketelbey) (01633).  
 Musical Art Quartet, "Serenade" (Herbert) (01625).  
 Pianoforte duet—Jean Wiener and Clement Doucet, "Can't Help Loving Dat Man" (Kern) (01563).  
 Romani's Italian Orchestra, "The Midnight Waltz" (Regal G20488).  
 6.43 : Tacet.  
 6.45 : Saxophone—Chester Hazlett, "To a Wild Rose" (Macdowell) (01627).  
 Ray Starita's Ambassador's Band, "The Five O'Clock Girl" (Kalmar) (02886).

- 6.57 : Tacet.  
 7.0 : News, market reports and sports results.  
 8.0 : Chimes.  
 8.1 : Selection—1YA Studio Orchestra, "Maritana" (Wallace, arrgd. Ritter).  
 8.11 : Baritone—Mr. F. Baker, "Brian of Glenaar" (Graham).  
 8.15 : Banjo—Olly Oakley, "Coloured Major" (Regal G6202).  
 8.18 : 1YA Studio Orchestra, (a) "A Motor Ride" (Bidgood); (b) "The Drummer's Birthday" (Smith).  
 8.27 : Organ—Marsh McCurdy, "Are You Happy?" (Columbia 01184).  
 8.30 : Humour—Mr. Dan Flood, "Mirthful Moments".  
 8.36 : 1YA Studio Orchestra, "Two Old French Dances" (Bombie): (a) "Minnet A La Princesse," (b) "Petit Cœur."  
 8.44 : Novelty sketch—The Four Originals, "Oh, Millie" Series (Original).  
 9.14 : Weather report.  
 9.17 : Baritone—Mr. F. Baker, (a) "Hats off to the Stoker" (Stuart); (b) "Border Ballad" (Cowen).  
 9.23 : 1YA Studio Orchestra, "William Tell" Ballet Music (Rossini, arrgd. Godfrey).  
 9.33 : Humour—Mr. D. Flood, "More Moments of Mirth".  
 9.39 : Banjo—Olly Oakley, "Sweet Jasmine" (Heese) (Regal G6202).  
 9.42 : Novelty—Comedy Sketch Company, "Crossing the Line" (Müller and Grey) (Columbia 01223).  
 9.50 : 1YA Studio Orchestra, Latest Novelties.  
 10.0 : "His Master's Voice" Dance Programme:  
 Foxtrot—Rhythmic Eight, "You Don't Like It, Not Much" (Kahn) (Zonophone EE96).  
 Foxtrot—Jack Hylton's Orchestra, "Up in the Clouds" (Ruby) (B5612).  
 Foxtrot—Geo. Olsen's Music, "A Garden in the Rain" (Gibbons) (EA569).  
 Tango—Hamp's Kentucky Serenaders, "Mia Bella Rosa" (Koehler) (EA545).  
 10.12 : Comedian—Chick Endor, "What a Day" (Woods) (EA577).  
 Waltz—Reisman's Orchestra, "When You Come to the End of the Day" (EA581).  
 Waltz—Bert Firman's Dance Orchestra, "Sunset Down in Somerset" (Zonophone EE96).  
 Foxtrot—Jack Hylton's Orchestra, "Thinking of You" (Ruby) (B5612).  
 Foxtrot—George Olsen's Music, "Dream Mother" (Lewis) (EA569).  
 10.27 : Baritone—Willard Robison, "If I Had You" (Shapiro) (Zonophone EF148).  
 Foxtrot—Connecticut Yankees, "S'posing" (Razaf) (EA582).  
 Foxtrot—Connecticut Yankees, "Every Moon's a Honeymoon" (Wimbrow) (EA581).  
 Foxtrot—Nat Shilkret's Orchestra, "The Things that were Made for Love" (Tobias) (EA555).  
 Waltz—Victor Arden and Phil Ohman's Orchestra, "Twelve O'Clock Waltz" (EA557).  
 Waltz—International Novelty Orchestra, "Emperor" (Strauss) (Zonophone EF22).  
 10.46 : Baritone—Peter Dawson, "Hinton, Dinton and Mere" (Holiday) (B2936).  
 Foxtrot—Connecticut Yankees, "The One in the World" (Little) (EA582).  
 Foxtrot—Leo Reisman's Orchestra, "Josephita" (Klages) (EA545).  
 Foxtrot—Nat Shilkret's Orchestra, "The Lonesome Road" (EA562).  
 11.0 : Close down.

## 2YA, WELLINGTON (720 KILOCYCLES)—SATURDAY, NOVEMBER 9.

- 3.0 : Chimes of the G.P.O. clock.  
 3.1 : Selected gramophone items.  
 4.30 and 4.50 : Sports results to hand.  
 5.0 : Children's session, conducted by Uncle Toby and Aunt Gwen.  
 6.0 : Dinner session—"His Master's Voice" Hour:  
 Jack Hylton's Orchestra, "Melodious Memories" (Finck) (C1575).  
 Banjo—Mario de Pietro, "Frisolous Joe" (Pietro) (B2820).  
 Organ—Jesse Crawford, "When Summer is Gone" (Harrison-Wilhite) (EA521).  
 6.14 : Tacet.  
 6.15 : New Mayfair Orchestra, (a) "This Year of Grace" (Coward); (b) "Ah! Sweet Mystery of Life" (Herbert) (EB37).  
 Black Diamonds Band, "In a Clockmaker's Shop" (Orth) (Zonophone 5274).  
 6.26 : Tacet.  
 6.30 : Jack Hylton's Orchestra, "When the White Elder Tree Blooms Again" (Doelle) (C1616).  
 Mandolin—Mario de Pietro, "Concert Mazurka" (Calcece) (B2820).  
 Black Diamonds Band, "The Whistler and His Dog" (Pryor) (Zonophone 5274).  
 Instrumental Novelty Quartet, "Cuckoo Waltz" (Jonassan) (Zonophone E67).  
 6.43 : Tacet.  
 6.45 : New Mayfair Orchestra, "Show Boat" (Kern) (C1513).  
 International Concert Orchestra, "My Treasure" (Becucci) (Zonophone EF15).  
 6.57 : Tacet.  
 7.0 : News session, market reports and sports results.  
 7.40 : Lecture—Miss Inez Connop, "Dancing."  
 8.0 : Chimes of the G.P.O. clock.  
 Special programme by the Wellington Fifty Club.



- 8.1 : Overture—2YA Salon Orchestra, under the conductorship of Mr. M. T. Dixon, "Crown of Diamonds" (Auber).  
 8.9 : Tenor—Mr. J. Hines, "Maire, My Girl" (Aitken).  
 8.13 : Comic song—Mr. Rob Roberts, "Now You're Married I Wish You Joy" (Wincott and Leighton).  
 8.17 : Baritone—Mr. Wilbur Davies, "The Fortune Hunter" (Willeby).  
 8.20 : Musical comedy selection—2YA Salon Orchestra, "Sunny" (Kern).  
 8.28 : Humour—Mr. Rose Williams, "The Photo of the Girl I Left Behind" (Merson).  
 8.32 : Impersonator—Mr. W. T. Brown, "Character story of an Antarctic Celebrity" (Original).  
 8.37 : Tenor—Mr. Jack Bryant, "Down in the Vale" (Moir).  
 8.40 : Instrumental—Fomeen Trio, "Oriental One-Step" (Fomeen) (Zonophone EE162).  
 8.43 : Monologue—Mr. A. R. Brokenshire, "How We Saved the Barge" (Williams).  
 8.47 : Baritone—Mr. Douglas Hislop, "Waiata Poi" (Hill).  
 8.50 : Comedy duo—Laurie and Jack, "My Two Bob" (Original).  
 8.54 : Instrumental—2YA Salon Orchestra, Request Number.  
 9.2 : Weather report.  
 9.4 : Baritone—Mr. K. Rigby, "The Dawn" (D'Hardelot).  
 9.8 : Tenor—Mr. J. Hines, "Here in the Quiet Hills" (Carne).  
 9.11 : Selection—2YA Salon Orchestra, "Maid of the Mountains" (Simpson).  
 9.19 : Comic song—Mr. Rob Roberts, "How the, Who Yer Goin' to Wet Yer Whistle?" (MS.).  
 9.23 : Baritone—Mr. Wilbur Davies, "The Bandolero" (Stuart).  
 9.26 : Popular song—Mr. Ross Williams, "My Beauty's Due" (Von Tilzer).  
 9.29 : Wurlitzer organ—Reginald Foort, "Chanson" (Friml) (H.M.V. B2988).  
 9.32 : Tenor—Mr. Jack Bryant, "The Blind Ploughman" (Clarke).  
 9.35 : Humour—Mr. Laurie Sweetapple in a little original humour.  
 9.40 : Accordeons—Fomeen Brothers, "Rhapsody in Blue" Excerpts (Gershwin) (Zonophone EE162).  
 9.43 : Baritone—Mr. K. Rigby, "Mate o' Mine" (Elliott).  
 9.46 : Concerted—The Company, "Auld Lang Syne" (traditional).  
 9.50 : Instrumental—2YA Salon Orchestra, Dance Novelties.  
 10.0 : "His Master's Voice" Dance Programme:  
 Foxtrot—Nat Shilkret's Orchestra, "I'm Crazy Over You" (Sherman) (EA580).  
 Foxtrot—Arnheim's Orchestra, "This is Heaven" (Yellen) (EA583).  
 Foxtrot—Nat Shilkret's Orchestra, "The Lonesome Road" (Austin) (EA562).  
 Waltz—Gus Arnheim's Orchestra, "Sleepy Valley" (Hanley) (EA583).  
 10.12 : Humour—Gracie Fields, "EE, by Gum!" (Flynn) (EA563).  
 Foxtrot—Arcadians Dance Orchestra, "I Must be Dreaming" (Flaherty) (Zonophone 5308).  
 Foxtrot—Rudy Vallee's Orchestra, "I'm Just a Vagabond Lover" (Vallee) (EA580).  
 Waltz—Arcadians Dance Orchestra, "Aloma" (Lewis) (Zonophone 5309).  
 Waltz—Waring's Pennsylvanians, "I'll Always be in Love with You" (Stept) (EA559).  
 10.31 : Wurlitzer organ—Jesse Crawford, "I Love to Hear You Singing" (Granville) (EA585).  
 Foxtrot—Arcadians Dance Orchestra, "Somewhere in Hawaii" (Nelson) (Zonophone 5308).  
 Foxtrot—Rudy Vallee's Orchestra, "Every Moon's a Honeymoon" (Wimbrow) (EA581).  
 Foxtrot—Nat Shilkret's Orchestra, "Susanna" (Williams) (EA562).  
 Waltz—Leo. Reisman's Orchestra, "When You Come to the End of the Day" (Kahn) (EA581).  
 10.45 : Sporting summary.  
 11.0 : Close down.

