

# WIRELESS WEEKLY

Broadcast Programmes a Week in advance

VOLUME 10

Registered at the G.P.O., Sydney, for  
transmission by post as a Newspaper

NUMBER 10

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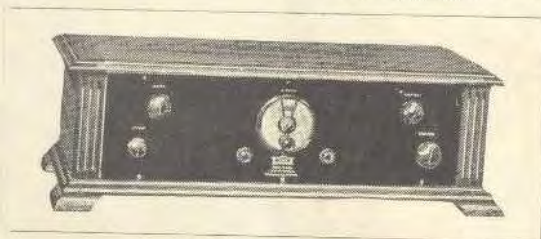
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W.W. 1/7/27

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# WIRELESS WEEKLY

VOL. 18, No. 18.

FRIDAY, 1st JULY, 1927.

## Broadcasting Stimulates Artists

**B**ROADCASTING is stimulating many artists to put forth greater efforts and enabling them to present better performances than they could ever achieve in personal appearances.

Programme directors are discovering many artists who are at their best when performing for the microphone. In the quiet of the broadcasting studio divorced from the mental pressure which a visible audience always causes, these artists can more completely utilize their talents. They are inspired by the fact that countless numbers of people are hearing them, while they are free from the nervousness which arises from the actual presence of listeners in any sort of personal appearance. Many artists experienced in stage work prefer the broadcasting studio to the theatre or the concert hall.

There have been outstanding examples in musical history of artists who could never do their best before large audiences. Consequently they have been listed among the great musicians of their day merely through their compositions.

Chopin is an example of a marvellous performer, whose real ability was never known beyond the comparatively small circle which included his intimate friends. Before them he could present his own and other composers' music in a manner which probably few pianists have achieved. But the thought of facing a great audience of people who were strange to him, kept his remarkable gifts as an artist from the world. We know him as a composer, not as a great performer.

Chopin would have made an outstanding radio artist. Alone with the microphone and a few of their friends, they could have allowed the world to enjoy his extraordinary gifts.

Radio work is more difficult than stage work in many respects. For that reason it gives an artist a better opportunity to

show his true worth. On the stage there are tricks of gesture and other artificialities which enable a singer to cover up vocal lispiness or voice imperfections. But the microphone, by removing the visual appeal, shows up all vocal tricks as just what they are.

Practically every one who attends a performance of a play carries with him some preconceived ideas of what he is about to see, with the result that the majority of theatre-goers are disappointed when the final curtain falls. Radio listeners can have no preconceptions of what they are to hear when they tune in a programme. Music over the air is bound to conjure up memories and mental images in the minds of those who hear it.

In the broadcasting studio the performer is not annoyed by the petty disturbances which are bound to occur when a large audience assembles in a concert hall. If radio listeners cough or rustle their programmes he cannot hear them, and if they move about in their chairs they cannot disturb.

Beyond the fact that conditions in the studio help an artist to concentrate radio work possesses other advantages from the artist's standpoint. A performer makes as many appearances over the air in six months as he would in the ordinary course of two or three years on the concert stage. This necessitates a much greater repertoire on the part of artists who are facing the microphone regularly.

Another advantage for broadcasting artists arises from the great catholicism of musical tastes possessed by those who listen to radio programmes. On the concert stage it is necessary to suit the selections to the tastes of the comparatively small group of people which will hear, but when facing the microphone, in the hope of pleasing a large number of those who are listening in, the artist must broaden the scope of his programmes.

# Catching Up with the Wireless World.

By R. E. CORDER.



**THE AFRICAN BROADCASTING COMPANY** is applying to the Southern Rhodesian Government for permission to erect a new relay station for the benefit of lonely settlers scattered over Rhodesia.

A **CABLE** HAS now been received from WGY, Schenectady, stating that the Australian programme submitted by 2FC will be broadcast on the night of Sunday, 24th July, from 8 o'clock to 8 p.m. (Sydney time), and that in preparation for this Australian programme, their station will, during the coming week, carry out several preliminary tests in low wave length.

**THE AMERICAN RADIO League** has been the medium to deliver a message originating in New Zealand from Lane Grey, famous author of western stories, to Phillips Carlin, of WEAF. The message, originating from the yacht Fisherman, cruising off New Zealand on April 28, was relayed from Honolulu and arrived at WEAF from station 6CUW, Bisbee, Arizona, on May 11.

**THEATRE PROGRAMMES:** The wide range which the broadcasting companies cover in preparing their daily and nightly programmes for listeners-in is indicated by evidence given before the Royal Commission on Wireless. It was stated that one station (2FC, Sydney) had the right of broadcasting musical and theatrical performances from the following:—J. C. Williamson's theatrical and musical productions at Her Majesty's Theatre, Royal, Criterion and Palace Theatres; J. and N. Tait's concerts and other musical and theatrical productions; Musgrave's Tivoli Theatres; Union Theatres' orchestral and other musical productions; Haymarket Theatres' orchestral and other musical productions; Prince Edward Theatre's orchestral productions and great organ recitals; Sydney Madrigal Society; Royal Apollo Club; Sydney Harmonie Society. Other broadcasting stations, of course, have their own special sources which they draw upon in preparing their programmes. Yet every now and then a voice is heard expressing dissatisfaction with the fare offered. Apparently it is impossible for any broadcasting station to please everyone.

A **BURTON INVENTOR** has made a crystal set in a beer bottle. Our experimental laboratory staff reports that on test the Bass came out very well.

"**THE INVENTION** of broadcasting has wholly changed the face of things musical," says Sir Walford Davis.

Perhaps that's why the voices of some "things musical" seem so unholy.

**WRESTLING DESCRIPTIONS:** The busiest man in Melbourne on Saturday afternoons is the man who answers the telephone in the studio of 3LO, Melbourne. In addition to the usual host of inquiries for information regarding sporting results there is a further constant responsibility—the tremendous number of people who ring up to find out whether the wrestling is to be broadcast.

**APART FROM** the indications revealed by the recent plebiscite conducted by a Melbourne newspaper it is obvious that the broadcast descriptions of wrestling bouts at the Melbourne Stadium occupy a paramount place in broadcast popularity, and the occasional news that arrangements prevent the broadcast entertainment cause much disappointment. Owing to the tremendous crowds which assail the Stadium on Saturday nights it is not always possible to make the necessary arrangements, thus it is not known until the last minute whether Mr. McCance can be heard over the air in his vivid impressions of the bouts.

**JONES** turned on his radio set and found he had cut in on the weekly medical talk from his favorite station. He heard:—

"And all medical authorities recommend Dr. Plooy's formula for ailments of the heart, lungs, stomach, liver, kidneys, intestines, pancreas, gall bladder, thyroid gland, oesophagus and verminiform appendix."  
"My word!" he declared. "An organ recital!"

**COMMISSIONS FOR REGULATING** radio seems to be spreading throughout the world. Italy is the latest country to have such a body as the head of the broadcasting in the Peninsula. This commission was set up by royal decree, and will begin its work by examining broadcast problems from all angles, artistic, commercial and technical. As the government has always been keenly interested in radio developments, it will be interesting to see the extent that Premier Mussolini will use this modern agent of propaganda.

## Laughing Competition

Considerable interest is being taken in the forthcoming laughing competition to be conducted by 3LO, Melbourne. Many listeners in town and country have notified their intention to enter. The date will be fixed within the next few days, and conditions of the competition will be available at the Studio of 3LO, Melbourne. The very thought of the competition has inspired "Whisker" to write the following:—

Though every poet, great and small,  
Fraisly leech the eaves of beauty's call,  
The best emotion of them all  
Is merry laughter;  
For love itself begins to pall,  
The morning after.

So very welcome is the least  
To God who does the best thing best;  
Each Laughing Jack may swell his chest,  
And wag his tail;  
There are no flowers, by request,  
For those who fail.

While other contests are decided,  
And bathing beauties blushing hide,  
As this affects our national pride,  
There'll be no hitch,  
And if you chance to split your side,  
Don't mind the stitch.

The spice of laugh's variety,  
From "la, ha's" of society,  
To roars at inappropriety,  
Will charm the eare;

There can be no satiety  
Of laughter's cheer.

For you will hear man's brazen throat  
Oppose his wife's falsetto note;  
Some laughs will scorn and some will flout,  
And some will scream,  
While through the air the mirth will float.—  
A wireless beam.

Let long and lusty laughs abound,  
To cheer Australia with their sound,  
For laughter makes the world so sound,  
So make it so.

Until our champion laughter's found  
By 3LO.

# 7ZL ON 3000 WATTS.

Have you Tuned in the Tasmanian Station Yet?

**L**ISTENERS with three and four valve receivers in the Eastern States are now adding 7ZL to their list of stations received. The Tasmanian station opened up on 3000 wats at its new station on Radio Hill, Hobart, early in June, and has since undergone a series of tests.

"According to reports received from the mainland" (and these number 150 this week), says Sidney F. H. Laws, general manager, in a letter dated June 6, "7ZL is being received particularly well in Queensland, N.S.W., South Australia, Victoria, and New Zealand.

"Unfortunately the company is still receiving the usual criticism from local listeners," he adds. "It is admitted that we are extremely sharply tuned, that our transmission is good, and that, contrary to what has been said in the past, the site of the station has proved everything I claimed for it. So far there has not been one individual report on 'blanketing'.

"The kick is now on the programmes, but I ask you, what is to be done, when I state that we are not yet receiving any revenue, and when we do, it will only amount in a year to what I understand H.O. receives in a couple of weeks."

Nevertheless, 7ZL has come through, and Mr. Laws is to be congratulated on his entering vocation.

It is really remarkable that the station has survived the rough weather it has experienced. The management has met with opposition from all sorts of directions, in which co-operation might have been expected. Delays occurred in the shipment and delivery of apparatus which hindered the installation of the station very considerably. It was even said at one of the meetings of the Listeners' League of Tasmania that the station would never be installed, and if by any chance it was, it would not be heard any farther south than the Midlands. This extremely pessimistic forecast has proved to be incorrect, as anyone with the slightest foresight would have known would be the case.

So far the station is suffering from the want of ready cash. There is a considerable sum of money waiting to be collected from the Postmaster-General's Department as soon as the station has been inspected by officials of the department, and certified as satisfactory. This inspection is now being made. So far, the station has been entirely erected and maintained on the capital of the company. The revenue from the present licence fees

paid in Tasmania is estimated at £2,600 per annum, a sum which only equals the present expenditure on the upkeep of the station. Once the station receives some of the licence fees which have been stored away for it, it will be able to improve the standard of the programmes broadcast, and so increase the number of licences held in the State, and as a result of this, increase its own revenue.

At the present time there is no official announcer, the work being done by the mechanical staff of the station. Such an arrangement means a considerable increase in the work which has to be done by the staff.

That the difficulties facing 7ZL are shared by all industries in Tasmania, which is just emerging from a period of depression, is proved by a talk delivered by Premier S. A. Lyons at 7ZL and rebroadcast by 2FC recently.

"I understand," said Mr. Lyons, "that this little talk will reach mainland listeners, and I feel that I cannot lose the opportunity of saying how greatly we have appreciated during the last 12 months or so the sympathetic interest which has been forthcoming from the larger States toward Tasmania. Our difficulties at one stage became almost insupportable, but if you are told that these troubles have arisen solely from past mismanagement of the country's

affairs, I ask you to reflect that we are not so fortunately circumstanced as the mainland States. I do not wish to recite our troubles, but I will mention such matters as the enormous cost, comparatively speaking, of our roads and railways, our insular position, our entire dependence on maritime transport, the annual loss of many of our virile young men, who seek the wider opportunities which more populous communities afford, and the burdens of post-war years. All these factors contributed to the difficulties which were eventually investigated

by the Commonwealth Government. These are far too complex for me to touch upon now, but all reasonable public men have conceded that Tasmania does not seek aims from the Commonwealth. On the contrary, we have asked for that reasonable consideration to which we are entitled by virtue of the fact that we are partners in the Australian Federation."

Hope for the rapid recovery and development of the industry was contained in the conclusion of Mr. Lyons' speech:

"I will conclude by saying that the position of Tasmania is now showing signs of a very decided improvement," he said. "This year, in public opinion, we will have an appreciable surplus of revenue over expenditure; the Government, with the concurrence of Parliament, has now embarked upon the reorganisation of the agricultural industry, which it is hoped will greatly increase production; there is every prospect of new industrial undertakings being established, in spite of many disappointments in this particular direction, and income tax was substantially decreased last year. I can say to all sincerity that I have the very greatest confidence in the future of our State. To our Tasmanian people I send the thanks of the Government for the encouraging support which we have been accorded in times of stress, and to our mainland friends I send greetings from Tasmania and all good wishes."

Sidney  
F. H. Laws.



# The Safety Valve

Readers are reminded that the opinions expressed by correspondents are not necessarily those of this journal. A fair measure of criticism is allowed but preference is given to letters combining interest with brevity. Anonymous letters are not considered



## POISON AND PIRATES.

Dear Sir,—In order to minimise "pirating," I would suggest that you advocate the adoption of regulations whereby every dealer—wholesale or retail—is required to keep a record of the name and address of every purchaser of a receiving set, complete or incomplete, valve or crystal.

This record would be available for the Radio Inspector, and pirates could more easily be traced. The same principle is applied to the Sale of Poisons in all States, and is beyond doubt successful in reducing the use of poisons for illegal purposes. Why should not the principle be successfully applied to minimising the illegal use of radio?

Yours, etc.,

"COUNTRY DEALER."

Queensland.

## ENTERTAINMENT—NOT POLITICS.

Dear Sir—I read your article in "Wireless Weekly" of June 17, and I must hasten to endorse your opinions concerning the State broadcasting scheme. I think this is a matter, since it vitally affects our present broadcasting, that should be taken up by every listener-in, and I would like to see some opinions vented through your columns.

There is an element of uncertainty in this scheme, which makes it sound very dubious, indeed, to the average layman. Personally I would not listen to politics over the radio, for five minutes. I regard broadcasting purely as an entertainment service, for which I pay quite enough, and I fail to see any reason why any portion of my license fee should go to supporting a station to be used for broadcasting the orations of any politician.

Yours, etc.,

RICHARD O'CONNOR.

Lavender Bay.

## RABID POLITICS.

Dear Sir,—Since when has it been the policy of "Wireless Weekly" to become an organ of anti-Langism?

To put it mildly, I was astonished when I read your leading article, "Station L A N G Calling." At whatever angle it is viewed, it calls for a lot of criticism, and I sincerely hope that in the light of cooler reflection, you will realise that it is bad manners, and bad policy, for a technical journal to go out of its way to indulge in rabid politics, when its readers embrace all shades of political opinion. Seeing that you have gone out of your way to offend a lot of your readers, I trust, in common fairness, you will give my letter in reply a space in your "grouch column."

Yours, etc.,

A. SOWERBY.

Dulwich Hill.

## FAULT IN RECEIVERS.

Dear Sir,—I have been reading the criticism of various readers in your valuable paper for some time. I am quite in accordance with Mr. W. F. Williams, of Bargo, when he states that the faulty reception is due to either the receiver or aerials or earth, etc.

Well, I have always found 2BL excellent, 2FC good, in the daylight, and at night sometimes a little blurred; 4QO seems to fade a lot with me; 4QC good.

With regard to programmes, I think they are all excellent, especially when you think of all the various features of amusement. My opinion is that we should leave well alone, and trust to the station managers to provide amusement to suit all tastes. It is a great improvement now that 2BL and 2FC are once again giving Morning Service, which will be well received by all listeners-in in the country.

Yours, etc.,

F. PEMBERTON.

Wombarrn.

## WAFFOR!

Dear Sir—Permit me to congratulate you upon the article, "Station Lang Calling," which you published on June 17. What on earth do we want a 15 kilowatt station for? On my set, which is a three-valve, home-made job, I get interstate stations pretty well, and 2BL and 2FC, besides the "B" class stations in Sydney. Personally, I consider we have quite enough stations in this State, and, in fact, after listening in night after night for months, I sometimes think we have too many. What we want is entertainment, and it is certainly not the function of any Government department to provide the stuff that we want over the wireless. There is too much political bunk spouted already, without pushing it over the air to the ears of listeners who have no desire to hear it. I sincerely hope the State wireless scheme meets the fate it deserves.

Yours, etc.,

F. ANDREWS.

Darlinghurst.

## CAN'T PLEASE EVERYBODY.

Dear Sir,—I entirely agree with "W.O.P." Leeton, who says there are a lot of dissatisfied listeners in N.S.W. There are plenty of stations to pick and choose from, and if one does not suit, turn to another. The stations can't please everybody, so, if we do not like a programme, put up with it or go without. Something is sure to suit us sooner or later.

Yours, etc.,

J. R. CLARKE.

Lismore.

## QUERY ANSWERED.

Dear Sir,—May I offer a further hint to a Queries Answered correspondent in a recent issue?

If a receiver using one or more condenser gangs appears to lose its pep, examine the coupling between the individual condensers. Laboratories report that these coupling mediums frequently slip, thus throwing one of the capacities "out of plumb."

Yours, etc.,

P.C.

Liabon.



# About Broadcasting

By Our 3LO Correspondent



Miss  
Morion  
Lightfoot,  
a talented  
banjoist in  
the 3LO  
programmes.

have undertaken many novel programmes. Competitions for singers have been conducted on many occasions and the interest taken has been a satisfactory acknowledgment of listeners' appreciation.

3LO, Melbourne, has given its audience the results of much thought and preparation in many of its novel features. The remarkable success of the Telepathy Test is well known. The Laughing Competition is still to be conducted and the contest for shorthand writers contained an appeal to many people.

Another competition is now being arranged by this enterprising station. It is a talking competition. Not a contest in talking exactly, but a competition of real educative value. It would be unfair to refer to it as a talking competition. It is to be a test in public speaking and there is a world of difference between talking and public speaking.

Apart from the educative interest in the matter of developing speakers capable of taking their part creditably as effective speakers in public affairs, listeners will have an opportunity of listening to various types of speakers. It may be said that there are already enough talkers in the programmes, but a properly conducted competition amongst young speakers cannot fail to interest many listeners and numerous entries are expected.

The conditions of the competition will be announced shortly. Listeners will certainly be interested in the competition, and as the speeches will be of only three or four minutes' duration, the preparation will be a test of condensation as well as delivery of the speech.

## THE NEW GOVERNMENT STATION.

I happened to travel on the same train a few days ago with Mr. Lang, the Premier of New South Wales, and I seized the opportunity to ask him what sort of programmes his contemplated new station would broadcast. I wondered whether it would be used for propaganda or whether it would have a wider outlook. Mr. Lang explained that it would be an ordinary Class "A" station, and that it was coming into being to supply the well-known "long-felt want" to the people outback who can now pick up the

big stations only with expensive sets. It is Mr. Lang's humanitarian purpose to establish relay stations in connection with the Government studio, so that crystal users in the country can get the same pleasure as his more fortunate city brother. "Why," he asked me, "should the farmer and the country dweller be forced to fork out for an expensive set merely because he lives outside the city? I am going to equalise the disparity and bring the pleasure the city gets so easily to the men and women whose lives need the brightness that radio can bring."

## IS WIRELESS HURTING THE THEATRE?

Beecham, the expatriated opera entrepreneur who has hurried from the United States such invective as wireless as the murderer of concerta proper, has probably exaggerated the effect of radio.

The other day, however, I was speaking to an actor of great intelligence, and we fell to discussing why so many good entertainments in the theatre were failing to attract the public.

"It is the fashion to blame the cinema," he said, "but in my opinion the wireless is responsible. Think how many families have it installed, and how pleasant it is on a winter's night to have the fire and the radio going, and listen with comfort to the rain on the windows. People go to the theatre to be entertained. Their boredom at home on a wet night must be greater than the discomfort of turning out in the rain or cold to send their car to the theatre, especially if they have already seen the show once.

"Now, in London and New York, if the play-going public pay ones to see a show, that play is assured of success. In Melbourne or Sydney, unless people will go twice or three times, the play makes only a moderate hit. My contention is that the wireless has made playgoers so comfortable and contented that they are turning down the second and third visits to the theatre."

If that is so, it is serious. The greater improvement in radio programmes, the more inducement for people to stick to their homes and let plays slide.

For myself, I think the phase will pass. The cinema ones threatened to ruin the theatre, but it weathered the storm. It will weather this radio gale in the same fashion.

UNOFFICIALLY it has come to my knowledge that a competition calling for One Act plays, specially suited for broadcasting, is going to be held shortly.

Ambitious playwrights who enter for this contest will have to glean a great deal they have absorbed from the works of great critics like the late William Archer. They can no longer rely on the by-play of actors. William can no longer "smooze to the applause, and turn slowly, while with a look of ineffable disdain he surveys his work."

Looks of ineffable disdain will not stand an air journey. They curl up and die en route. An entirely new technique must be born to carry radio drama. Up till now explanations and stage directions have been necessary. There will, in the new type of play, become as unnecessary and instructive as "titles" will be in the moving picture of the future. Competitors will have to realize that every sentence in the dialogue must carry a visual, as well as an aural, message. When William goes to the mantelpiece, the dialogue need not actually mention his change of position, but the "look of ineffable disdain" must certainly be implicit in the next words he utters. It is a more difficult medium than visual drama, but it will make for tremendous economy. It will be drama with no frills.

## A COMPETITION FOR PUBLIC SPEAKERS.

The managers of broadcasting stations in their efforts to provide diversified services for their listeners



**MR. RAIMUND PECHOTSCH**, the celebrated violinist who is entertaining the listeners-in at 2BL Broadcasters, with his marvellous violin playing.

He established himself in London, for many years appearing at the principal concerts and playing concertos in Sir Dan Godfrey's Symphony Orchestra at Rournemouth, England, on many occasions. Mr. Pechotsch's violin compositions are well known especially his "Cradle Song" and "Hungarian Rhapsody."

At 2BL he recently played "Paganini's Moise" on one string only; this is the solo which made Paganini famous. The story is told about Paganini that one night after his concert he drove to his hotel in a cab, and when he landed the exact fare, the driver was indignant and told him, "I know who you are, you are the celebrated Paganini; you play on one string and make your thousands and yet you only pay me this." "True," replied Paganini; "well, if you will drive me on one wheel, I'll pay you what you ask."

Mr. Pechotsch was one of the Principal Professors at the Guildhall School of Music, London.

#### SHORTHAND COMPETITION:

The directors of Studio 110 were delighted with the result of the recent shorthand competition, and were glad of the opportunity of meeting several of the competitors, who were a splendid example of the up-to-date educational methods of our schools and the business colleges of Melbourne. Naturally, they could not all get the first prize, but the shorthand tests submitted for adjudication were of such all-round excellence that the papers of the successful competitors were a perfect example of what an examination result should be, and their success was well merited.



**N.S.W. v. QUEENSLAND:** 2FC will describe this football match on Wednesday, 29th June.

**CYRIL MONK** is arranging a students' recital from 2FC studio on Monday afternoon, 4th July.

**ROYAL SYDNEY APOLLO CLUB** will be heard in their next programme, through 2FC, from Beale's Concert Salon, on Monday, 11th July.

**DR. HAIGH's** recital from St. Andrew's Cathedral will be given on Sunday, 10th July. This brilliant organist has already given much pleasure to 2FC listeners.

**JULES VAN DER KLEI**, the noted Belgian cellist, will be heard from station 2FC on Sunday night, 3rd July, in association with Raymond Ellis, who will include in his programme works with 'cello obligato.

**ON WEDNESDAY**, 6th July, in response to the many requests for a repetition of the concert which was broadcast by this station on 10th June, by the famous Cheer Girls, their entire show will be repeated.

**ANOTHER MEXICAN NIGHT:** Madame Consuelo de Aldag, in response to numerous requests, will give another lecture-recital on Mexican customs and music, from 2FC studio, on Sunday, 3rd July. Miss Annie Payne will give vocal illustrations.

**A REAL BRAV SCOTCH NIGHT** will be heard through 2FC from the Rockdale Society's concert to be held in Rockdale Town Hall on Saturday, 2nd July. The artists include Miss Peggy Dunbar, Miss Mabel Batchelor, Charles Lawrence, Alfred Cunningham, and others.

**ORPHAN'S WAIL:** The next Wail will be held at Warringah Hall on Monday, 4th July. As this is American Independence Day, Madame Evelyn Grieg and Madame Vera Tasma have collaborated in an American programme of typical music, including negro spirituals, folk songs, etc., which will be presented from 2FC studio.

**ALFRED O'SHEA**, Australia's foremost tenor, will appear next at 2FC studio, on Friday, 1st July.

**CHARLES RENTON**, the popular comedian from "Sunny," has been booked for a series of engagements with 2FC, commencing 6th July.

**W. F. KAY**, whose stage reminiscences are of such interest, will speak on "Behind the Scenes," on Wednesday, 6th July.

**DR. HENRY**, that much travelled and very interesting person, will give from 2FC studio, during one of his short stays in Sydney, a vivid description of "The Streets of Japan," on Friday, 8th July.

**FRANK HURLEY** will give the result of his third solo competition, and continue his exciting adventure series, on Wednesday, 29th, from 2FC. He will tell of the Mawson Expedition on 29th June.

**2YA, WELLINGTON** is due to commence operations on their 5 kilowatt power on Saturday, 9th July. A message of greeting will be sent from 2FC, and if the reception is satisfactory, a relay will be given between 7.30 and 8 (9 and 9.30 New Zealand time).

**MR. GERALD WALENN**, professor of the violin of the Conservatorium of Music, Sydney, has been booked for a series of engagements at 2BL on the following dates: Tuesday, 5th July; Tuesday, 12th July; Tuesday, 19th July; and Sunday, 24th July; Tuesday, 2nd August; and Sunday, 7th August.

**RAYMOND ELLIS** returns to Melbourne at the beginning of July, to fulfil engagements there, but he has still to make four appearances at 2FC before his departure. These are set down for 28th June, 3rd July, 12th July, 19th and 25th July. An opportunity will be taken by Mr. Ellis to present a Yiddish night, a popular comic opera night, an operatic night and a night devoted to old English songs. His farewell appearance will constitute a request night.

# It's All in the Air

Coming Features in the  
Broadcasting Programs

**SYDNEY MADRIGAL SOCIETY** will be heard through 2FC on Thursday, 14th July, from Pacing's Concert Hall. There is no doubt, choral work is one of the popular items on the air—and by "popular" we mean it is acceptable to high brow and low brow alike.

**NEW ARTISTS:** Some more 3LO artists to be heard from 2FC include J. Alexander Brown from Melbourne, and the English Futurists, who have just completed a long season with the southern station. Some well-known artists are included in this combination, such as Cyril Northcote and G. W. Diamond.

**ORGAN RECITALS:** Permission has been granted by the Sydney City Council for 2FC to present a series of Monday midday recitals given by the city organist, Mr. Ernest Truman. These will commence on July 11, at the conclusion of the present series being presented by Dr. Charles Jarman, from Christ Church S. Lawrence.

**NOVEL BOOK COMPETITION:** 2FC has hit upon rather a happy idea in their book competitions. The answerer, between items, will find a favorable opportunity of reading a paragraph or two from a well-known book—fiction, literature or poetry—and a copy of the book will be given to the listener whose correct solution is upped first. Quite a number of well-known volumes will be awarded in this way. The competition starts on Monday night, 4th July.