### 3YA, CHRISTCHURCH (980 KILOCYCLES)—SATURDAY, NOVEMBER 9.

- 3.0 : Afternoon session—selected gramophone items.  
 4.25 : Sports results to hand.  
 5.0 : Children's session, conducted by "Aunt Pat" and "Brother Bill."  
 6.0 : Dinner Session—"Columbia" Hour:  
 Columbia Symphony Orchestra, "March of the Toys" (Herbert) (02651).  
 Wurlitzer organ—Terence Casey, "Keys of Heaven" (with variations) (Casey) (02842).  
 Eddie Thomas' Collegians, "Beautiful Ohio" Waltz (Earl) (02651).  
 6.12 : Tacet.  
 6.15 : Plaza Theatre Orchestra, "Belle of New York" (Kerker) (G30016).  
 Organ—G. T. Pattman, (a) "Kashmiri Song" (Woodforde-Finden);  
 "Till I Wake" (Woodforde-Finden) (02696).  
 6.27 : Tacet.  
 6.30 : Waltz—The Columbians, "Pagan Love Song" (Brewer) (01585).  
 Saxophone—Andu Sanella, "Aileen" (Sanella) (01886).  
 Accordion—Johnnie Sylvester, "Mighty Lak' a Rose" (Nevin) (Regal G20352).  
 Waltz—The Columbians, "Christina" (Gottler) (01585).  
 6.42 : Tacet.  
 6.45 : Plaza Theatre Orchestra, "The Busy Bee" (Bendix) (01438).  
 Hawaiian guitar duet—"Hawaiian Hotel" (Nainas) (Regal G7667).  
 Wurlitzer organ—Stanley McDonald, "The Rosary" (Nevin) (Regal G20391).  
 J. H. Squire Celeste Octet, "Amoureuse" (Berger) (3643).  
 6.55 : Tacet.

- 7.0 : News session.  
 7.30 : Sports results to hand.  
 8.0 : Chimes.  
 8.1 : Overture—Paul Whiteman's Orchestra, "Rhapsody in Blue" (Gershwin) (H.M.V. C1395).  
 Opening chorus—"Goodevening" (MS.).  
 Recital—"Lord Luv-em" (Hastings).  
 Soprano solo—"My Hero" (Strauss).  
 Bass solo—"Eriskay Love Lilt" (Fraser).  
 Sketch—"Just Like a Woman" (French).  
 Vocal quartet—"Drink to Me Only" (Knight).  
 Selection—De Groof's Orchestra, "The Waltz Dream" (Strauss) (H.M.V. B2684).  
 Pianoforte duet—"Nola" (Arndt).  
 Tenor—"Laugh and Sing" (Drummond).  
 Recital—"The Eyeglass Cowboy" (Crossley).  
 Vocal concerted—"She's Got a Great Big Army" (Nelson).  
 Park Central Hotel Orchestra, "Louise" (Robin) (H.M.V. EA543).  
 Contralto—"Haven of Dreams" (MS.).  
 Weather report.  
 Sketch—"Coming Events" (French).  
 Pianoforte duet—"Fashionette" (Gigon).  
 Tenor solo—"Tis the Day" (Leoncavallo).  
 Recital—"The Wedding Day" (MS.).  
 Vocal concerted—"Misery Farm" (Wallis).  
 Instrumental—"Garden in the Rain" (Gibbons) (H.M.V. EA569).  
 Sketch—"The Past" (French).  
 Contralto—Gordon, "A Fat Lil' Fella" (Gordon).  
 Vocal quartet—"Merrie England" (German).  
 Recital—"Wedding Whispers" (MS.).  
 Jack Hylton's Orchestra, "The Toymaker's Dream" (Golden) (H.M.V. EA578).  
 Bass—"The Settling Sun" (Peel).  
 Final—"When Summer is Gone" (Wilhite).  
 10.0 : "Brunswick" Dance Programme:  
 Foxtrot—The Captivators, "Building a Nest for Mary" (Rose) (4321).  
 Foxtrot—Copley Plaza Orchestra, "Dream Mother" (Lewis) (4323).  
 Foxtrot—Bob Haring's Orchestra, "S'posin'" (Razaf) (4382).  
 Waltz—Biltmore Hotel Orchestra, "Love Boat" (Brown) (4232).  
 10.12 : Vocal—Ritz Quartet, "I'm Bringing a Red, Red Rose" (Kahn) (4328).  
 Foxtrot—Clevelanders, "Honey" (Simons) (4205).  
 Foxtrot—Stafford's Orchestra, "A Precious Little Thing Called Love" (Davis) (4249).  
 Foxtrot—Rubinoff's Orchestra, "A Garden in the Rain" (4344).  
 Waltz—Regent Club Orchestra, "My Dear" (Kahn) (4370).  
 Waltz—Rubinoff's Orchestra, "Blue Hawaii" (Baer) (4344).  
 10.30 : U.S. Military Academy Band, "Rapaz Band March" (Sweeley) (4006).  
 Foxtrot—Brunswick Orchestra, "My Man" (Baer) (4213).  
 Foxtrot—Copley Plaza Orchestra, "Old-Fashioned Lady" (Silver) (4323).  
 Foxtrot—Colonial Club Orchestra, "You and I in the Moonlight" (Jerome) (4382).  
 Waltz—Regent Club Orchestra, "Sleepy Valley" (Sterling) (4370).  
 10.45 : Piano and trumpet—Lee Sims, "Caressing You" (Klages) (4339).  
 Foxtrot—Colonial Club Orchestra, "Walking with Susie" (Gottler) (4347).  
 Foxtrot—Biltmore Hotel Orchestra, "Broadway Melody" (Brown) (4231).  
 Foxtrot—Brunswick Orchestra, "I'd Rather Be Blue Over You" (Rose) (4213).  
 Foxtrot—Biltmore Hotel Orchestra, "You Were Meant for Me" (4231).  
 11.0 : Close down.

### 4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, NOVEMBER 9.

- 3.0 : Town Hall chimes.  
 3.1 : Selected gramophone items.  
 4.25 : Sports results to hand.  
 5.0 : Town Hall chimes.  
 5.1 : Children's session, conducted by Uncle George.  
 6.0 : Town Hall chimes.  
 6.1 : Dinner session—"Columbia" Hour:  
 March—H.M. Grenadier Guards Band, "Martial Moments" (arrgd. Winter) (9065).  
 Waltz—Eddie Thomas's Collegians, "Missouri Waltz" (Logan) (02553).  
 6.12 : Tacet.  
 6.15 : Violin and Wurlitzer organ—Marrnello, "Evening in the Desert" (Hermit) (Regal G20420).  
 Hawaiian—South Sea Islanders, "Dreamy Hilo Bay" (Heagney) (01162).  
 March—Columbia Symphony Orchestra, "March of the Toys" (Herbert) (02651).  
 Pianoforte—Percy Grainger, "Molly on the Shore" (Grainger) (03575).  
 6.26 : Tacet.  
 6.30 : Waltz—Eddie Thomas's Collegians, "Till We Meet Again" (Whiting) (02553).  
 Waltz—Eddie Thomas's Collegians, "Beautiful Ohio" (Earl) (02651).  
 Piccolo duet—Jean and Pierre Gennin, "Rippling Streams" (Gennin) (02575).  
 6.41 : Tacet.