**A BRILLIANT FLAUTIST:** Mr. Stanley Baines, the well-known Melbourne flautist, has been engaged by Studio 3LO to broadcast a series of Sunday recitals. Mr. Baines is too well known in musical circles to need much introduction in these papers—suffice it to say that he commenced his studies at the age of seven, made a very successful first appearance at the age of eleven and has been heard by the public as a professional player since he was fourteen. During the bulk of Toti Del Monte's concert tour of Australia and New Zealand, Mr. Baines was associated with her as solo player and obligatist, and his artistic playing did much to enhance the success of the diva's tour.

**ADELAIDE MARKET REPORTS:** The market reports are to receive greater consideration at 3CL. In the near future a wealth of information hitherto unobtainable will be heard from the station. Particular attention will be paid to the broadcasting time of this information. Country listeners are invited by Central Broadcasters, Ltd., to write and give their ideas as to the most convenient times for the reports to be given.

**MERYL HOLLIDAY:** A contralto whose pleasing voice has been heard regularly through 2FC has been chosen as one of Fortune's favorites. She is the happy recipient of a Melba Scholarship, which carries twelve months at the Melbourne Conservatorium, entirely free tuition. Good luck to Miss Holliday, who goes to Melbourne with many pleasant recollections of her work in Sydney, not the least of which is her association with station 2FC.

**KEITH DESMOND:** Appearing in the programmes again at 3LO, Melbourne, is Mr. Keith Desmond, who, by the bye, must not be confused with Dismal Desmond of "The Futurists." Keith is equally at home in light and low comedy and drama. His rendition of "The Seven Ages of Man" stands out as a great dramatic triumph. In fact, all of his efforts are stamped with a certain distinctive individuality, and are greatly enjoyed by listeners.

**RADIO REVELS:** Laurence Halbert and his Revelers will trip light-heartedly through the programme at studio 2FC on Saturday, 16th July. Listeners are always asking for something new, and the "Radio Revels" is indisputable evidence of Mr. Halbert's desire to "fill this long-felt want." The artists include Wally Baynes, Gwladys Fimister, Peggy Peat, Shirley Cooke, Percival Spouse. Perhaps Mr. Halbert may be induced to sing, "The World is Waiting for the Sunrise."

**BRITISH OFFICIAL NEWS SERVICE:** The large English Post Office radio station at Rugby transmits news daily, and although great difficulty is experienced in receiving Rugby in South Australia, it is the intention of 3CL to let South Australian listeners have this news service twice daily. Experiments now in hand have shown that it is possible, and an announcement is expected at an early date.

**BY ARRANGEMENT** with Mr. E. J. Gravesbrook, station 2FC has been able to arrange for the appearance of Mr. Alexander Watson, the famous elocutionist, on Friday night, 24th June, at the studios. Mr. Watson has agreed to give a fifteen-minute talk on "Elocution and Public Speaking" in answer to a special request from a number of educational institutions.

**RAILWAYS NIGHT:** Tuesday, 5th, will be devoted to an evening in the Studio with the musical side of our Railway Service, and the Railways Institute Band, Musical Society and Dramatic Society will help us to help ourselves to some very fine entertainment. There will be very few sleepers among those that listen-in, and the evening is bound to be a signal success.

**HISTORICAL DIAMONDS:** These must be very few people in the world who have not been fascinated by the diamond. On Monday, the fourth, Mr. H. E. F. Lampe will commence a series of four weekly lectures on Historical Diamonds, tracing the tragic and eventful story of the "Orloff," the "Koh-I-Noor," the "Collinan," and other famous stones. Models of some of these may be seen in our own Museum and would be well worth inspection by those who intend afterwards to listen-in to Mr. Lampe.

**"RUDDIGORE":** Lovers of the delightful scores of the Gilbert and Sullivan operas (and who is not) will welcome the fact that Mr. James Hay—so long associated with their production—is to speak from Studio 3LO on the subject of the "Plots" of the various operas, giving special attention to the mystery surrounding the opera "Ruddigore," which, although on its production 30 years ago in London, enjoyed a measure of popularity, and played for 370 nights, was suddenly withdrawn without any explanation being given to the surprised public. Various conjectures were put forward—it was declared in political circles that the subject of the opera was causing strained relations between Britain and France—but no explanation was forthcoming. Now, Mr. Hay, who has been delving into the mystery, has gone through reams of old books and papers, and will attempt to unravel it during his interesting talk on "Ruddigore" at 3LO, Melbourne.

**"PERCY"—"THE SANDMAN'S" OFFSIDER:** Some people are very modest, they simply abhor the limelight. Such a person is "Percy" of 4QG bedtime story fame. Numerous children have written to the Sandman requesting particulars of "Percy," but Sandy respects the wishes of "Percy," who is not desirous of having his identity disclosed and reluctantly refrains from giving the children the information desired. Even numerous grown-ups enquire who "Percy" is, which suits much for Sandy's ventriloquial powers. It is to be hoped that no children, and at least few adults, will discover the identity of "Percy," which the above paragraph clumsily attempts to hide, because for the youngsters at least a good deal of interest would be lost if the real identity were known. The Sandman and "Percy" provide an immense amount of fun for all ages.

**MRS. M. CALLAWAY MAHOOD ON COLOR:** The very practical and interesting series of talks by 3LO, Melbourne's, art lecturer, Mrs. M. Callaway Mahood, are now dealing with "The Study and Use of Color." Mrs. Mahood is a most clear and delightful speaker, and her talks bring her many letters from listeners anxious to avail themselves of her very practical help in questions of artistic decoration. Her notes on the meaning and production of color have brought this fascinating subject right down to the hearths and homes of many who before had very little inkling of it.



Jack Win, of Win and Windie, the versatile entertainer, appearing at Studio 2FC.



Charles Reiton, comedizing in "Sunny," who has been booked for a series of engagements at 2FC.

**FLUTE SONATA BY KUBLAN:** Mr. C. Richard Chugg, whose flute-playing is so greatly enjoyed by listeners to 3LO, Melbourne, is to broadcast one of the celebrated Kublan Sonatas, Opus 83, No. 1, on Friday, 1st July, and will do Opus 110 by the same author the following week. At a later date he hopes to render certain Quintettes of the same composer for flute, violin, 2 violas and cello. It will be remembered that about six months ago the Melbourne Flute Quartet played Kublan's famous quartette for 4 flutes with very great success.

Kublan (pronounced Coolow) is known as the "Beethoven of the flutes." He flourished at the same period as Beethoven, of whom he was a warm friend. One of the greatest losses music has sustained was the destruction by fire of his collection of unpublished flute compositions. The Opus 83 No. 1 Sonata opens with a florid allegro, followed by a very beautiful Swedish theme, and concludes in a lively Rondo in ancient dancing time. Kublan's music is always most delightfully refreshing to listen to, and Mr. Chugg interprets it in a way which has won for 3LO, Melbourne, many compliments from flute lovers.

**JEAN GILLESPIE:** Early in July the popular young soprano, Miss Jean Gillespie, will make her first appearance before the microphone at 3LO, Melbourne. She has been engaged to appear at first in a series of midday sessions, and having a delightful voice of great range, and an extensive repertoire will be sure to please listeners-in.

**NEW ARTISTS AT 2FC:** Alison Dale, soprano, who will sing on 11th July. Edna Sinnott, soubrette, who has done good work with Billy Maloney's Revue, who appears on Tuesday, 12th July. Joyce Frey, the blind student, who studies under Gordon Lavers, and who has gained her L.A.E., will give violin solos on Wednesday, 12th July. Lorraine Jarman, soprano, will sing from the studio on 12th July.

**"INDEPENDENCE DAY":** Monday, 4th, being Independence Day, we are promised great doings at Studio 3LO—attractive programmes are being arranged for each session, and items illustrative of the Day will have pride of place. On this day, also, a particularly interesting series of talks to children by Miss A. M. Sheppard will commence entitled "Myths and Facts of the Commonwealth," from which listeners will learn that even the most everyday ordinary objects are surrounded with mystery, magic and legend, as old as the hills. For instance, how many people know that the homely pussy cat was once (and is now in some parts of the world) a sacred animal?

**"BACH'S MASS IN B MINOR":** A notable event in the musical programme broadcasted from Studio 3LO, on Wednesday, July 6th, will be the performance of Bach's Mass in B Minor, quite the most ambitious musical work broadcasted in Australia to date. Two very successful performances have already been given in Melbourne, and now it has been made possible for listeners in remote districts to hear this inspiring work. As in the first performance of the mass, the Postal Institute Choir of 180 voices will undertake the choral selections, and both choir and orchestra will render able assistance to the gifted soloists, under the capable baton of the conductor, Mr. George English.

**"LOST HEARTS":** "Lost Hearts," the delightful fairy playlet which is due for production at Studio 3LO on June 25th, by the pupils of Miss Yetty Landau, is a most fascinating trifle, in which the performers are all under the age of twelve years. The pianist is Miss Rosa Rosen, A.L.C.M., who will accompany the children, the Fairy Queen and Fairy Blue Bell, whilst they tell their young listeners delightful stories of the "Fairyland of Dreams" and of the "Wedding in Fairyland." Little Norma Davidson, who, in spite of her youthful years, has a great many theatrical successes to her credit, is to take the principal part, and the play takes place in that wonderful period of "Once Upon a Time."

"THE SPARKLERS": Rus Garing and his scintillating band will make their second appearance at studio 2FC, on Saturday, 9th July. The artists include Wifrid Thomas, Miss Peggy Dunbar, Miss Maids Jones, Ernest Archer, Charles Lawrence and Brunton Gibb. Mr. Garing has been asked to repeat his burlesque on the 2FC racing commissioner, which was so screamingly funny.

**MORE RADIO PLAYS:** Following the policy of broadcasting only "high class" items, the Theosophical Station, 2GB, has arranged for Mr. Walter Hunt, the examiner in elocution at the Conservatorium of Music, to broadcast a series of radio plays. Mr. Hunt is a very fine elocutionist. He informed the Royal Commission on Wireless recently that he had had a difference of opinion with the management of another Sydney Station (2FC), because when connected with that station he wished to broadcast three-act plays, whereas 2FC considered the listening public preferred one-act plays lasting only 15 or 20 minutes. As a matter of fact the same applies to 2GB, and the plays now being produced are of the one-act order. Mr. Hunt has trained a number of bright young dramatic artists (including Miss Doreen Bennett), who assist with his new series of plays.

**APPRECIATION:** When one is an artist, it is always pleasing to get letters of appreciation from listeners—but when words of congratulation travel 2500 miles, there is special interest attached to the message. During this week, Mr. Joe Brennan—a great favorite with all listeners—received a letter from a naval officer stationed at Port Moresby, Papua, who wrote asking if he could get a copy of the humorous sketch, "The Poller Station," posted to him. The officer wrote: "Reception was perfect with my 8-valve Neutrodyne, although we are approximately 2500 miles away, and we listened attentively to your sketch. We were so amused with it, that I am writing to ask you if you will let me know where it can be procured. We hear a good lot of you through 3LO, and must say that the radio makes a great difference to life aboard."

**PRIME MINISTER MAY BE HEARD OVER 5CL:** The Prime Minister (Hon. S. M. Bruce) will be visiting Adelaide shortly for the purpose of delivering the Joseph Fisher lecture at the Adelaide University. 5CL are making every endeavour to obtain permission to broadcast what will surely be a most interesting and instructive lecture. A further announcement will be made later.

# PRIZE £50

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Equal chance for all.

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An example of how a Set can be made from parts bought from us will be printed in full, in the July issue of "RADIO."

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**ONE CONDITION ONLY:**—All parts and accessories used must be purchased from us, and invoices tendered with Set to qualify for prize.

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### THE RUSH

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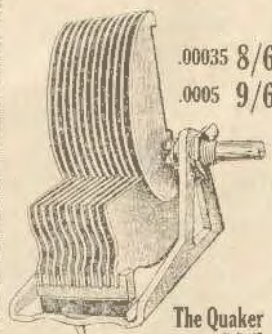
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1 5in. Dial	1 3	2 ECO Plugs and Sockets, 6d. each	1 0
1 30-ohm Ajax Rheostat	1 10	4 Terminals, at 3d. each	1 0
1 Ajax Standard Valve Socket	1 0	1 Bakelite Strip	0 3
1 Ajax Simple Circuit Jack	1 7	1 Wooden Baseboard, 11 x 7 x 1/2	1 0
1 Wireless .00025 Grid Condenser, with clips	1 9	6 Square Buswire	0 6
1 Ajax 2-meg. Gridleak	1 0		
1 Wireless .001 Fixed Condenser	1 6		
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Ebonite Panels, 9 x 7 x 3-16	1	4
Glass Enclosed Detectors	2	6
Carborundum Detectors	11	-
Claritone Headsets	£1	1/-
All Emmeo, Advance, Radiokes, Philips, Radiotron, Karas, lines in stock.		
The Conocoil Short Wave Coil Kit	£2	15/-

**The Economic Radio Stores**

25 New Royal Arcade, near Palace Theatre, Sydney. Tel. M 3049

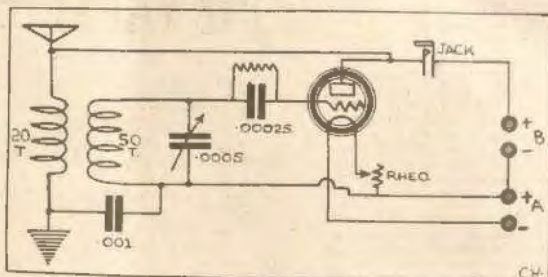
Branch: 569 Hunter St. West, Newcastle. Phone, New. 1622

Branch: Cr. Church & Macquarie Sts., Parramatta. Phone: UW 9601

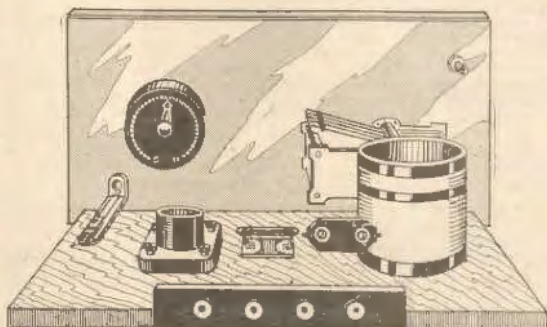
# An Extraordinary One Valve Receiver

**W**e make no apology for repeating this excellent article on perhaps the most popular one valve receiver ever described in this country. Many readers have made applications for the back number in which this article appeared, but so great was the demand that no copies were left.