- 6.45: Violin and organ—Marrnello, "Once" (Saunders) (Regal G20420).  
 Xylophone—W. W. Bennett, "Gee Whiz" (Byron) (02575).  
 Hawaiian—South Sea Islanders, "Lei Lani" (Heahney) (01162).  
 Denza Dance Band—"In the Shadows" (Finck) (Regal G20451).
- \* 6.58: Tacet.
- 7.0: News session.
- 8.0: Relay of 3YA, Christchurch (Vaudeville Programme).
- 10.0: "His Master's Voice" Dance Programme:  
 Foxtrot—Rhythmic Eight, "Don't Be Like That" (Gottler) (Zonophone EE154).  
 Foxtrot—Jack Hylton's Orchestra, "Sweetheart of All My Dreams" (Fitch) (EA540).  
 Foxtrot—Arcadians Dance Orchestra, "Pokee-okee-oh" (Butler) (Zonophone EE155).  
 Foxtrot—Jack Hylton's Orchestra, "I Lift Up My Finger and Say 'Tweet, Tweet'" (Sarony) (EA540).  
 10.12: Wurlitzer organ—Jesse Crawford, "A Precious Little Thing Called Love" (Davis) (EA536).  
 Foxtrot—George Olsen's Music, "I'm Bringing a Red, Red Rose" (Kahn) (EA537).  
 Foxtrot—Nat Shilkret's Orchestra, "One for All, All for One" (Trent) (EA528).  
 Foxtrot—Heidt's Orchestra, "I'm Ka-razy for You" (Jolson) (EA539).  
 Waltz—Arcadians Dance Orchestra, "Anita" (Pollack) (Zonophone EE154).  
 Waltz—Arcadians Dance Orchestra, "That Old-time Organ Melody" (Carlton) (Zonophone EE155).  
 10.30: Contralto—Lupe Velez, "Mi Amado" (Lewis) (EA535).  
 Foxtrot—George Olsen's Music, "Come West, Little Girl, Come West" (Kahn) (EA537).  
 Foxtrot—Nat Shilkret's Orchestra, "I'm Thirsty for Kisses, Hungry for Love" (Davis) (EA528).  
 Foxtrot—Nat Shilkret's Orchestra, "Some Sweet Day" (Shilkret) (EA531).  
 Foxtrot—Waring's Pennsylvanians, "My Mother's Eyes" (Gilbert) (EA530).  
 10.45: Wurlitzer organ—Jesse Crawford, "Carolina Moon" (Davis) (EA536).  
 Foxtrot—"Kassels in the Air," "He, She, and Me" (Newman) (EA532).  
 Foxtrot—Park Central Orchestra, "Sally of My Dreams" (Kerhell) (EA530).  
 Waltz—Connecticut Yankees, "Coquette" (Berlin) (EA532).  
 Waltz—Nat Shilkret's Orchestra, "Lady Divine" (Shilkret) (EA531).  
 11.0: Close down.

## Sunday, November 10

### 1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, NOVEMBER 10.

- 3.0: Afternoon session—selected studio items.  
 4.0: Literary selection by the Announcer.  
 4.8: Studio items.  
 6.0: Children's session conducted by Uncle Leo.

- 6.55: Relay of service from the Church of Christ—Preacher: Pastor Campbell.  
 8.30 (approx.): Studio Concert:  
 Opera Comique Orchestra, "Manon" Ballet Music (Massenet), (Parlophone 4104).  
 Baritone—Mr. Reg. Thompson, "Star of Eve" (Wagner).  
 Violin—Jeanne Gautier, "Chant Hindoue" (Rimsky-Korsakov) (Parlophone 2771).  
 Recital to music—Miss Rhona Speed, (a) "The Roads" (Edwards); (b) "His First Long Trousers" (Mayer).  
 Soprano—Miss Molly Atkinson, "Hinemoa's Love Song" (James).  
 Orchestra of the Concert Colonne Symphonie, Paris, "Fantastique" (Berlioz) (Parlophone 1023).  
 Baritone—Mr. R. Thompson, (a) "The Bellman" (Forsyth); (b) "The Lord Is My Light" (Wooler).  
 Choral—La Scala Chorus, Milan, "Tantum Ergo" (de Vittoria) (Parlophone 4085).  
 Recital—Miss Rhona Speed, "The Tantalus" (Miller).  
 Soprano—Miss Molly Atkinson, "The Carnival" (Molloy).  
 Grand Symphony Orchestra, "Polonaise No. 1 in A" (Chopin) (Parlophone 4089).  
 9.30: (approx.) Close down.

### 2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, NOVEMBER 10.

- 3.0: Relay from the Town Hall of Armistice Day massed meeting.  
 Selected studio items.  
 6.0: Children's song service, conducted by Uncle George.  
 7.0: Relay from Trinity Methodist Church, Newtown, of the 57th Sunday School Anniversary. Preacher, Rev. T. W. Veale. Organist, Miss Lillian Thawley, L.A.B. Choirmaster, Mr. J. W. Buchanan.  
 8.15: (approx.) Studio concert:  
 Overture—St. Louis Symphony Orchestra, "Fingal's Cave" (Mendelssohn) (H.M.V. D1299).  
 Musical Art Quartet—"Quartet in A Minor—Allegro ma non troppo" (Schubert) (Columbia 02753).  
 Special studio presentation of the sacred cantata "Rock of Ages" (Pattison) by the Vivian Street Church of Christ. (Soloists: Tenor, Mr. S. Eaton; soprano, Miss Olive Hardwick; contralto, Mrs. R. Goldie; soprano, Miss Betty Goodwin; baritone, Mr. W. G. Carpenter; mezzo-soprano, Miss E. J. O'Connor.)  
 Instrumental—Berlin State Opera House Orchestra, "Polonaise," No. 2 (Liszt) (H.M.V. D1625).  
 Baritone—Mr. George Gray, "Crossing the Bar" (Willeby).  
 Anthem—Vivian Street Church of Christ Choir, "Send Out Thy Light" (Gounod).  
 Close down.

### 3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, NOVEMBER 10.

- 3.0: Afternoon session—Selected gramophone items.  
 4.30: Close down.  
 5.30: Children's song service.  
 6.15: Hymn chimes from studio.  
 6.30: Relay of service from Oxford Terrace Baptist Church (Sunday School Anniversary). Preacher, Rev. J. Robertson, M.A. Choirmaster, Mr. O. Murray Jones. Organist, Mr. Melville Lawry.  
 8.0: Organ—Lew White, "The Palms" (Faure) (Brunswick 4276).  
 Studio Instrumental Trio, "Trio in D Major—1st Movement" (Beethoven).  
 8.15: (approx.) Rebroadcast of 2YA, Wellington, special studio presentation of the sacred cantata "Rock of Ages" (Pattison) by the choir of the Vivian Street Church of Christ.  
 Close down.

### 4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, NOVEMBER 10.

- 3.0: Town Hall chimes.  
 3.1: Selected gramophone items.  
 5.30: Children's song service, conducted by Big Brother Bill.  
 6.30: Relay of service from St. Paul's Anglican Cathedral. Preacher, Canon Nevill. Organist, Mr. E. Heywood, F.R.C.O.  
 7.55: Weather report.  
 8.5: Relay from St. Kilda of concert by the St. Kilda Band, under the conductorship of Mr. Jas. Dixon.  
 Close down.

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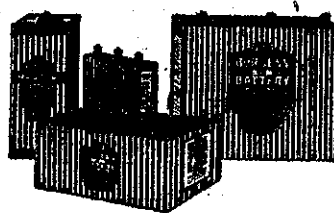
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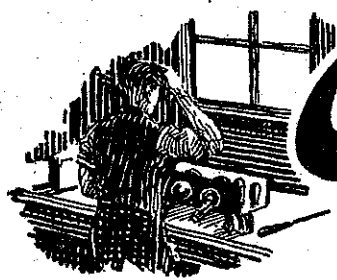
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# Questions and Answers



## Short-wave Adapter.

HAVING in view the construction of a short-wave adapter, will you kindly inform me as to:

1. Whether it is possible to use a "B" eliminator satisfactorily with (a) a short-wave set, (b) a short-wave adapter, using a separate "B" supply for the detector, the eliminator being used only for the audio stages?

A.: An eliminator for short-wave work will in most cases work in quite well. If it is at all rough, an extra choke in the "B" supply to the by-pass condenser would be all that is necessary. Battery current on the detector would possibly overcome this.

2. Whether the method of constructing coils described in the "Radio Record" for December 9, 1927, would be more efficient than that illustrated on page 103 of the "Listeners' Guide."

A.: Large space-wound coils are more efficient than smaller plug-in, but the difference is so very slight that the added convenience of the plug-in coils well outweighs any advantage gained by space-winding the turns.

3. In constructing a transformer for the supply of A.C., does the number of turns indicated in the table in the "Listeners' Guide" require doubling or halving?

A.: As there will be no centre tap or rectifier, the number of turns will be exactly as indicated in the table.

## A License Question.

IF I were to install a valve set would I have to get my license altered if I now have one for a crystal set? asks "R.M." (Newtown).

A.: Provided the valve set is of an approved type, no. In almost every case commercial sets are approved. All those appearing in the "Radio Record" come within the Act.

## Distortions from a Dynamic.

"DYNAMIC" (Blenheim) has recently acquired a dynamic speaker that gives him results that are not equal to those he used to get from a good cone speaker. He asks if a step-down transformer or output filter is necessary between the last valve and this speaker.

A.: As it is commercially made there is no necessity for any output device other than that supplied by the speaker. If possible, take the speaker to a friend's place and check the results thereby obtained with your own. If the speaker is then at fault return it to the agent who sold it to you.

## Converting a Set to Short-wave.

"J.D." (Marton) sends a circuit diagram of a three-valve Brownings-Drake, and asks if he can adapt the coils for use with short-wave. He states that the primary and the tickler will contain twelve turns of 34 gauge wire.

A.: A set of short-wave coils may be constructed and used as described by "Pentode" in his description of "Round the World Two," a short-wave receiver described in our issue dated April 26. It

is considered that unless a valve of very low impedance is used as radio frequency, it would be advisable to increase the number of primary turns to about 15, and use 30 gauge wire. The same time, it may be necessary to put more turns on the tickler. Again, 30 gauge wire would be an improvement.

2. What is the function of the neutralising condenser?

A.: Briefly, the function of this piece of apparatus is to balance out the inter-valve capacity of the radio frequency valve. "Cathode" is preparing a special article in his "The Design of Inductance Coil" series, which will deal with this question very fully.

## Position of Valves.

I HAVE had my set for two years, and just replaced the valves, writes "J.W.A." (Awakeri). I am wondering whether I have done right. The positions (according to a sketch) are as follows:—First and second radio, R.C.A.; detector and first audio, Philips; second audio, R.C.A.

A.: Without stating more specifically the number of the R.C.A. valves, it is impossible to say whether the combination is the best obtainable. It is questionable whether 615 as first audio could not be improved by the use of R.C.A. 201A, or Philips 609. The last valve should be an R.C.A. 112A or 171A, or Philips 605 or 609. Of course, other makes of power valves may be used equally well in the last stage.

## Power Valve as First Audio.

CAN you help me to get better results, writes "E.E.D." (Pahiatua). When the set goes into oscillation, it makes a bubbling sound like a motor-boat engine and the set distorts. I am using a resistance-coupled amplifier with two 605 valves in the audio, a UX200 detector, and two 201A's in the radio stages. A Mullard pentode is in the last stage.

A.: You are using two power valves where you should be using general purpose valves. The 605's are intended for last stage operation only. Their use in any other portion of the set saturates the transformer, causes distortion, and wears the battery down very rapidly. Substitute these valves by 609's or 201A's.

## Units for the Silk Diaphragm.

"A.J.A." (Oamaru) asks where he might obtain the 66P unit referred to in the description of the silk diaphragm speaker, and where he can obtain the bolt with a hole in the centre for holding the pieces of silk together.

A.: 66P can be obtained from the Rodger Importing Co., Christchurch, but 66A and 66K, other suitable speakers, are procurable from many dealers. If unobtainable locally, Fear and Co., Wellington carry a stock (price 80s. and 32s. 6d.). The bolt can probably be obtained from any engineers or radio dealer. It is unlikely that it would be carried in stock, but it could be very easily made. The volume from this speaker, providing a good set is used, would be ample for your requirements.

## 2YA on a Crystal Set.

CAN you explain why I get 2YA and 2FC on my crystal set, when I am situated in the Auckland district? writes "E.B." (Bombay).

A.: You have evidently a very good crystal in your set. Long-distance reception on this type of set is not uncommon. Listeners in Wellington are known to have received 2FC regularly for some considerable time.

## A Defective Transformer.

"W.E.L." (Napier) appears to have a defective transformer, for he states that after the set has been switched off for, say, twenty-four hours, it appears to be dead, then after a few seconds, a few loud crashes are received, and then the set settles down to normal. If a finger is placed on the frame of the first audio transformer, a noise prevails in the loudspeaker, similar to the scratching of a pickup.

A.: This latter statement causes the second audio transformer to be suspected. When once the set is going the break in the winding is arced across, and the set functions normally. When, however, any interruption or vibration occurs, the circuit is opened and closed rapidly, causing a crackling noise. Replace this transformer or have it tested, and it will no doubt become apparent where the trouble is situated.

2. Is a fixed condenser necessary in a push-pull amplification stage?

A.: The correspondent does not state in which position the condenser is to be placed, but if it is a DC circuit, there is no call for a by-pass condenser in any position, unless across the primary of the input transformer.

3. Can you suggest an automatic volume control to counteract fading?

A.: Sorry, I wish we could, it would be worth money.

## Gauge of Wire.

CAN you identify the pieces of wire attached under the following headings: gauge, ohms per yard, current carrying capacity.

A.: Both samples. Gauge 40 SWG, enamel; ohms per yard, 1.3; current carrying capacity, 20 milliamperes.

2. I have recently installed my 5-valve neutrodyne in a cabinet, but find that when both rheostats are turned on an an-

noying whistle which rises in volume occurs, and an annoying pop is frequently heard in the speaker, but this can be turned off by adjusting the ordinary condensers. Adjusting the neutralising condenser seems to have no permanent effect.

A.: It appears that the set is not neutralised, for although you may alter the neutralising condenser, the set may yet remain unstable. Neutralise it as suggested in the "Radio Listeners' Guide," and if the squealing still persists, look for an open circuit or a resin core joint in both neutralising circuits. Test the valves for emission, and try shifting the speaker and the speaker cord to do away with any chance of pickup. An output filter may have a good effect. It is likely that in shifting the set to the cabinet, you altered the relation of the components to one another, or damaged one of the contacts in the radio stages.

## Tone Mushy.

THE tone is a bit mushy in my three-valve set, writes "D.W." (Auckland). I blew out the original valves and replaced them with the equivalents in different makes. I have tried different bias, but without results. All my batteries are O.K., as is my antenna and ground system.

A.: Was the tone mushy before the new valves were introduced. If not, then the introduction of these valves is at the base of the trouble. The detector in this circuit is very sensitive to any change, and the writer's experience has been that very few valves can replace this one with any measure of success. Both are high-resistance, and theoretically there should be no difference, although there is a difference of 20,000 ohms in their impedances. Probably the voltage is too high for this new detector, so try the effect of a 1 megohm grid leak in the plate lead to the detector. Lift the wire between the by-pass condenser and the first audio transformer, and put the grid leak in here. This should reduce the voltage and solve the trouble. Does the application of the screen grid voltage make any difference in the signal strength. If not, this valve is at fault.

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# A Screen Grid Detector Two



THE advent of the screen grid valve has revolutionised radio reception where distance and volume are the main considerations in a receiver. As radio frequency amplifiers they are far in advance of anything tried previously because their internal capacity is almost non-existent, and so there is no trouble with self-oscillation.

As audio frequency amplifiers, they give wonderful results, but the introduction of the screen grid audio valve allows new results in audio amplification to be obtained. In fact, one of these valves is equal to an ordinary two-stage audio amplifier.

Circuits using the screen grid valve as a radio frequency amplifier have been published before, but so far very few descriptions of a circuit using one as a detector have been given.

Many experimenters have tried using the new valve as a space charge detector, but their results were very poor, and not up to those obtained with a standard detector.

The circuit to be described in this article does not make use of the space charge system, but aims at reducing the internal capacity of the valve to a minimum while still retaining all the advantages of a standard detector circuit.

An examination of the circuit will show that it is practically a standard Schnell using a special screen grid valve in the audio stage.

It will be seen that in the diagram of the detector valve an extra grid is inserted between the normal grid and the plate. In the actual valve the plate is surrounded by this grid, but for purposes of clarity it is only shown between the grid and plate. This extra grid is connected to the B battery through a radio frequency choke, and

Modern radio receivers are using the screen grid valve as detector, and as several constructors have advised us that they have had great success with this circuit, we publish an article, adapted from an overseas magazine, giving the details of such a circuit. We should like to hear the results of any of our readers who construct this set.

is also connected to the filament circuit through a by-pass condenser.