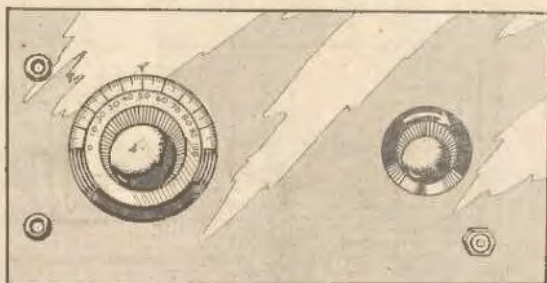
Now that the long winter nights are here this receiver will commend itself to those who desire to hear the interstate broadcasting stations at good earphone strength. The Extraordinary is simple to construct, cheap to maintain and will provide much interest to those who build it.



An explicit diagram showing the wiring.



Looking down on the back of the receiver.



Here's the view of the panel! Drill yours accordingly.

**O**NE may be pardoned by stating that the most popular single valve receiver published in "Wireless Weekly" was the Marnikay. Certainly it lived up to its reputation as a selective, distance getter, and to this day we receive reports of its excellence. The one-valve illustrated here will no doubt supersede the Marnikay, as it has all the good qualities of the Marnikay, without the bulkiness of filament control.

The main features of this receiver are ease of operation, maximum strength of broadcasting, and ability to bring in the distant stations. When tested at Dulwich Hill, 31.0 and 4QG were nicely heard without any background of 3BL or 2FC. Both local stations could be heard nicely on the loud speaker, although you must not be disappointed if your speaker won't answer too well, as the valve used was not of the ordinary run. Nevertheless remarkable volume for one valve is attained, and the clarity of reception is admirable. Another good feature of this little receiver is the cheapness of the parts. No expensive honeycomb coils and coil mounts to buy, simply a small piece of cardboard tubing and a few pennies worth of wire instead.

And it is very easy to construct. Start off with the winding of the coils. At a distance of 3/4 an inch from one end, drill two small holes, through which thread one end of your 24 gauge wire, making it secure.

Wind on 20 turns of wire, finishing off in a manner similar to the start. Leave a space of quarter of an inch, and wind in the same direction 50 turns of wire, securing at the beginning and end as before. The finished coil should resemble that one seen in the back of panel view.

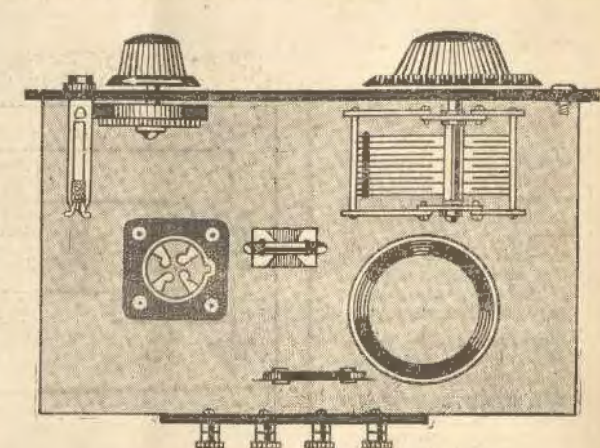
Leave this coil on the one side and drill your panel. A panel layout is not given, as we feel sure that the front view will suffice in this direction. The variable condenser and rheostat are on the same level, midway up the panel and spaced apart 5 inches. The rheostat is  $3\frac{1}{2}$  inches from the edge of the panel. Jack and Ecs are easily provided for.

Drill your panel and mount your components, then temporarily fix the panel to the baseboard and plot positions for your valve socket and coil. The coil should be stood on end immediately behind the condenser, the socket just behind the rheostat.

Two small brackets will hold the coil in position; or cut a piece of  $\frac{1}{2}$  in. wood, say 1 in. wide, and with a penknife carve off the square corners so that it fits just snugly inside the bottom of the coil former.

Screw this carved piece of wood to your baseboard, and fit your tube over it, screwing through your tube to make things firm.

You are now ready to wire up. Follow closely the back of panel wiring



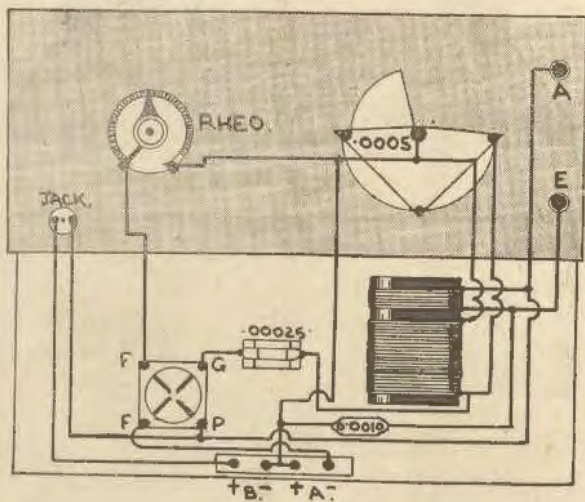
Clear view showing layout of parts.

diagram and the circuit, and this little job will be easily mastered. The back of panel view will prove of value to you in any doubtful connection.

Test out by connecting your batteries, aerial and earth, and plug in your 'phones. Don't put too much

"B" Battery on your valve for a start. Start with 22 or 25 volts, and tune in your station. If poor results accrue increase your "B" Battery, step by step, until best results are obtained. Perhaps even then you may find difficulty. If so, reverse the connections of your 50 turn portion of your inductance. This will fix it. The substitution of a smaller fixed condenser for the 001 may prove of value.

This little receiver will astonish you, but bear in mind, don't depart from the size of variable condenser or number of turns quoted here for the inductance. If you do, you might be disappointed. And if you add a stage of audio, separate "B" batteries will be required. Adding a stage of radio is not practicable.



The circuit. The plate is fed back to the aerial.

#### Parts Required:

- 1 Panel, 12in. x 7in. x 3-16in.
- 1 .0005 Variable Condenser.
- 1 Rheostat (to suit valve).
- 1 Valve Socket.
- 1 S.C. Socket.
- 1 .00025 Grid Condenser.
- 1 2 megohm Leak.
- 4 inches 3/16 diameter Bakelite or Cardboard Tubing.
- 4 ozs. No. 24 D.C.C. Wire.
- 2 Ecs.
- 4 Terminal on Board.
- 1 Baseboard, 10in. x 7in. x 1/2in.
- 6 Busbars.





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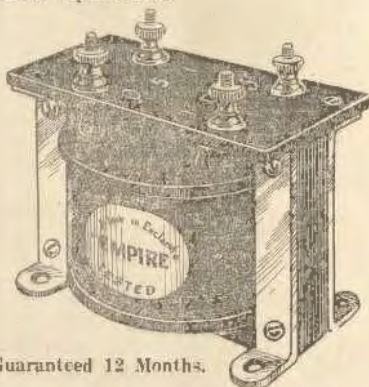
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# BROADCASTING PROGRAMMES

for the COMING WEEK

## Friday, July 1 2FC, SYDNEY.

Farmer's Broadcasting Service.  
Wave Length, 442 Metres.

### EARLY MORNING SESSION.

Announcer ... Mr. A. S. COCHRANE.  
7 a.m.—"Big Ben" and announcements.  
7 a.m.—Studio music.  
7.15 a.m.—COUNTRY SESSION: Official weather forecast, rainfall, temperature, astronomical memoranda, shipping intelligence, mail service.  
7.45 a.m.—Investment market, mining share market, metal quotations.  
7.55 a.m.—Wool sales, breadstuffs markets, Inter-State markets, produce markets.  
8.45 p.m.—"Sydney Morning Herald" summary.  
9 a.m.—"Big Ben." Close down.

### MORNING SESSION.

Announcer ... Mr. A. S. COCHRANE.  
10 a.m.—"Big Ben" and announcements.  
10 a.m.—Studio music.  
10.15 a.m.—"Sydney Morning Herald" news service.  
10.20 a.m.—Studio music.  
10.25 a.m.—A Reading.  
10.35 a.m.—Single music.  
11 a.m.—"Big Ben."  
Marching music for school children.  
11.5 a.m.—A.P.A. and Router's Cable Services.  
11.10 a.m.—Studio music.  
11.15 a.m.—A talk on Home Cooking and Recipes by Miss Ruth Forst.  
11.30 a.m.—Class down.

### MIDDAY SESSION.

Announcer ... Mr. A. S. COCHRANE.  
Accompanist, Mr. EWART CHAPPEL.  
11 noon—"Big Ben" and announcements.  
12.3 p.m.—Stock Exchange, first call.  
12.35 p.m.—Official weather forecast, rainfall.  
12.4 p.m.—Studio music.  
12.15 p.m.—Summary of "Sydney Morning Herald" news service.  
12.20 p.m.—Studio music.  
12.35 p.m.—Marching music for school children.  
12.45 p.m.—EVA WEBB-JONES, mezzo:  
"Yinka's Song" (Stoutman).  
12.45 p.m.—Studio music.  
1 p.m.—"Big Ben." Weather intelligence.  
1.3 p.m.—"Evening News" midday news service.  
Producers' Distributing Society's Report.  
1.20 p.m.—Studio and announcements.  
1.25 p.m.—Stock Exchange, second call.  
1.30 p.m.—Marching music for school children.  
1.40 p.m.—EVA WEBB-JONES, mezzo:  
"Banna" (Hague).  
1.45 p.m.—Studio music.  
2 p.m.—"Big Ben." Close down.

### AFTERNOON SESSION.

Announcer, Mr. LAURENCE HALBERT.  
Accompanist, Mr. EWART CHAPPEL.  
2 p.m.—"Big Ben" and announcements.  
2.3 p.m.—Recital by Mrs. Stuart Duke's pupils:  
1. MAVIE BENNINGTON, pianoforte solo:  
"Fanciful Impressions in F" (Chopin).  
2. A. MRS. VICTOR CALLE, violin solo:  
"Ave Maria" (Schubert).  
3.14 p.m.—J. MASTER HUBBELL HUANEYTT, song:  
"Blush, O my Baby" (Daly).  
3.15 p.m.—J. MONA WOPPELL, pianoforte solo:  
"Babara" (du Gran).  
3.25 p.m.—"Big Ben."  
"The Old Clock" (Drummond).  
3.35 p.m.—Marching music for school children.  
3.40 p.m.—PEGGY DUNBAR, contralto (from Farmer's Tea Rooms):  
"The Add Nee" (Longfellow).  
3.45 p.m.—MASTEE RUSSELL, RUOINNEY, pianoforte solo (Mrs. Stuart Duke's pupils):  
"Sinking on the Ice" (Crawford).  
3.55 p.m.—PERLA BUTTER, soprano:  
"Just for Today" (Harding).  
3.55 p.m.—Studio music.  
4 p.m.—IRENE DUNCAN, dramatic soprano (from Farmer's Tea Rooms):  
"Moonlight Eves" (Troepke).  
4.5 p.m.—Studio music.  
4.10 p.m.—ETHEL MULLER, contralto:  
"Lie Here my Love" (Mazurka).  
4.15 p.m.—PERLA BUTTER, soprano:  
"The Rites of Love" (Bourne).  
4.20 p.m.—PEGGY DUNBAR, contralto (from Farmer's Tea Rooms):  
"Melisande" (Gott).  
4.25 p.m.—Studio music.  
4.30 p.m.—A Reading.  
4.40 p.m.—IRENE DUNCAN, dramatic soprano (from Farmer's Tea Rooms):  
"Pezara Fable" (Rudhi).  
4.45 p.m.—Stock Exchange, third call.

4.47 p.m.—ETHEL MULLER, contralto:  
"Just a ray of sunlight" (Bourne).  
4.50 p.m.—Studio music.  
5 p.m.—"Big Ben." Close down.

### EARLY EVENING SESSION.

#### CHILDREN'S HOUR.

Announcer ... Mr. A. S. COCHRANE.  
5.45 p.m.—"The Cubes of 2FC."  
5.50 p.m.—"The Hello Man" talks to the children.  
6.30 p.m.—Story time for the young folk.  
6.40 p.m.—Dinner music.  
6.50 p.m.—"Big Ben." Late sporting news, by the 2FC Racing Commissioner.  
7.10 p.m.—Daly's market reports (wool, wheat and stock).  
7.15 p.m.—Fruit and vegetable markets.  
7.20 p.m.—Weather and shipping intelligence.  
7.25 p.m.—"Evening News" late news service.