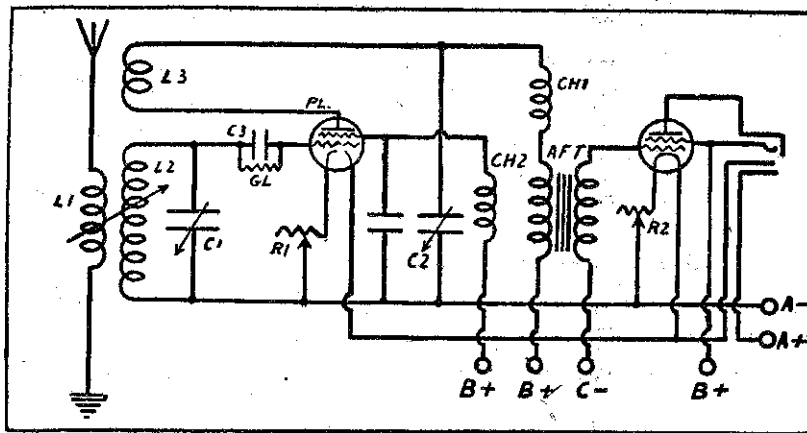
The secret of the success of this circuit is due to the efficiency of the choke used in the screen grid lead.

Due to the effect of the extra grid on the mutual conductance of the

The receiver uses plug-in-coils, so that it can be used for both long and short-wave reception.

The apparatus should be placed exactly as shown in the illustrations if the best results are to be desired.

All the apparatus except the by-



Theoretical Diagram of S.D. Detector 2.

valve, enormous amplification is obtained, and as a result this set is equal to the average four valve receiver.

## The Construction of the Receiver.

ONLY the best parts should be employed in a receiver of this type, otherwise the results will not be very good. Therefore, select the best parts that you can obtain.

pass condenser is mounted on the sub-panel, but the condenser is placed below it as this position makes it easier to wire.

## The Wiring.

The wiring should be done with bus-bar and sleeving, so that there will be no difficulty with wires crossing. The aerial and earth terminals should be connected to the aerial and earth terminals of the coil kit.

The grid terminal of the kit is then connected to the stationary plates of the tuning condenser, and one terminal of the grid condenser C3, across which is placed the grid lead, GL. The other terminal of the grid condenser connects to the grid terminal of the detector valve socket for the A442 type screen grid valve.

The filament terminal of the coil kit is connected to the rotary plates of the tuning condenser, and to the moveable arm of the detector rheostat and to the rotary plates of the reaction condenser.

It also connects to the arm of the audio amplifier rheostat, and to the A negative battery terminal.

One terminal of the by-pass condenser also joins this connection. The remaining terminal of the detector rheostat to the negative terminal of the detector socket while same is done with the audio rheostat.

The A positive terminal of each socket connect together, and then connected to one of the filament lugs of the jack, the other filament lug of which connects to the A positive battery terminal.

The plate terminal of the detector socket connects to the remaining terminal of the by-pass condenser and to

one side of the r.f. choke CH2. The plate terminal of the valve socket connects by means of a piece of flexible wire to the terminal on the top of the detector valve. Study the instructions with the valve before making the plate and screen grid connections.

The remaining terminal of the r.f. choke CH2 connects to the B positive battery terminal, and afterwards connects to the B45. This is the screen grid connection.

The B terminal of the kit goes to one terminal of the r.f. choke CH1, and to the stationary plates of the reaction condenser. The free terminal of the choke CH1 goes to the P terminal of the audio transformer AFT, while the B terminal of this component connects to another B positive battery terminal.

The G terminal of the transformer goes to the G terminal of the audio frequency transformer, while the C terminal connects to the C negative battery terminal. In the actual receiver such a terminal was not used, but a piece of flex employed.

The plate terminal goes to one of the plate lugs of the jack, while the other connects to the B battery positive terminal, and this connects to the B120. This lug of the jack connects to the terminal on the side of the valve by means of a short length of flex. If an ordinary valve is used in the place of the special one in the amplifier the last connection is omitted.

This completes the wiring of the receiver.

## Connecting Up.

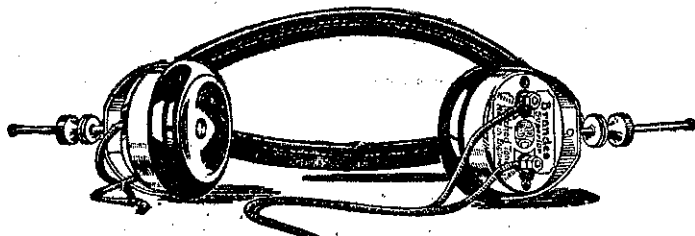
THE A negative battery terminal connects the A battery negative to which are also connected the B negative and the C positive. The detector B positive should go to B negative, the screen grid battery terminal to the B45, and the B amplifier to the B maximum.

Connect up the aerial and earth, the A positive, and insert a pair of phones. Pushing in the phone plug automatically switches on the set while removing it switches the set off.

Insert the coil for the broadcast band and turn on both rheostats. The reac-

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tion condenser must be turned to 100 degrees as should the tuning condenser. Now slowly rotate the tuning condenser until signals are heard. Then slowly turn the reaction condenser until the signals become clear. Then experiment with the screen grid and the plate voltages, as well as the rheostat settings until the reaction con-

## Tips and Jottings

### To Cure Distortion.

A MILLIAMMETER is invaluable to all those whose aim it is to secure distortionless reproduction. The meter is inserted in circuit between the "B+" lead to the last valve, and the loudspeaker or choke terminal to which this lead goes. The object is to attain an adjustment of signal strength which does not produce needle "kicks." It is usual to permit not more than a variation of 10 per cent. of the anode current in the form of "kicks," and if the needle fluctuates more than this amount the B battery and grid bias supply should be increased. Another remedy is to insert a more suitable power valve in the last stage. A suitable milliammeter for most purposes is one having a reading of 0-25 milliamps.

### High-frequency Chokes.

WITH the application of more modern forms of tuning, many constructors probably have in their workshops a collection of discarded plug-in coils and sockets. These are quite suitable for use as high-frequency chokes, and can be used for short-wave purposes, as well as for the broadcast band. For the medium broadcast band, a 250 or 300-turn coil is adequate, while for use on the higher frequencies, a 60 or 70-turn coil is quite large enough.

### Aerial Coupling.

DEAD spots (i.e., frequencies at which the receiver does not oscillate) in short wave reception are generally due to over-tight aerial coupling. A very small-series condenser or a detuning coil in series with the aerial (50 turns on a 3-in. former is ample) will usually cure the trouble. In some cases, however, the trouble may be caused by a circuit which happens to be tuned to a frequency within the range of the receiver, though situated two or three feet away.

### Metal-Working.

WHEN drilling holes in thin sheet-metal constructors will no doubt have noticed that it is not an easy matter to ensure the drilling of a good clean hole. This is primarily due to the fact that the drill bites the metal when just on the point of emerging. The difficulty is best overcome by backing the thin sheet of metal against a piece of hard wood, or, better still, a thicker sheet of metal. The sheet must be tightly clamped to the backing material, otherwise no real benefit will result.

### To Clean Terminals.

ANYONE who has dismantled an old receiver in order to use the parts for a more modern set will have met with the difficulty of removing nuts from terminal shanks to which connections have been soldered. A certain amount of solder usually remains in the end threads of a terminal shank when the connecting wire has been pulled off, so that the nut becomes fixed so tightly when an attempt is made to unscrew it that it has eventually to be cut off. A die of the correct size for the terminal shank is invaluable on such occasions. With its aid the thread of the shank may be cleaned up in a few moments, making the removal of the nut a simple matter, and leaving the terminal as good as new.

### LIST OF PARTS.

- 1 All-wave kit, L1, L2, L3.
- 1 Variable condenser, 0.0001mfd., C1.
- 1 Variable condenser, 0.00025 mfd., C2.
- 1 Fixed condenser, 0.0002 mfd., C3.
- 1 Audio frequency transformer, AFT.
- 1 Single-circuit filament control jack, J.
- 1 Two-megohm grid leak, GL.
- 1 Fixed condenser, 0.0002 mfd.
- 2 Radio frequency choke coils.
- 2 Valve sockets.
- 2 Rheostats.
- 2 Vernier Dials.
- 8 Terminals
- 1 Pair panel brackets.
- 1 Panel, 1 sub-panel.

The following accessories will be required:—

- 1 Screen grid valve.
- 1 Screen grid audio valve.
- 1 A battery.
- 1 120-volt B battery.
- 1 15-volt C battery.
- Aerial, phones, speaker, and connecting wire.

control is smooth and the set goes into and out of oscillation without a plop. Should the set not oscillate the reaction coil connections should be reversed.

The results obtained with this receiver are remarkable. It has been in operation, and in all cases the local stations are received at deafening strength, while distant reception is good. On the short waves amateur stations all over the world can be received and held without difficulty, so smooth is the operation of the set.

It gives far better results than an ordinary three-valve short-wave receiver, and is excellent on short-wave telephony, no difficulty being experienced in receiving the international short-wave broadcasters.

On very weak signals it is often better to use an ordinary valve in the audio stage, because the screen grid audio valve required a large amount of energy to operate it.