### NIGHT SESSION.

Announcer, Mr. LAURENCE HALBERT.  
Accompanist, Mr. EWART CHAPPEL.  
7.45 p.m.—Programme announcements.  
7.50 p.m.—Studio music.  
8 p.m.—"Big Ben."  
THE CRYSTAL PALACE THEATRE ORCHESTRA. Conductor, Mr. HARRY STONE.  
Overture and incidental music in connection with the production of the Australian Play.  
"THE TERM OF HIS NATURAL LIFE."  
8.20 p.m.—GRAHAM KENT completes his series of talks on "Bridges." His subject to night is:  
"STANDARD AUTHORITY."  
8.32 p.m.—J. ALEXANDER BROWNE, baritone (from M.O. Melbourne):  
"When The Seresana Maid's on Parade" (Linnstaff).  
8.35 p.m.—CLYDE THORPE, violin solo:  
"Believe" (Borich).  
8.40 p.m.—MARGARET JAMES, soprano:  
"Love will find a way" (Hibson).  
8.45 p.m.—THE CRYSTAL PALACE THEATRE ORCHESTRA Conductor, Mr. HARRY STONE.  
8.54 p.m.—J. ALEXANDER BROWNE, baritone:  
(a) "Al Grenon Fair" (Marie).  
(b) "Believe" number.  
9 p.m.—"Big Ben."  
Mr. H. C. THOMAS: A Talk on Dancing.  
9.10 p.m.—MARGARET JAMES, soprano:  
"I wonder if over the Rose" (Slater).  
9.15 p.m.—CLYDE THORPE, violin solo:  
"Lamented" (Kreidler).  
9.21 p.m.—AD CREW, Scotch comedian.  
9.25 p.m.—HARRISON WHITE, basso solo:  
(a) "Baroque" from "The Tales of Hoffmann."  
(b) "Pie Tron" "Me Tro" (Womala).  
9.29 p.m.—J. ALEXANDER BROWNE, baritone (from M.O. Melbourne).  
9.32 p.m.—CLYDE THORPE, violin solo:  
"Hanno Esanghe" (Grandes-Breider).  
9.35 p.m.—MARGARET JAMES, soprano:  
"Brother's Song" (Scott).  
9.38 p.m.—THE CRYSTAL PALACE THEATRE ORCHESTRA. Conductor, Mr. HARRY STONE.

NEW SOUTH WALES "A" AND "B" CLASS BROADCASTING STATIONS.

1FC—Farmer's Broadcasting Station, Ltd., Sydney, wavelength 442 metres, power 5000 watts.

2BL—Broadcasters' Ltd., Sydney, wavelength 238 metres, power 5000 watts.

2GB—Theosophical Broadcasting Station, Ltd., Sydney, wavelength 318 metres, power 500 watts.

2KY—Trades and Labor Council, Sydney, wavelength 226 metres, power 1500 watts.

3BW—The Herald, Sydney, wavelength 287 metres, power 500 watts.

3MK—Meekler Bros., Bathurst, wavelength 275 metres, power 250 watts.

3UE—Electrical Utilities Supply Co., Sydney, wavelength 225 metres, power 250 watts.

3BE—Barrington Electric Co., Sydney, wavelength 310 metres, 100 watts.

3HD.—H. A. Douglas, Newcastle, wavelength, 228 metres, 100 watts.

Canada cheese Burgess for her outposts.

- 9.49 p.m.—AD CREE, Scotch comedian.  
 9.54 p.m.—MARGARET JAMES, soprano; "Are My Lanterns Shining?" (Phillips).  
 9.58 p.m.—CLAUDE THORPE, violin solo; "Minuetto" (Milanolo-Burmester).  
 10.2 p.m.—AD CREE, Scotch comedian.  
 10.7 p.m.—THE CRYSTAL PALACE THEATRE ORCHESTRA.  
 Conductor, Mr. HARRY STONE.  
 10.20 p.m.—HARRISON WHITE, baritone solo; (a) "Kentucky Tollyho" (Donaldson), (b) March, "No. 47" (Brown).  
 10.27 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA. Conductor, Mr. Frederick Leighton.  
 10.40 p.m.—CELEBRITY RECORDS from the Studio.  
 10.47 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA.  
 10.57 p.m.—Late news and announcements.  
 11 p.m.—"Big Ben." THE WENTWORTH SYMPHONIC DANCE ORCHESTRA. In popular numbers. Conductor, Mr. Frederick Leighton.  
 11.15 p.m.—National Anthem.  
 Close down.

## 2BL, SYDNEY.

Broadcaster's Ltd.

Wave Length, 363 Metres.

### Friday.

#### EARLY MORNING SESSION.

- 7 a.m.—G.P.O. clock and chimes.  
 Metropolitan weather forecast.  
 7.2 a.m.—State weather report.  
 7.4 a.m.—Ocean forecast.  
 7.6 a.m.—News service.  
 7.16 a.m.—Fruit market report.  
 7.18 a.m.—Vegetable market report.  
 7.21 a.m.—A.M.L. and F. Co's report.  
 7.24 a.m.—Dairy farm produce market report.  
 7.26 a.m.—Poultry market report.  
 7.30 a.m.—G.P.O. clock and chimes.  
 Musical programme from the Studio.  
 7.57 a.m.—News service.  
 8.02 a.m.—Boats in call by wireless.  
 7.44 a.m.—Mail information, shipping arrivals and departures and port directory.  
 7.48 a.m.—News service.  
 8 a.m.—G.P.O. clock and chimes.  
 Close down.

#### MORNING SESSION.

- 10.30 a.m.—G.P.O. clock and chimes.  
 Musical programme from the Studio.  
 10.40 a.m.—News from the "Daily Telegraph."  
 10.50 a.m.—Musical programme from the Studio.  
 11 a.m.—G.P.O. clock and chimes.  
 Announcements.  
 11.6 a.m.—Musical programme from the Studio.  
 11.15 a.m.—Talk by Miss Gwer. Varley. Broadcasters' women's sports authority.  
 Social notes. Replies to correspondents.  
 Talk by Mrs. Jordan on "Feeding the Family."  
 12 noon.—G.P.O. clock and chimes.  
 Special ocean forecast and weather report.  
 12.3 p.m.—Musical programme from the Studio.  
 12.15 a.m.—Information, Mails and shipping, and port directory.  
 12.18 a.m.—Boats in call by wireless.  
 12.20 p.m.—Fruit market report.  
 12.22 p.m.—Vegetable market report.  
 12.24 p.m.—London metal market report.  
 12.26 p.m.—Dairy and farm produce market report.  
 12.30 a.m.—G.P.O. clock and chimes.  
 Foreign market report.

- 12.32 p.m.—Fish market report.  
 12.34 p.m.—Bullish market report.  
 12.36 p.m.—News from the "Sun."  
 12.45 a.m.—Hillier's Instrumental Quartet—Direction, Cary Castling.  
 1.30 p.m.—G.P.O. clock and chimes.  
 News from the "Sun."  
 1.45 p.m.—Musical programme from the Studio.  
 1.57 p.m.—Stock Exchange reports.  
 2 p.m.—G.P.O. clock and chimes.  
 Close down.

#### AFTERNOON SESSION.

- Facing information broadcast immediately after each race, by courtesy of the "Sun."  
 3 p.m.—G.P.O. clock and chimes.  
 News from the "Sun."  
 3.15 p.m.—Civil Service Stores Trio, Direction, Miss de Courcy Dwyer.  
 3.20 p.m.—G.P.O. clock and chimes.  
 Talk to children and special entertainment for children in hospital.  
 4 a.m.—G.P.O. clock and chimes.  
 Civil Service Stores Trio.  
 4.15 p.m.—Serial story.  
 4.35 p.m.—Musical programme from the Studio.  
 4.46 p.m.—News from the "Sun."  
 4.55 p.m.—Racing reports.  
 4.52 p.m.—Resume of night's programme.  
 4.54 p.m.—Announcements and what's on.  
 4.58 p.m.—Special ocean forecast.  
 5 p.m.—G.P.O. clock and chimes.  
 Close down.

#### EARLY EVENING SESSION.

- 5.45 p.m.—G.P.O. clock and chimes.  
 Uncle George and the kiddies.  
 5.55 p.m.—Musical programme from the Studio.

#### SPECIAL COUNTRY SESSION.

- 7 p.m.—G.P.O. clock and chimes.  
 Australian Mercantile, Land, and Finance Co's report.  
 Weather report and forecast by courtesy of Government Meteorologist.

#### INTERSTATE "A" AND "B" CLASS BROADCASTING STATIONS.

- 2LD.—Broadcasting Company of Australia, Ltd., Melbourne, wavelength 371 metres, power 5000 watts.  
 4QU.—Queensland Radio Service, Brisbane, wavelength 355 metres, power 2000 watts.  
 5CL.—Central Broadcasters' Ltd., Adelaide, wavelength 395 metres, power 5000 watts.  
 6WF.—Westralian Farmers, Ltd., Perth, wavelength 1250 metres, power 5000 watts.  
 7Z.—Tasmanian Broadcasters, Ltd., Hobart, wavelength 535 metres, 3000 watts.  
 2AH.—Associated Radio Co., Ltd., Melbourne, wavelength 484 metres, power 1500 watts.  
 3DB.—Druelich Business and Technical College, Melbourne, wavelength 265 metres, Dwyer 500 watts.  
 3UZ.—G. J. Nelson & Co., Melbourne, wavelength 315 metres, power 100 watts.  
 4GR.—Gold Radio Electric Service, Toowoomba, Queensland, wavelength 294 metres, power 100 watts.  
 5KA.—Sport Radio Broadcasting Station, Adelaide, wavelength 350 metres, power 1000 watts.  
 1DN.—SDN Pty., Ltd., Adelaide, wavelength 315 metres, 500 watts.

- Producers' Distributing Society's fruit and vegetable market report.  
 Stock Exchange reports.  
 Grain and fodder report ("Sun").  
 Daily produce report ("Sun").  
 7.15 p.m.—Country news from the "Sun."  
 7.30 p.m.—Talk on "Gardening Techniques" by Mr. Cooper, Park Superintendent, City Council.  
 8 p.m.—G.P.O. clock and chimes.  
 Broadcasters' Topical Chorus.  
 8.2 p.m.—Mr. David Smith, baritone.  
 8.10 p.m.—Miss Elsie Findlay, soprano.  
 8.15 p.m.—Mr. C. G. King, mandolin/cello solo.  
 8.24 p.m.—Miss Grace Quinn, descriptive artist.  
 8.31 p.m.—Broadcasters' all-sports expert will talk on football.  
 8.46 p.m.—Broadcasters' Trio.  
 8.53 p.m.—Resume of following day's programme.  
 9 p.m.—G.P.O. clock and chimes.  
 Weather report and forecast by courtesy of Mr. C. J. Mars, Government Meteorologist.  
 9.3 p.m.—Miss Hazel McClelland, mezzo-soprano.  
 9.9 p.m.—Mr. Will Cherry in imitations of birds and animals.  
 9.19 p.m.—Graham and Manning, in song and story.  
 9.34 p.m.—The Sporting Editor of the "Sun" will talk on the prospects of Saturday's racing.  
 9.54 p.m.—Broadcasters' Trio.  
 10.4 p.m.—Miss Grace Quinn.  
 10.11 p.m.—Mr. C. C. King.  
 10.13 p.m.—Miss Hazel McClelland.  
 10.25 p.m.—News reports by courtesy of the "Sun" Newspapers.  
 10.30 p.m.—Miss Elsie Findlay.  
 10.45 p.m.—Mr. David Smith.  
 10.50 p.m.—Broadcasters' Trio.  
 11 p.m.—G.P.O. clock and chimes.  
 National Anthem.

## 2GB, SYDNEY

Theosophical Broadcasting Service.

Wave Length, 316 Metres.

### Friday.

#### MORNING SESSION.

- 9 a.m.—Music.  
 9.8 a.m.—"Theistic" Talk.  
 9.15 a.m.—Music.  
 9.25 a.m.—Psychological Class.  
 9.40 a.m.—Music.  
 9.45 a.m.—Health and Diet.  
 10 a.m.—Close down.

#### AFTERNOON SESSION.

- 3.30 p.m.—Music.  
 3.37 p.m.—"Hints for Home Makers" by Mrs. Dupeux.  
 3.52 p.m.—Music.  
 4.7 p.m.—Talk by Mrs. E. Wood.  
 4.22 p.m.—Music.  
 4.30 p.m.—Close down.

#### EVENING SESSION.

- 6.30 p.m.—Children's Session.  
 7 p.m.—Music.  
 7.5 p.m.—"Vivisection," Mr. Ainsworth-Smith.  
 7.15 p.m.—Music.  
 7.20 p.m.—Address by Mr. R. E. Bennett.  
 7.30 p.m.—Music.  
 7.35 p.m.—Address by Mr. J. K. Powell.  
 7.50 p.m.—Announcements.

- 7.30 p.m.—Violin Solo by MONICA HOLDER  
"Venezian Folk Song," arr. by Kreisler.  
8 p.m.—Trio.  
8.15 p.m.—Address by Mr. A. E. Barnett.  
8.30 p.m.—Songs by MISS BERTHA MUNNIE:  
1. "I Hear a Thrush at Eve."  
2. "Hush."  
8.45 p.m.—A Half Hour with the 2GB String  
Quartet: LYDIA DAVIES, MONICA HORDER,  
MURIELLE LANG, ADA BROOK.  
9 p.m.—"Reading Broken Mel." by the Rev.  
B. J. S. Hammond.  
9.15 p.m.—Songs by MISS BERTHA MUNNIE:  
1. "Wells Across the Sea."  
2. "Where My Caravan Has Stopped."  
9.30 p.m.—Musical Monologues by Mr. J. E.  
Peevel.  
9.45 p.m.—Instrumental Trio:  
MONICA HORDER, MURIELLE LANG,  
ADA BROOK.  
9.55 p.m.—"Check" Talk.  
10 p.m.—Close down.

## 3LO, MELBOURNE.

Broadcasting Co. of Aust.

Wave Length, 371 Metres.

Friday.