## Capacity Variation

IT is often necessary for testing purposes to utilise a variable condenser with a maximum capacity higher than that immediately available. In this connection it should be borne in mind that a fixed condenser joined in parallel with the variable condenser will often meet the needs of the moment. For example, a .0005 fixed condenser in parallel with a .0005 variable condenser will give a maximum capacity of .001. This fact is often lost sight of by experimenters, and it has many practical applications when trying out new or special circuits.

# RADIO DIRECTORY

## What to Buy and Where

### CITIES

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|---|---|
| <b>AERIAL MASTS</b> .....   | <b>Domestic Radio Co., Ltd.,</b><br>300 Queen Street, Auckland.                                   |
| <b>ALTONA &amp; HAMMARLUND-ROBERTS SETS.</b>  | <b>Johns, Ltd.</b><br>Chancery Street, Auckland.  |
| <b>AMPLION LOUDSPEAKERS</b> .   | <b>All Radio Dealers.</b>   |
| <b>BURGESS RADIO BATTERIES,</b>   | <b>All Radio Dealers.</b>   |
| <b>CROSLEY RADIO</b>  | <b>Abel, Smeeton, Ltd.,</b><br>27-29 Customs St. E., Auckland.                                    |
| <b>CROSLEY RADIO RECEIVERS</b>  | <b>G. G. Macquarrie, Ltd.,</b><br>120 Willis Street, Wellington.                                  |
| <b>CROSLEY RADIO</b> .....  | <b>Abel, Smeeton, Ltd. Rep.: G. MOSES,</b><br>James Street, Mangarei.                             |
| <b>DAYTON All-Electric Radio</b> ...  | <b>Superadio, Ltd.,</b><br>147 Queen Street, Auckland.  |
| <b>EMMCO RADIO PRODUCTS</b>   | <b>Johns, Ltd.,</b><br>Chancery St., Auckland.  |
| <b>EMMCO RADIO PRODUCTS</b>   | <b>Thos. Ballinger &amp; Co., Ltd.,</b><br>Victoria St., Wellington.                              |
| <b>EMMCO RADIO PRODUCTS</b>   | <b>L. B. Scott Ltd.,</b><br>Worcester St., Christchurch.  |
| <b>KING RADIO RECEIVERS</b> ...   | <b>F. J. W. Fear &amp; Co.,</b><br>63 Willis Street, Wellington.                                  |
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| <b>LOUDSPEAKER AND TRANSFORMER REPAIRS</b> .....  | <b>A. E. Strange,</b><br>404 Worcester Street, Christchurch.                                      |
| <b>MAJESTIC RADIO RECEIVERS</b>   | <b>Kirkcaldie &amp; Stains,</b><br>Chief Wellington Agents, Lambton Quay                          |
| <b>MULLARD VALVES</b> .....   | <b>All Radio Dealers.</b>   |
| <b>PILOT 1930 PARTS AND KITS, ETC.</b> .....  | <b>Abel, Smeeton, Ltd.,</b><br>27-29 Customs Street East, Auckland.                               |
| <b>PILOT 1930 PARTS—PILOT SUPER WASP KITS, GILFILLAN, KELLOGG and ATWATER KENT SETS</b> ..... | <b>Harrington's, N.Z., Ltd.,</b><br>138-140 Queen St., Auckland.<br>40-42 Willis St., Wellington. |
| <b>RADIOLA RECEIVERS and Expert Radiola Service.</b>  | <b>Farmers' Trading Co., Ltd.,</b><br>Hobson Street, Auckland.                                    |
| <b>RADIO REPAIRS AND SERVICE</b> .....  | <b>E. G. Shipley,</b><br>185 Manchester Street, Christchurch.                                     |

### COUNTRY TOWNS

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| <b>CROSLEY RADIO</b> .....                              | <b>J. C. Davidson,</b><br>Main Street, Pahiatua.                                |
| <b>CROSLEY SETS</b> .....                               | <b>Abel, Smeeton, Ltd. Rep.: C. RUSSELL,</b><br>400 Devon Street, New Plymouth. |
| <b>CROSLEY RADIO</b> .....                              | <b>D. A. Morrison &amp; Co.,</b><br>Victoria Avenue, Wanganui.                  |
| <b>MAJESTIC ELECTRIC RADIO</b>                          | <b>Berryman's, The Home of Music,</b><br>Palmerston North.                      |
| <b>MAJESTIC, ATWATER-KENT AND RADIOLA ELECTRIC SETS</b> | <b>Radio House, Hamilton.</b><br>G. S. Anchor, Manager.                         |
| <b>PHILIPS VALVES AND APPARATUS</b>                     | <b>All Good Radio Dealers.</b>  |

**Loudspeaker "Hiss"****Commercial Radio****Grid-Bias Batteries****Metal Panels****How to Cure It****New Plant at Wellington**

THE commercial wireless service conducted by the P. and T. Department is now being modernised.

A high speed short-wave Wireless Telegraph Station manufactured by Amalgamated Wireless (Australasia) Limited to the order of the Department has been erected at ZLW, the Tinakori Hill Station.

This set was inspected and tested in Sydney recently by an officer of the Department. The results obtained on the tests conducted in Sydney were in every way satisfactory, and since the station has been erected in its permanent quarters, the results obtained on the apparatus have in all respects come up to the expectations of the Department's office.

It is confidently expected that the new station will materially increase the distance over which it will be possible to communicate with vessels en route to and from New Zealand ports, and in addition this new plant will greatly facilitate the growing radio traffic between New Zealand, Samoa, the Cook Group, and Chatham Islands.

The apparatus, which embodies the very latest discoveries in radio technique reflects the greatest credit on the manufacturers, Messrs. Amalgamated Wireless (Australasia) Limited.

The New Zealand Government have now placed a further order with A.W.A. for a short-wave transmitter for installation at Samoa.

The new plant will establish constant radio service with overseas dependencies.

**Probable Cause of Distortion**

MORE distortion is produced by run-down grid bias batteries than is suspected, and with the introduction of the screen-grid valve, more care should be taken to maintain the specified grid voltage. The popular method nowadays is to build this battery into the set, and once it has been adjusted to supply the proper potential to the grids of the audio valves, it is apt to receive no further attention for some little time. Despite the fact that it is not called upon to supply any current to the set, the grid battery's life is definitely limited.

Minute leakages take place between its sockets, particularly if the surface is allowed to become dust-covered. Apart from this, the moisture within the cells slowly evaporates, thus reducing their activity. Thus there is a continual small decline in the E.M.F. of a grid battery, and, as the voltage drops, increasing distortion results. These batteries should be renewed regularly every six months or so, and the noticeable improvements in reproduction more than compensates for the small outlay.

**Faulty Fixed Condensers****An Efficient Test**

A COMPONENT which is usually taken on trust by the constructor, but which should be beyond reproach in design and construction, is the large capacity fixed condenser placed across the "B" battery. The least leakage through the dielectric material or via the containing case of such condensers will place a continuous drain on the "B" battery, and will prevent the condenser from fulfilling its proper function.

The ordinary fixed condenser test which makes use of a single dry cell and a pair of headphones is not complete enough with the larger capacities. A much surer test can be carried out with a pair of wander plugs and a "B" battery. Attach the leads of the wander plugs to the terminals of the condenser put one of the plugs in the negative socket of the battery and brush the other one lightly across the positive socket. Not less than 50 volts should be used. There should be only a small, sharp spark, as the condenser charges up. If the insulation is hopelessly faulty, there will be a big spitting spark as the plug touches the socket.

To complete the test, after brushing the plug on the positive socket bring it into contact with the other plug, when there should be another small spark as the condenser discharges again. Now touch the plug on the positive socket again, and then place it on a piece of ebonite. If, in a few minutes' time, a small spark can still be obtained on bringing the two wander plugs together, the condenser is in perfect order.

**Short-circuiting Tendencies**

METAL panels for wireless sets are gradually becoming more and more popular, partly because of their mechanical strength and partly because of their appearances. The latter is a strong point in their favour, since they retain their original new appearance and cannot change colour as do some ebonite panels. When metal panels are substituted for those of the insulating type in sets designed for the latter, care must be taken to see that no short circuits are occasioned.

Variable condensers which have three fixing screws secured to end-plates connecting with the fixed vanes are unsuitable unless insulating bushes are used for each screw, otherwise the fixed plates would be shorted through the panel to the spindle of the moving plates, thus preventing the condenser working.

**Test Your Batteries**

MANY amateurs are under the impression that as long as a "B" battery shows some voltage on a voltmeter, it is suitable for use. This is, however, very far from being the case. For instance, if a 90-volt battery which, on being tested, shows 30 volts in connected in series with a new "B" battery, results will not be improved but rather diminished.

This is due to what is known as the internal resistance of the cells. Simultaneously with the voltage drop comes an increase in the internal resistance, and as soon as a current is demanded of the cell its effective voltage drops to a very low figure. In these circumstances the complete battery may to all intents and purposes be regarded as a resistance. It is, therefore, obviously detrimental to connect it in series with new "B" batteries.