## MIDDAY SESSION.

- 12 noon.—Time Signal, British Official Wireless from Bangs, Reuter's and the Australasia Press Association Cables. "Aussie" news service. "Herald" news service.  
12.30 p.m.—THE DARBY TRIO:  
"Tramcar of Dreams" (Florida).  
"Violin Solo, "Album Leaf" (Hans Ritt).  
"Gimme a Little Kiss" (Jack Smith).  
"Signs" (Mancini).  
12.45 p.m.—STUDIO ORCHESTRA:  
"In a Chinese Temple Garden" (Kretzbach).  
12.50 p.m.—Stock Exchange Information.  
1.10 p.m.—HARRY NORTH, Concertina.  
1.20 p.m.—JOE BRENNAN AND IDA NEWTON:  
"No Fog."  
1.30 p.m.—STUDIO ORCHESTRA:  
"Russian Dance" (Frim).  
1.45 p.m.—Meteorological Information.  
1.55 p.m.—JEAN GILLESPIE, Soprano:  
"Sings my Mother Song" (Grimsbach).  
"The Love Note" (Rosen).  
2.10 p.m.—STUDIO ORCHESTRA:  
"Moment Musical" (Schubert).  
2.15 p.m.—HARRY NORTH, Concertina:  
"Dance."  
2.30 p.m.—JEAN GILLESPIE, Soprano:  
"The Retriever" (Loughborough).  
"Is a Letter for You" (Hathaway).  
2.45 p.m.—MYRIEL ROBERTSON, Violin:  
"Romance" (Svendsen).  
2.55 p.m.—STUDIO ORCHESTRA:  
"The Blue Butterfly" (Custant).  
3 p.m.—Close down.  
3.45 p.m.—Description of Associated Public Schools of Victoria Football, MELBOURNE GRAMMAR v. GEELONG GRAMMAR SCHOOL.  
  
AFTERNOON SESSION.  
3 p.m.—STUDIO ORCHESTRA:  
"Summer Day Suite" (Coffin).  
4.10 p.m.—Description of ASSOCIATED PUBLIC SCHOOLS OF VICTORIA FOOTBALL, MELBOURNE GRAMMAR SCHOOL v. GEELONG GRAMMAR SCHOOL.  
4.25 p.m.—DR. A. R. FLOYD, Organ Recital, transmitted from St. Paul's Cathedral: "Acquiesce"—From a symphony. (Tchaikowsky).  
"Andante in B Flat" (S. S. Wesley).  
"Dante in A"—Last two movements (Mendelssohn).

- 3.40 p.m.—Description of ASSOCIATED PUBLIC SCHOOLS OF VICTORIA FOOTBALL, MELBOURNE GRAMMAR SCHOOL v. GEELONG GRAMMAR SCHOOL.  
4.00 p.m.—STATION TRIO:  
"Trio for Flute, Violin and 'Cello" (Haydn).  
4 p.m.—"AU PATT":  
"Fashion Talk."  
4.10 p.m.—CARLTON CHASE:  
"Sunday."  
"It'll be Happy."  
4.15 p.m.—Description of ASSOCIATED PUBLIC SCHOOLS OF VICTORIA FOOTBALL, MELBOURNE GRAMMAR SCHOOL v. GEELONG GRAMMAR SCHOOL.  
4.25 p.m.—STUDIO ORCHESTRA:  
"Sinf" (Schubert).  
4.35 p.m.—MRS. M. CALLAWAY BARHOOD:  
"The Study and Use of Colour."  
4.40 p.m.—"Herald" news service. Stock Exchange information.  
5 p.m.—Description of ASSOCIATED PUBLIC SCHOOLS OF VICTORIA FOOTBALL, MELBOURNE GRAMMAR SCHOOL v. GEELONG GRAMMAR SCHOOL. Final notice.  
5.10 p.m.—Close down.

## EVENING SESSION.

- 5.30 p.m.—Answers to Letters and Birthday Greetings.  
5.50 p.m.—"BILLY BINNY":  
A Story for the Little Ones.  
6 p.m.—HARRY NORTH, concertina selections.  
6.15 p.m.—THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TODAY IS FOR CHILDREN:  
"Never play dangerous games such as 'Last Across' or 'Touch Mulgooler,' and stop anyone else from doing so."  
6.30 p.m.—RUSSELL CALLAWAY, Tenor:  
"Hawthorn's Song" (Biss).  
"Dive a Man a Horse He Can Ride" (O'Hara).  
6.45 p.m.—MR. TAYLOR will talk to the children about:  
"The Junior Red Cross."  
6.55 p.m.—Official Report of Newmarket Stock Sales. Numbers of Tracks ordered for following Week's Sales.  
7.10 p.m.—"Herald" News Service.  
Weather Synopsis, Shipping Movements.  
7.47 p.m.—Stock Exchange Information.  
8.00 p.m.—Fish Market Reports by J. R. Sorrett. Ed. Rabbit Prices.  
8.25 p.m.—Rever Reports.

NEW ZEALAND STATIONS:  
1YA, Auckland, The Radio Broadcasting Co. of New Zealand, Ltd.  
Power 500 Watts; Wave-length, 420 Metres. Silent Night, Monday.  
2YA, Wellington, The Radio Broadcasting Co. of New Zealand, Ltd.  
Power 120 Watts; Wave-length, 295 Metres.  
3YA, Christchurch, The Radio Broadcasting Co. of New Zealand, Ltd.  
Power 500 Watts; Wave-length, 400 Metres. Silent Night, Thursday.  
4YA, Dunedin, The Radio Broadcasting Co. of New Zealand, Ltd.  
Power 750 Watts; Wave-length, 435 Metres.

- 6.55 p.m.—Market Reports of Fruit, by the Victorian Fruitgrowers' Association, compiled by "The Fruit World," exclusive to 3LO.

## NIGHT SESSION.

- 7.15 p.m.—Under the auspices of the Department of Agriculture, Mr. G. H. F. BAKER, Live Stock Expert:  
"Preparing a Farm for Sale."  
7.30 p.m.—STUDIO ORCHESTRA:  
"Musical Gems" (Tchaikowsky).  
7.40 p.m.—DARBY TRIO:  
"Less than the Dust" (Fisher).  
Piano, "November" (Tchaikowsky).  
"If Don't do Nothing but Rain" (Cook).  
7.55 p.m.—STUDIO ORCHESTRA:  
"Value of the Home" (Hollies).  
8 p.m.—THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TODAY IS FOR MOTORISTS: "Better be safe than sorry. When it rains, put on chains. Drive safely or not at all."  
Announcements.  
8.5 p.m.—COLLINGWOOD CITIZENS' BAND:  
March, "Under the Freedom Flag."  
Overture, "Terzina."  
8.15 p.m.—ISABEL BIDDEL, Contralto:  
"Silent Moon" (Vaughan Williams).  
"Lullaby" (Cyril Scott).  
8.25 p.m.—C. RICHARD CHUGG and AGNES FORTUNE, Flute and Piano:  
"Grand Sonata in G major," Op. 85, No. 2 (F. Kuhlau).  
8.35 p.m.—MADAME LAMBERT, Soprano:  
"Dance in E-flat" (Lachner).  
8.45 p.m.—STUDIO ORCHESTRA:  
"March from Symphonie Leonore" (Raff).  
8.55 p.m.—MR. H. K. LOVE:  
"Technicities."  
9 p.m.—COLLINGWOOD CITIZENS' BAND:  
"Echoes of Mendelssohn."  
9.12 p.m.—JOE BRENNAN AND IDA NEWTON:  
"Insurance."  
"Alphabetical Diary."  
9.22 p.m.—HARRY NORTH, English Concertina:  
"Familiar Airs."  
9.30 p.m.—MR. C. J. WILLIAMS:  
Saturday's Station Feast.  
9.40 p.m.—ISABEL BIDDEL, Contralto:  
"Sink Red Sun" (Bel Rogers).  
"The Wind Song" (Rogers).  
9.47 p.m.—STUDIO ORCHESTRA:  
"Mina"—Trio (Percepioni).  
9.57 p.m.—MADAME LAMBERT, Soprano:  
Sensation, "East" (Gounod).  
"Rondel" (De Lussan).  
10.4 p.m.—"CARDIGAN" (Mr. H. W. Wolfe, Sporting Editor of the "Araucari" and the "Australasian"), will speak on Saturday's Races.  
10.11 p.m.—Road Notes, supplied by the Automobile Club of Victoria.  
10.15 p.m.—"CARLTON CHASE":  
"Sweet Child."  
"Buy It Again."  
10.25 p.m.—COLLINGWOOD CITIZENS' BAND:  
"The Huzzars are Telling."  
10.35 p.m.—"Herald" News Service. Meteorological Information. British Official Wireless News.  
10.45 p.m.—HARRY NORTH, English Concertina Selections.  
10.52 p.m.—COLLINGWOOD CITIZENS' BAND:  
Corned Solo, "Zenobia."  
Soloist, J. Robertson.  
11 p.m.—OUR GREAT THOUGHT:  
"This life a theatre, we all may see. Where every actor must perform with us. Or laugh it through, and make a farce of it."  
Or learn to bear with grace his tragedy that's Robert's Blood.  
11.1 p.m.—JOE ARDSON AND HIS SYNCHRONISTS.  
11.40 p.m.—GOD SAVE THE KING.

## 3AR, MELBOURNE

Associated Radio Co.

Wave Length, 484 Metres.

Friday

MORNING NEWS SESSION, 11 to 12 noon.

MATINEE SESSION.

DANCE CONCERT.

8.30 p.m.—Studio Orchestra, (Direction: Mr. Harold Brierley).

2.45 p.m.—Mr. Ernest Puffer, Clarinet: "Cavatina" from "Robert the Devil" (Meyerbeer).

8.02 p.m.—Avarz Dances (Direction: Mr. Roy Charles).

8.0 p.m.—Miss Ethel Brentley, Piano: "Hungarian Dance" (Brahms-Muskowski).

8.15 p.m.—Studio Orchestra: "Ballet Suite, Coppelia" (Delibes).

8.17 p.m.—Mr. Herbert Puffer, Violin: "Romance" (Savonius).

8.10 p.m.—Studio Orchestra: "Where Nil Waters Flow" (Paul Andre).

4 p.m.—G.P.O. Clock says "Four."

8.1 p.m.—2nd Weather forecast.

8.4 p.m.—Mr. Robert Allen, Alto: "Garden of Happiness" (D. Wood), "A Song of Hours" (Haydn Wood).

8.12 p.m.—Avarz Dances, Fox Trot: "He's the Last Word" (Donaldson).

8.11 p.m.—Mr. Robert Allen, Alto: "Come to the Fair" (Bairns), "Friend O' Mine" (Sanderson).

8.12 p.m.—Studio Orchestra: "Woodland Sketches" (MacDowell).

8.4 p.m.—Tonight's Amusement Guide.

8 p.m.—G.P.O. Clock says "Five." Close down.

CHILDREN'S SESSION.

8.12 p.m.—"The Farnyard Five," Transmitted from Kookaburra Gully, the 3AR up-country station.

EVENING SESSION.

VAUDEVILLE AND CONCERT.

7.30 p.m.—Health Talk by Mr. George Beattie, Principal of the Benthie College of Physical Culture.

7.45 p.m.—Tomorrow's Races, Special review and tips by our turf adviser, "Field Guide."

7.5 p.m.—Market reports, Week-end tourist guide.

8 p.m.—G.P.O. Clock says "Eight."

8.1 p.m.—Mr. Eric Aitken, "The Human pianoglyph."

Selection: "Rose Marie" (Friml).

8.2 p.m.—Mr. T. James Lloyd, Tenor: "Fading Bell" (Edward Byrrell), "Over the Dreamland Sea" (L. Lyell-Phillips).

8.15 p.m.—Mr. W. J. Caffrey, Irish Humourist: "Stories from the Emerald Isle."

8.25 p.m.—Mrs. Fietze Gordon, Contralto: "Loch Lomond" (Russell), "The Carpet" (Sanderson).

8.30 p.m.—Mr. Jack Carter and Mr. Charles Buchanan, Hawaiian Duo: "The Hawaiian Duo."

8.35 p.m.—Mr. J. Harcourt-Bailey, Entertainer: in one of the most humorous sketches yet written.

"Smoking" (Mel. E. Stuart).

8.47 p.m.—Miss Elvye Stewart, Souhrette: "Me Too" (Sherman), "I've Got the Girl" (Donaldson).

8.54 p.m.—Mr. Eric Aitken, Synopist at the Piano: "Blue Evening Blues" (Bauer), "When You and I Were Seventeen" (Hosoff).

9.2 p.m.—Miss Rovina Chisholm, M.A., Principal of the Emily McPherson College of Domestic Economy.

9.17 p.m.—Miss Florrie Gordon, Contralto: "Inon the Burn" (Old Scotch), by request, "Don't You Mind the Sorrows" (E. Cowles).

9.25 p.m.—Mr. W. J. Caffrey, the "General Islander." Further yarns and quips from his inexhaustible collection.

9.32 p.m.—"The Russian Duo in "Lilang Melodias."

9.38 p.m.—Miss Elvye Stewart, Souhrette: "Wait Until Tomorrow" (Merzdith).

9.46 p.m.—Mr. J. Harcourt-Bailey, Entertainer: "The Vogli's Curse" (C. J. Winter).

9.52 p.m.—Mr. T. James Lloyd, Tenor: "It Made you Happy" (Donaldson), "Just a Bird's Eye View" (Donaldson), "Accompianist, Mr. Walter Quirk."

10 p.m.—G.P.O. Clock says "Ten."

10.1 p.m.—"Age" News Bulletin.

10.5 p.m.—Dance Hour with Leggett's Ballroom Orchestra (Direction: Mr. Harry Nangle).