A good plan is to discard a battery when its voltage has dropped to two-thirds its original value. This is especially the case where it is being used on a multi-valve set. Distortion, crackling, and many other troubles are traced to worn-out "B" batteries, and the improvement in reception when they are replaced is well worth the outlay.

**Cleaning Terminals**

TERMINALS frequently get dirty owing to a thin coating of oxide, due to atmospheric effects, and this film, which may only appear as a dullness, detracts from the efficiency of the set. Other terminals which get dirty, and very dirty, too, are those on the accumulator. It is quite easy, however, to make a very simple little device, which obviates scraping the contact faces of the terminal with, say, a pen-knife.

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## Auckland Orchestra

(Continued from front page.)

sonatas with Charlton Keith (who has played very often for Kreisler) and string quartettes with Dr. Van Loen, Von Weyberg, Hugo Kolberg and Schuster, all famous musicians, well known throughout the Continent.

She has appeared with well-known artists such as Plunket Greene, O'Connor, Morris, Ann Mukle, Joseph Hislop, Rosina Buckmann, John McCormick and Marjorie Hayward. Excellent were the press notices from the London "Daily Telegraph," "Times," "Observer" and "Manchester Guardian." Miss Bosworth toured all England, Scotland and Ireland, Scandinavia, and Italy, and during the war visited various parts of France playing for the soldiers in Lena Ashwell's parties. She had the privilege of playing on famous instruments brought to Dr. Van Loen in Italy for his opinion—such as Stradivarius, Guarnerius, Auratic, Gagliano, etc.

Prior to joining IYA Miss Bosworth was solo violinist and in the Trio at 2FC, Sydney. She has given successful concerts in Auckland, Wellington, Hamilton, Masterton, Nelson, and other places.

Since returning from England she has appeared at all the leading Auckland concerts.

## MISS LOIS WALLS (2nd Violiniste).

MISS WALLS studied at the Royal Manchester College of Music, and with Professor Felix Berber at the Hoch Conservatorium, Frankfurt, and at the Conservatoire of Geneva. She has played under well-known conductor, such as Dr. Brodsky, Professor Bassermann, Bernhard Stavenhagen, etc., and has recently studied with Arthur Catterall, the famous English violinist. Since coming to New Zealand, Miss Walls has been associated with several of J. C. Williamson's productions, and with T. A. O'Brien theatres, being in turn musical director of Theatre Royal, Kingsland, and of Everybody's Theatre, and leader of the Plaza Orchestra.

## MISS MOLLY WRIGHT ('Celliste).

MISS MOLLY WRIGHT, who is the 'celliste at IYA, arrived from England 18 months ago. She received her musical education at the Royal Manchester College of Music, where she studied the cello under Carl Fuchs and Walter Hatton, and the piano under Mme. Jeanne Bretey. She was associated for a number of years with Dr. Brodsky, of the famous Halle Orchestra, and Mr. R. J. Forbes, one of the British National and Carl Rosa Opera Company conductors.

She was for three years solo 'celliste in the Lytham-St. Anne's Municipal Orchestra. Miss Wright has often been heard over the air in solos and with the Station Trio and orchestra at 2ZY, the Manchester Station. Since her arrival in New Zealand she has appeared as soloist at the Bohemian Orchestral Society and the Royal Auckland Choir concerts, many times also at the organ recitals at the Town Hall.

## W. SHEPLEY (Cornetist).

A musician with wide experience in both orchestral and brass band work in the Old Country, Mr. Shepley was a pupil of Alec Owen, who was considered one of England's finest cornet players, and he also studied under

WIRELESS broadcast programmes as supplied by the Nationalist Government in China are reported to be a trifle dull. Propaganda was the object of the Government in encouraging radio development, and propaganda is issued in such large doses that the Chinese listener switches over to Japan or Vladivostok and listens to foreign music. He even listens to speeches in Russian in preference to those in his native language. Until the Nationalists gained control in China it was illegal to own a receiving set. Now, however, regulations similar to those in Western Europe are in force. At present not one person in a thousand

Mr. Irons and the late William Hartley, at one time principal cornetist of the Grenadier Guards' Band. In brass bands Mr. Shepley has played under Mr. Halliwell and Mr. Rimmer, both at the present time considered as the cream of brass band conductors. In solo work Mr. Shepley has a number of trophies to his credit. He held the position of principal cornetist in the Nottingham Philharmonic Society, England. He was principal cornet soloist in the Queen Alexandra's Own Band, Wanganui, for several years, and also acted in the capacity of conductor, and for the last five years has held the position of principal cornetist in the Bohemian Orchestra and Auckland Choral Society.

MR. ERIC WATERS  
(Piano-Conductor).

MR. ERIC WATERS, who will act as piano-conductor of the newly-formed orchestra, has had a wide and varied experience as an executant musician, ranging from Cathedral organist and touring pianist to musical director of a vaudeville theatre. Possessor of an art which is exclusively a New Zealand product, he is well known both as a solo pianist and as an efficient and sympathetic accompanist. He has conducted during two seasons of the Auckland Operatic Society, both of which were performances of works of his own composition, Trio in D Major, on the occasion of the recent New Zealand Composers' evening at IYA, will be remembered by listeners. With his versatility and knowledge of both classical and theatre music, the success of the new combination should be assured.

## MR. T. FITCHETT (Bass Fiddle).

MR. T. FITCHETT, who will be playing the bass fiddle in the new combination, was for ten years commander-in-chief of the Wore Band, and for five years conductor of the Baston Opera House. He has had numerous engagements with local musical societies.

## MR. R. J. JURY (Drums).

MR. R. J. JURY, who will be playing the xylophone, drums, and effects, has won great success in Auckland for his xylophone specialities. He was for many years drummer of the Majestic Theatre Orchestra.

## MR. J. MCGREGOR (Clarinet).

MR. J. MCGREGOR, who will play clarinet and saxophone, has the very highest reputation in Auckland as a player and musician. His long experience with the best orchestras will be a very great asset to IYA.

and can afford a set, but hundreds gather round the big shops and listen in.

BAND music broadcasts by the Silver Band of the Royal Glasgow Asylum for the Blind are very popular in England at present. The whole repertoire, of course, has to be carried in the memory, and the problem of efficient control by the conductor is solved in a very novel way. Each performer has attached to either an arm or a leg, a long cord which terminates at the conductor's rostrum. Communication is effected by means of a pre-arranged system of signals, which are conveyed to each musician by tapping with a baton on the required cord.

ANOTHER instance of the importance attached by European countries to direct wireless communication is the order just placed with the Marconi Company by the Societe Beige Radio-Electrique, on behalf of the Belgian Government. This provides for the installation of a short-wave telegraph-telephone transmitter, which will be used for communication between Belgium, the Belgian Congo, and South America. Two short-wave receivers of the latest type, similar to those used by the Marconi beam station, have also been ordered.

SERIOUS interference can be caused by amateurs who allow their sets to oscillate freely. This is demonstrated by a discovery made recently by a wireless operator employed on a trans-Atlantic liner. He found that by using excessive reaction, he could transmit a distance of eighty miles on an ordinary single valve set, and well over a hundred miles on a two-valve set. It is easily seen that if only three or four set-owners allow their sets to oscillate continuously, the evening's entertainment is spoilt for hundreds, perhaps thousands, of listeners.

A ONE-KILOWATT station was erected in Formosa towards the end of last year, and to popularise broadcasting there, no fee is charged for listening-in. The British Consul at Tamsin, Formosa states that the number of applications for free listening permits exceeded 8000 in the first four months. Of the receivers in use 80 per cent. are cheap crystal sets, and are of Japanese manufacture. In the spring of 1930 a new 10-kilowatt station is to be opened at Itabashi, near Taihoku; and New Zealand listeners with valve sets will have a new source of interesting entertainment when this high-powered station commences its regular transmissions.

## WANTED AND FOR SALE.

For column of casual advertisements see page 32.

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### Canada's Short-wave Station.

THE short-wave broadcasting station CJRX has been moved from the Grain Exchange Building in Winnipeg to a point about 10 miles from the city, and is now transmitting again on 25.5 metres, with an input of 2 k.w. Reports on the new station's signal will be welcomed by the owners, Messrs. James Richardson and Co., Grain Exchange Buildings, Winnipeg, Manitoba.

### Spain and Argentine.

THE Spanish National Telephone Company has received official permission to inaugurate a direct wireless telephone service between Spain and the Argentine. The main stations will be at Madrid and Buenos Aires. The company is also permitted to extend wireless telephone services to other American and European countries.

### 3AN, Sourabaya, Java.

THIS station is owned and operated by the Sourabaya Amateur Radio Society. They generally operate on about 49 metres, but can sometimes be heard on about 20 metres. 3AN operates every Monday, Wednesday, Friday and Sunday from 11 p.m. N.Z. summertime.

### French West and Equatorial Africa.

IN addition to the long-wave transmitters already in operation, two new short-wave wireless telegraphy stations are stated to be under construction at Bamako (French West Africa), and Brazzaville (French Equatorial Africa). Both will work on C.W., the former on 14.7, 19.5, 30.7, and 70.9 metres, with the call sign FZL, and the latter, with the call sign FZL, on 16.2, 25, 29.8, and 72.9 metres. A "spacing wave" will be employed in each instance.

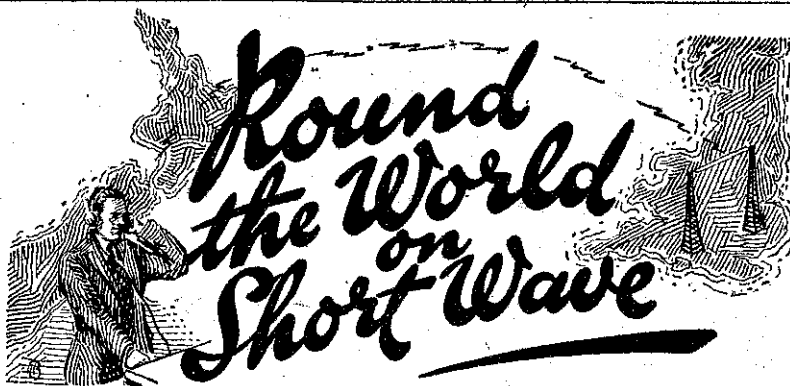
### Short-wave Sets on Ships.

OWING to the extreme range obtainable at comparatively low power with short-wave sets, they are being installed on an increasing number of ships. The Marconi Company has recently produced a short-wave combined telegraph and telephone transmitter known as Type T.N.7, with which communication has been established over distances of more than 6000 miles.

### W9XF, Chicago, U.S.A.

A SHORT-WAVE station with the above call has been heard here at good strength each evening during the past week till about 8 p.m. The call W9XF is given with the call WENR. The latter station operates on 345 metres (870 kilos.).

These stations are owned by the Great Lakes Radio Broadcasting Company, Chicago. Their slogan, which is often heard, is "The Voice of Service." Station W9XF transmits on a frequency of 6020 kilocycles, or 49.83



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.

metres. The power must be fairly high, judging by the volume it is received here. The main station, WENR, is 50 k.w.

### UOR2, Vienna.

THIS is the call of another short-wave station which I feel certain is the one heard here each morning from 6 till 6.15 o'clock on 49.4 metres. The transmission is all foreign talk, and once the call, as given above, was heard.

A recent English radio magazine gives the following particulars of this station: Wavelength, 49.40; call, Heir Kwrzwell-ensender, Ravag, Wien (UOR2), Vienna, Austria, experimental. Gramophone records and speech tests. Transmitting 1 a.m. Wednesday and Fridays; at completion of Vienna evening programme, Thursday and Sunday, about 11 a.m. (N.Z. times).

### KZRM and KIXR.

AN Australian writer says that KIXR is not the short-wave station of KZRM. According to a letter he recently received, KZRM operates on 485 metres (620 k.c.), and 48.8 metres. KIXR is an auxiliary of KZRM and has been heard on 24.5, 48.5, 48.9, and 31.66 metres.

### A Good Mixer.

WE understand that it is intended to install an "inverter" at the experimental short-wave station of the International Telegraph and Telephone Corporation at Trappes, near St. Cyr, France. The object of this apparatus, which we believe has been designed by Standard Telephones and Cables Ltd., is to prevent telephone messages being picked up by promiscuous listeners. This result is achieved by inverting the frequencies of the speech sounds so that high notes become correspondingly low and low ones high until the receiving equipment reverts the frequencies to normal. Wireless eavesdroppers, therefore, who may chance to pick it up will probably think they are listening to ultra-modern music.

### VK2ME and GBX.

THE announcer at 2ME stated one morning this week that they would be on 15 metres, and GBX 16 metres, next week. The exact fraction was not known, but each would be a little above the wavelengths given above. They hope to be able to carry on their duplex telephony tests throughout the 24 hours with a change of frequency to suit the period of the day.

Probably the most interesting short-wave reception during the week was the first broadcast service from the Jubilee Church, Fiji, on Sunday morning, October 20. This was by the Amalgamated Wireless (Australasia) Ltd. short-wave station VPD at Suva, working on about 20.5 metres.

The service was conducted by the Rev. R. L. Macdonald, chairman of the Methodist Mission in Fiji.

Reception, although not as strong as it has been from VPD, was fair speaker strength with some severe fading at times.

### Saturday, October 19.

STATION 7LO, Nairobi, at its best was about R3 with the usual morse and static trouble; in fact static was bad on all stations heard. Konigswusterhausen was quite good at R7.

PCJ commenced at 6.5 a.m. at R9 and continued with slowly decreasing volume till I closed at 7.30 a.m., when they were barely R8.

VOR2 was R5 with talk till about 6.15 a.m. when they closed down. A stranger on about 46.3 metres was heard, speaking in a guttural voice. Several "Hullos" were heard, but could not get a call. Strength was R6.

5SW was R7 at 7 a.m. They were too gushy to be readable. (I notice the short-wave writer of a Christchurch paper reports 5SW at the same time as "better than usual with piano solos, modulation excellent, and the usual ripple missing.") This proves that the locality of the receiver makes all the difference.

VK2ME with records, while waiting for GBX, was R9. PCJ was very poor during the afternoon. KDKA did not reach good volume till late in the afternoon; they were R7-8 at their best, spoilt by gushing.

2XAD was R6 at 4 p.m., which was the maximum. 3ZC, Christchurch, was excellent at R8. W9XF, at 5 p.m., was R8 with a varied programme till 8 p.m., when they closed down.

### Sunday, October 20.

STATION VPD, Suva, came through at 11 a.m. till 12.35 p.m. with service from Jubilee Church, Fiji. R8 at best with severe fading.

On about 21.8 metres at 3 p.m. a foreigner was heard at R8 with what appeared to be duplex telephony. "Allo" was heard several times; also plenty of laughing by the speaker.

KDKA was very weak and gushy. W6XN was not nearly so good as usual. 2XAF and 2XAC were both "on the air" with a special programme for the Byrd Expedition. The former station was the better as regards volume and clarity, being R9 at 4.30 p.m.

W9XF at 5 p.m. was R8, remaining at this till after 7 p.m. when strength decreased.

### Monday, October 21.

AT 6.10 a.m. VOR2 was R2 with singing. This is the first time I have heard music from this station.

On 41.8 metres (about) speech and music were heard at R2-3. 7LO was just audible at 6.15 a.m., increasing to R4 by 7 a.m. W9XF was spoilt by static. Volume about R7.

### Tuesday, October 22.

THE 41.8 metre station at 6.10 a.m., with foreign talk and orchestral music, was R4. 7LO just audible at

R2. 5SW, with Big Ben at 7 a.m., was R4, much weaker than usual. Konigswusterhausen also was weak—about R4. W6XN and W9XF were too weak to bother with.

VK2ME, R9, and GBX, R4, were on their usual duplex test. A play was being broadcast by KIXR on 31.6 metres at 10.15 p.m. Strength was R8-9. RA97, a lady was talking in English at 10.25 p.m., strength R8-9. Static was too bad to understand what it was all about and only odd words were readable.

### Wednesday, October 23.

ON 41.8 metres, talk and music was received at R4-5. The speech was very like German. "Allo, Allo," was heard several times at R4 on about 39 metres. Talk only was heard, the station closing down before 6.30 a.m.

7LO was very weak. Static was worse than usual on this African station. 5SW was too weak to bother with. On about 16 metres at 8.15 p.m. records were received at R6. Several items were heard without any call being given. Strong carriers of both 2ME and GBX were heard, but no speech was heard for some time. ZL2BE at R8 was working ZL2AW, who was R9. Both were very good.

### Thursday, October 24.

THE 41.8 foreigner was much better this morning, being R7 with what appeared to be a lecture.

7LO at 6 a.m. was R4, with rapid fading, as well as the usual static and morse. On about 42 metres a foreign voice could be heard at R4.

Konigswusterhausen was R8 with talk when tuned in just after 6 a.m. Big Ben was heard at 6 a.m. from 5SW at R6. Readability was very poor on account of gushiness.

W9XF at 7.45 was R7, unsteady with plenty of static and slow fading. The programme concluded at 8 p.m. VK2ME put on some records while waiting for GBX, calling London at intervals. Volume was good at R9. GBX was only R5 when they recommenced talking, being spoilt by static.

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Printed and published for the New Zealand Radio Publishing Company at the registered office, Wakefield Street, Wellington, by George Thompson, of Rima Road, Kaitiaki, Printer, and Roy Cecil Temple, of Te Kaitiaki, Kaitiaki, Publisher, Wellington, FRIDAY, NOVEMBER 1, 1929.

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