11 p.m.—G.P.O. Clock says "Eleven." GOD SAVE THE KING.

## 4QG, BRISBANE

Queensland Radio Service.

Wave Length, 385 Metres.

Friday

MIDDAY SESSION.

1 p.m.—Market reports, weather information, "The Daily Mail" and "The Daily Standard" news.

FROM HOTEL CARLTON—

1.28 p.m.—Lunch Hour music played by Hotel Carlton Symphony Orchestra.

FROM THE OBSERVATORY—

1.38 p.m.—Standard time signal.

2 p.m.—Close down.

AFTERNOON SESSION.

FROM HOTEL CARLTON—

2.28 p.m.—Afternoon Tea Music played by Hotel Carlton Symphony Orchestra.

FROM THE STUDIO—

4.10 p.m.—News service supplied by "The Telegraph."

4.20 p.m.—Close down.

EARLY EVENING SESSION.

6 p.m.—"Daily Standard" news, weather information, announcements.

8.30 p.m.—Redline stories by "The Sandman."

7 p.m.—Market reports, Stock reports.

7.20 p.m.—Weather news, announcements.

7.48 p.m.—Standard time signal.

NIGHT SESSION.

W.E.A. MUSIC CLASS.

The Workers' Educational Association's Tutorial Classes in Music are being held this season in the reception hall at 4QG, and are being conducted by Mr. George Sampson (Musical Adviser, Department of Public Instruction), Lecturer in Music, Teachers' Training College.

The object of holding the classes at 4QG is to broadcast both the lectures and the music, and so make available to a large audience the educational matter placed before the students. The classes will extend over a period, and will be held each Friday night.

The ordinary lecture-note which is usually given at 7.45 p.m. will be dispensed with, and the classes will begin at that hour.

The tutor, Mr. Sampson, will lecture during the first portion of each evening, and chamber music will be played after such lecture.

7.45 p.m.—W.E.A. Music Class. The lecture

will be illustrated by the following artists: Mrs. George Sampson (piano), Miss Edith Lawrill (violin), Miss Gwen de Grant (cello), Miss Marjorie Stuart (cello). The quartette will play "Quartette in B-Minor" (Lohr).

9 p.m.—Week-end road information for motorists, officially supplied by the Royal Automobile Club of Queensland.

STUDENTS' RECITAL.

The second portion of the programme will comprise a dramatic recital by the students and players of Miss Nell Douglas Graham.

8.10 p.m.—A prologue (J. Donaldson), Miss Sheelagh Doyle, a trio of powder and patch, "Society of the Heart" (Dobson)—Ninety

Miss Patricia McGregor, Ninette (Miss Agnes Finney), Miss Marie Poyser will tell you about "His First Love Tenders";

Miss Gerrie Sorghal, in a Shakespearean recital, "Queen Katherine's Defence" (Henry VIII); Mr. Noel Chandler in a musical monologue, "Playmate" (Ogilvie); a few minutes with Charles Dickens, scene from

Nicholas Nickleby—Kate Nickleby (Miss Louisa McIntyre), Miss Enay (Miss Dorothy Webster), Madame Martindale (Miss Nancy Neild), Miss Simonds (Miss Agnes Finney), a young lady (Miss Sylvia Smith). Scene: "A

young lady (Miss Sylvia Smith). Scene: "A dramatic recital, "Edinburgh after Flood-

den" (Latham); Mr. Noel Chandler will tell you about her friend "Bill"; Estelle Dent

and Alf Petratic, in a one-act comedy, "The Dream House" or "The Dipper" (Bertha Moore).

FROM THE STUDIO—

Weather news; football news. Close down.

## 5CL, ADELAIDE

Central Broadcasters, Ltd.

Wave Length, 395 Metres.

Friday.

MORNING SESSION.

12 noon—G.P.O. Chimes.

12.1 p.m.—Recitals on the "New Reproducing Sonora" and the "Autolone Reproducer."

12.30 p.m.—"Advertiser" news service.

12.50 p.m.—Market reports.

1 p.m.—12 Chimes.

1.1 p.m.—Recitals on the "New Reproducing Sonora" and the "Autolone Reproducer" continued.

2 p.m.—G.P.O. Chimes and close down.

AFTERNOON SESSION.

3 p.m.—G.P.O. Chimes.

3.1 p.m.—Relay from the Maple Leaf Cafe—Orchestra selections.

3.45 p.m.—From the Studio: Recitals on the "New Reproducing Sonora" and the "Autolone Reproducer."

4 p.m.—G.P.O. Chimes.

4.1 p.m.—Relay from the Arcadia Cafe—Orchestra selections.

4.55 p.m.—Signal, Announcements.

5 p.m.—G.P.O. Chimes and close down.

EVENING SESSION.

8 p.m.—G.P.O. Chimes.

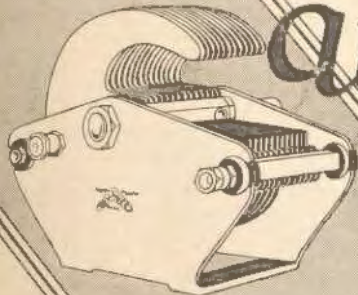
8.1 p.m.—Dinner music by The Central Garden Restaurant Orchestra.

8.42 p.m.—Orchestra's bedtime stories.

7.25 p.m.—Market Report.

7.30 p.m.—Society Talk by "Metropolitans."

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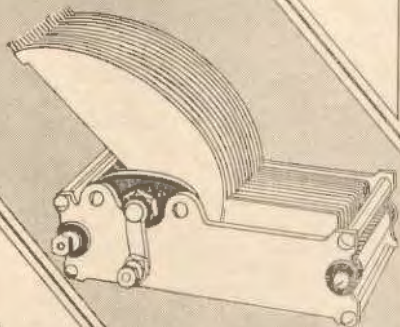
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George Street, Sydney.



"Advance" Straight Line Frequency Condenser.

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.00075	10 -
.00025	10 6

7.50 p.m.—Football Talk by Mr. E. Johnstone.  
8 p.m.—G.P.O. Chimes.  
8.1 p.m.—Malcolm Reid's Orchestras.  
8.30 p.m.—Lecture for Commercial Men.  
9 p.m.—G.P.O. Chimes.  
9.1 p.m.—Weather Report.  
9.3 p.m.—Dalgety's Whist Report.  
9.4 p.m.—Song, Mrs. Keith Steward.  
9.6 p.m.—Cello solo, Mr. G. Goldsworthy.  
9.10 p.m.—Song, Mrs. Keith Steward.  
9.14 p.m.—Agricultural Talk by Mr. R. Hill.  
9.30 p.m.—Song, Mrs. Keith Steward.  
9.35 p.m.—Cello solo, Mr. G. Goldsworthy.  
9.38 p.m.—Tenor solo, Mr. Keith Clark.  
9.39 p.m.—Cello solo, Mr. G. Goldsworthy.  
9.42 p.m.—Recitation (numerous), Mr. D. Benjamin.

9.47 p.m.—Tenor solo, Mr. Keith Clark.  
9.50 p.m.—Recitation, Mr. D. Benjamin.  
9.55 p.m.—Tenor solo, Mr. Keith Clark.  
10 p.m.—G.P.O. Chimes.  
10.1 p.m.—Advertiser News Service.  
10.15 p.m.—Song, Mr. H. Tideman.  
10.18 p.m.—Recitation, Mr. D. Benjamin.  
10.22 p.m.—Song, Mr. H. Tideman.  
10.28 p.m.—Pianoforte solo, Mr. Tom King.  
10.32 p.m.—Williams' Mandolin Band.  
10.42 p.m.—Song, Mr. H. Tideman.  
10.46 p.m.—Williams' Mandolin Band.  
11 p.m.—G.P.O. Chimes and close down.

## 6WF, PERTH

Westralian Farmer's,  
Wave Length, 1250 Metres.

### Friday

12.30 p.m.—Tune in.  
12.35 p.m.—First Local News Bulletin.  
Market Reports.  
Cables.  
1 p.m.—Time signal from Perth Observatory.  
1.1 p.m.—Weather Notes supplied by the Meteorological Bureau of Western Australia.  
1.3 p.m.—STUDIO QUINTETTE.  
2 p.m.—Close down.  
3.30 p.m.—Tune in.  
3.55 p.m.—Musical programme.  
4.30 p.m.—Close down.  
6.45 p.m.—Tune in.  
6.50 p.m.—Musical evening for the Kiddies by Aunt Marjorie and Evelyn, and Uncle Henry, Leslie, Perry, Duffy, and Rag.  
7.20 p.m.—Stock and Share Intelligence.  
Market Reports.  
Cables, News by courtesy of "The West Australian" Newspaper Coy.  
7.45 p.m.—Talk by "Cathie" on Saturday's Racing.  
8 p.m.—Time signal from Perth Observatory.  
8.1 p.m.—Weather Notes supplied by the Meteorological Bureau of Western Australia.

### POPULAR NIGHT.

8.3 p.m.—Musical programme, including Arrivals.  
The Misses Suttien and Foley, instrumental duo, of the s.s. Karoola.  
MISS EVELYN RUSSELL, mezzo-soprano.  
MISS EVELYN WILLIS, A.R.C.M., pianist.  
9 p.m.—Talk "Gardening Notes" by Mr. R. A. Hughes, representing Messrs. Dawson and Harrison.  
9.38 p.m.—Late News items by courtesy of "The Daily News" Newspaper Coy.  
Edips with range announcement.  
Weather Report and Forecast.  
10 p.m.—Health Talk by Mr. H. S. Hutton, of the Hutton School of Physical Culture.  
10.30 p.m.—Close down.

## Saturday, July 2 2FC, SYDNEY

### EARLY MORNING SESSION.

Announcer ... Mr. A. S. COCHRANE.  
7 a.m.—"Big Ben" and programme announcements.  
7.5 a.m.—Studio music.  
7.16 a.m.—COUNTRY SESSION: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services.  
7.25 a.m.—Investment market, mining share market, metal quotations.  
7.35 a.m.—Wool, grain, breadstuffs markets.  
7.45 a.m.—State markets, produce markets.  
7.45 a.m.—"Sydney Morning Herald" news service.  
8 a.m.—"Big Ben" Close down.

### MORNING SESSION.

Announcer ... Mr. A. S. COCHRANE.  
10 a.m.—"Big Ben" and announcements.  
10.5 a.m.—Studio music.  
10.15 a.m.—"Sydney Morning Herald" news.  
10.30 a.m.—Studio music.  
10.35 a.m.—A talk by the 2FC Racing Commissioner.  
10.40 a.m.—Studio music.  
11 a.m.—"Big Ben" Studio music.  
11.5 a.m.—A.P.A. and Reuter's Cables.  
11.10 a.m.—Studio music.  
11.35 a.m.—A talk on Gardening by Mr. G. J. Lockley ("Belgium").  
11.40 a.m.—Close down.

### MIDDAY AND AFTERNOON SESSIONS.

Announcers ... Mr. A. S. COCHRANE,  
Mr. LAURENCE HALBERT.  
12 noon—"Big Ben."  
Stock Exchange, first call.  
12.3 p.m.—Studio music.  
12.35 p.m.—Risky wireless news.  
"Sydney Morning Herald" news service.  
NOTE: The whole of the events of the Rose-Hill Races will be described in the running by the 2FC Racing Commissioners.  
1 p.m.—"Big Ben" Weather Intelligence.  
1.2 p.m.—"Evening News" midday news service.  
1.30 p.m.—Studio music.

NOTE: During the intervals of sporting events, musical items will be given from the studio, including  
ERIC HARRISON, ENTERTAINER.

(a) "Gimme a Little Kiss" (Smith).  
(b) "Knoedeen in Daisies" (Ash).  
(c) "A Humorous Experience in Switzerland" (Harrison).  
(d) "My Cutie" (Dun) (Harrison).  
THE WESTWORTH SYMPHONIC DANCE ORCHESTRA, conducted by Mr. Frederick Loughton, will also be heard at intervals throughout the afternoon.  
1.50 p.m.—Resume of the day's sporting events.  
2 p.m.—"Big Ben." Close down.

### EARLY EVENING SESSION.

#### CHILDREN'S HOUR.

Announcer ... Mr. A. S. COCHRANE.  
8.45 p.m.—The Chimes of 2FC.  
8.50 p.m.—The "Hello Man" talks to the children.  
8.60 p.m.—Story time for the Young Folk.  
8.40 p.m.—Dinner music.  
7 p.m.—"Big Ben." Late sporting information.  
7.30 p.m.—Weather intelligence.  
7.18 p.m.—"Evening News" late news service.  
7.38 p.m.—Studio music.

### NIGHT SESSION.

Announcer, Mr. LAURENCE HALBERT.  
Accompanied, Mr. EWART CHAPPIE.  
7.50 p.m.—WIN and WINDLE, entertainers: "Oh, Law" (Win).

8 p.m.—"Big Ben."  
FROM THE ROCKDALE TOWN HALL.  
A programme arranged by the Rockdale and District Scottish Association, Organiser, Mr. J. Manahan.  
PIPER KEITH CLUB, Pipe Selection: "Highlanders' March" by Loch Kaituma.  
8.8 a.m.—ALFRED CUNNINGHAM 4, baritone: "Son of Mine" (Wallace).  
8.18 p.m.—MABEL BATCHELOR, soprano: "Better Birds a Wee" (Clarabel).  
8.24 p.m.—HELMAN WILLIS, violin solo: "A Scottish Poem" (McDowell).  
8.33 p.m.—PEGGY DUNBAR, contralto: "Kilnsey Bay" (Gatty).  
8.40 p.m.—ERNEST ARCHER, tenor: "Loss of Killern".  
8.48 p.m.—CHARLES LAWRENCE, entertainer:  
Songs at the piano.

9 p.m.—During the interval of the Rockdale Concert, an item from the Studio: WIN and WINDLE, entertainers: "Love, and all about it."

9.12 p.m.—Part Two: Programme from the Rockdale and District Scottish Association: PIPER KEITH CLUB, Pipe Selection: "Murray's Welcome."  
9.20 p.m.—ALFRED CUNNINGHAM, baritone:  
"In the Heather, my Lads" (Lohr).  
9.30 p.m.—MABEL BATCHELOR, soprano: "Will ye go come back again" (Lawn).  
9.40 p.m.—HELMAN WILLIS, violin solo: "Scottish Air."  
9.50 p.m.—"Mauroka, de Concert" (Masin).  
9.50 p.m.—ERNEST ARCHER, tenor: "Lunchleaves".

10 p.m.—PEGGY DUNBAR, contralto: "Far, Far, Awa'" (Boyd).  
10.10 p.m.—CHARLES LAWRENCE, entertainer:  
Songs at the Piano.  
10.20 p.m.—"Auld Lang Syne" (A'Body).  
10.25 p.m.—FROM THE STUDIO: WIN and WINDLE, entertainers: "I wonder what it feels like to be Poor?"  
10.35 p.m.—DANCE BAND.  
10.45 p.m.—Celebrity records.  
10.57 p.m.—Late news and announcements.  
11 p.m.—"Big Ben."  
DANCE BAND in popular numbers until 11.45 p.m.  
11.45 p.m.—National Anthem.  
Close down.

## 2BL, SYDNEY

### Saturday.

#### EARLY MORNING SESSION.

7 a.m.—G.P.O. clock and chimes.  
Metropolitan weather forecast.  
7.2 a.m.—State weather report.  
7.4 a.m.—Ocean forecast.  
7.4 a.m.—News service.  
7.18 a.m.—Fruit market report.  
7.18 a.m.—Vegetable market report.  
7.18 a.m.—Australian Mercantile, Land, and Finance Co.'s report.  
7.24 a.m.—Dairy and farm produce market report.  
7.28 a.m.—Poultry market report.  
7.30 a.m.—G.P.O. clock and chimes.  
Musical programme from the Studio.  
7.35 a.m.—News from the "Sun".  
7.42 a.m.—Boats in call by wireless.  
7.44 a.m.—Mail Information, Shipping arrivals and departures and port directory.  
7.48 a.m.—News service.  
8 a.m.—G.P.O. clock and chimes.  
Close down.

#### MORNING SESSION.

11 a.m.—G.P.O. clock and chimes.  
Musical programme from the Studio.  
11.15 a.m.—Special notes by Mrs. Jordan.  
Talk on "Stimulating Cooking for Children," by Mrs. Jordan.

#### AFTERNOON SESSION.

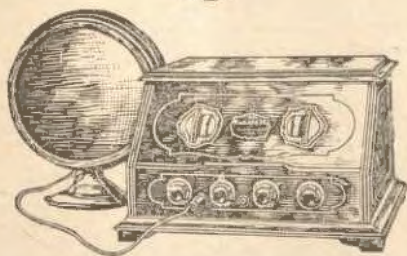
12 noon—G.P.O. clock and chimes.  
Special ocean forecast and weather report.  
12.1 p.m.—News from the "Sun."



# 7 Valve Results

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**GENERAL ELECTRIC**  
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- 12.15 p.m.—Sporting and athletic fixtures.  
 12.17 p.m.—What's on at the pictures and theatres.  
 12.20 p.m.—Musical programme from the Studio.  
 12.40 p.m.—News from the "Sun."  
 12.50 p.m.—Racing resume.  
 12.55 p.m.—Musical programme from the Studio.  
 1 p.m.—G.P.O. clock and chimes.  
 1.10 p.m.—Programme from the Studio.  
 1.14 p.m.—Sporting talk and athletic fixtures for the day. Lawn-tennis, hockey, tennis, football, sailing, boating.  
 1.20 p.m.—Musical programme from the Studio.  
 1.30 p.m.—G.P.O. clock and chimes.  
 1.32 p.m.—Serial story.  
 1.44 p.m.—Musical programme from the Studio.  
 1.57 p.m.—Racing resume.  
 2 p.m.—G.P.O. clock and chimes.  
 2.05 p.m.—Talk to children and special entertainment for children in hospital.  
 2.25 p.m.—Racing resume.  
 2.30 p.m.—G.P.O. clock and chimes.  
 2.35 p.m.—News from the "Sun."  
 During the afternoon sporting information will be broadcast by courtesy of the "Sun," interspersed with musical items and broadcast of football matches.  
 3 p.m.—Racing resume.  
 3.5 p.m.—Close down.

## EARLY EVENING SESSION.

- 4.45 p.m.—G.P.O. clock and chimes.  
 Uncle George and the kiddies.  
 4.49 p.m.—Musical programme from the Studio.  
 7.14 p.m.—Results of all sporting information, including racing, bowls, tennis, athletics, by courtesy of the "Sun."  
 7.30 p.m.—Country news from the "Sun."  
 8 p.m.—G.P.O. clock and chimes.  
 Broadcasters' Topical Chorus.  
 Musical programme by Helene Siverach (soprano), Amy Oatings (contralto), Enoch Jeffere (tenor), and Peter Sutherland (bass).  
 Brian will talk on "Corroboree of the Lost Soul."  
 10.13 p.m.—The Ambassadors' Dance Band broadcast from the ballroom of the Ambassadors. "Sun" news will be broadcast during intervals.  
 12 o'clock.—G.P.O. clock and chimes.  
 National Anthem.

## 3LO, MELBOURNE.

## Saturday.

## MORNING SESSION.

- 11 a.m.—STUDIO ORCHESTRA:  
 "Bobbyn's Girl" (Raffle).  
 11.10 a.m.—RUSSELL CALLOW, Tenor:  
 "At Auld Lang Syne."  
 "The Little Hill" (Gleason).  
 11.17 a.m.—WALTER SMITH, Cornet:  
 "Atlantic Zenyha."  
 11.28 a.m.—STUDIO ORCHESTRA:  
 "Lilac Time Valse" (Schubert).  
 11.35 a.m.—RUSSELL CALLOW, Tenor:  
 "Tis the Day."  
 "Youth."  
 11.42 a.m.—DOROTHY ROXBURGH, Violin:  
 "Lyrics" (Grieg).  
 11.50 a.m.—STUDIO ORCHESTRA:  
 "The Only Girl" (Selection (Herbert)).  
 12 noon.—Time Signal. British Official Wireless News from Rugby. Soccer's and the Australian Press Association Clubs.  
 "Arcus" News Service.  
 12.20 p.m.—JON BRENNAN AND IDA NEWTON:  
 "The Wailer."  
 12.40 p.m.—STUDIO ORCHESTRA:  
 "Chrom d'Amour" (Bach).  
 12.49 p.m.—Stock Exchange Information.  
 12.53 p.m.—CARLTON CHASE:  
 "You're in Kentucky."  
 "Marry Lou."

- 12.50 p.m.—STUDIO ORCHESTRA:  
 "The Gipsy Princesses."  
 1 p.m.—Description of Maiden Hurdle, 2 miles, V.R.C. FLEMINGTON, by "Muskiet," of the "Sporting Globe."  
 1.5 p.m.—CAPTAIN DONALD MACLEAN:  
 "Anne Bonny, the Irish Womans Pirate."  
 1.59 p.m.—STUDIO ORCHESTRA:  
 "Plantation Melody" (Farwell).  
 1.25 p.m.—Meteorological Information, Shipping Intelligence, Weather Forecast for Victoria, Tasmania, South Australia and New South Wales, Ocean Forecast, River Reports.  
 1.30 p.m.—JEAN GILLESPIE, Soprano:  
 "Elegie" (Massenet).  
 "The Owl" (Rogers).  
 1.37 p.m.—TASMA TIERMAN, 'Cellar':  
 "Berovic" (Vientennas).  
 1.40 p.m.—Description of Myross Handicap, 6 furlongs, V.R.C. FLEMINGTON, by "Muskiet," of the "Sporting Globe."  
 1.46 a.m.—JEAN GILLESPIE, Soprano:  
 "Where the Abana Flows."  
 "It in the Great Bazaar."  
 1.57 p.m.—STUDIO ORCHESTRA:  
 "La Belle Valencisque" (Koenigert).  
 2 p.m.—Close down.  
 2.35 p.m.—Description of Grand National Handicap, 3 miles, V.R.C. FLEMINGTON, by "Muskiet," of the "Sporting Globe."  
 2.46 a.m.—JEAN GILLESPIE, Soprano:  
 "Where the Abana Flows."  
 2.48 p.m.—LEAGUE FOOTBALL: CARLTON v. MELBOURNE. Described by Mr. Rod McGregor, from Carlton.  
 2.50 p.m.—Close down.

## AFTERNOON SESSION.

- JOE ABONSON'S SYNCO-SYMPHONISTS.  
 4 p.m.—JOE ABONSON AND HIS SYNCO-SYMPHONISTS:  
 "The Owl" (Rogers).  
 "Sunday" (Milder).  
 "Hello, Little Girl of My Dreams" (Berk).  
 "The Original Black Bottom" (Henderson).  
 4.15 p.m.—Description of Kennington Steeple, 2 miles, Victoria, V.R.C. FLEMINGTON, by "Muskiet," of the "Sporting Globe."  
 4.20 p.m.—LEAGUE FOOTBALL: CARLTON v. MELBOURNE. Described by Mr. Rod McGregor, from Carlton, Quarter Time.  
 4.40 p.m.—JOE ABONSON AND HIS SYNCO-SYMPHONISTS:  
 "I Didn't Know" (Swift).  
 "Let's All Henny Ford" (Lennie).  
 4.55 p.m.—Description of Iremus, Welter, 1 Mile, V.R.C. FLEMINGTON, described by "Muskiet," of the "Sporting Globe."  
 5.05 p.m.—JOE ABONSON AND HIS SYNCO-SYMPHONISTS:  
 "Sufficiency"—Piano solo (Bergy).  
 "Camille" (Sherman).  
 5 p.m.—LEAGUE FOOTBALL: CARLTON v. MELBOURNE, at Carlton, Half-time. Described by Mr. Rod McGregor.  
 5.10 p.m.—JOE ABONSON AND HIS SYNCO-SYMPHONISTS.  
 4.00 p.m.—Description of Winter Handicap, 1 1/4 miles, V.R.C. FLEMINGTON, Described by "Muskiet," of the "Sporting Globe."  
 4.35 p.m.—LEAGUE FOOTBALL: CARLTON v. MELBOURNE, at Carlton, Three quarter time. Described by Mr. Rod McGregor.  
 4.45 p.m.—JOE ABONSON AND HIS SYNCO-SYMPHONISTS:  
 "Somebody's Lonesome" (David).  
 "If You See Sally" (Kahn).  
 4.50 p.m.—"Herald" News Service.  
 5 p.m.—LEAGUE FOOTBALL: CARLTON v. MELBOURNE, at Carlton, Final scores received. Described by Mr. Rod McGregor.  
 5.15 p.m.—Close down.
- 5.30 p.m.—EVENING SESSION.  
 5.30 p.m.—Sporting Results.  
 5.40 p.m.—Answers to Letters and Birthday Greetings.  
 6.10 p.m.—GRACE JACKSON:  
 "Bury the Burden."  
 "Will Ye No Come Back Again?"  
 6.19 p.m.—CAPTAIN DONALD MACLEAN:  
 "Calico Jack and the Women Pirates."  
 8.35 p.m.—"Herald" News Service. Weather Synopses. Shipping Movements.

- 6.47 p.m.—Stock Exchange Information.  
 6.52 p.m.—Fish Market Reports by J. K. Barrett, Ltd., Rabbit Prices.  
 6.55 p.m.—River Reports.  
 6.58 p.m.—Market Reports by the Victorian Producers' Co-operative Co., Ltd. Newmarket Sheep Sales. Poultry, Grain, Hay, Straw, Juice, Dairy Produce, Potatoes and Onions.  
 7.0 p.m.—Market Reports of Fruit by the Victorian Fruitcrucers' Association, compiled by "The Fruit World," exclusive to 3LO.

## NIGHT SESSION.

- 7.15 p.m.—MR. R. RAWSON will speak on:  
 "Escurato."  
 7.30 p.m.—MR. R. E. PESCOTT will speak on:  
 "Australian Gum, Resin, and Oil Plants."  
 7.45 p.m.—BE. LEACH will speak on:  
 "Bastard and Crane."  
 8 p.m.—MALVERN TRAMWAYS BAND:  
 March, "Punchinello" (Rimmer).  
 Waltz, "In a Little Spanish Town."  
 Novelty, "The Ragtime Base-player" (Piper).  
 8.10 p.m.—MADAME LAMBERT:  
 "La Vierge" (Massenet).  
 "Sincerity" (Emile Clarke).  
 8.17 p.m.—MALVERN TRAMWAYS BAND:  
 Waltz, "Blue Danube" (Strauss).  
 8.24 p.m.—CARLTON CHASE:  
 "When the Red, Red Robin."  
 "Daddy's Wonderful Pal."  
 8.30 p.m.—MARION LIGHTFOOT, Steel Guitar:  
 "Volga Boatman."  
 "Barcarolle."  
 8.37 p.m.—MADAME LAMBERT, Soprano:  
 "Symphonic Sylvania" (Bunbury).  
 "La Titi" (Massenet).  
 8.45 p.m.—A SPECIAL PROGRAMME has been arranged.  
 10.16 p.m.—MALVERN TRAMWAYS BAND:  
 Overture, "Calmie Bugada" (Bolet).  
 10.22 p.m.—JOE BRENNAN AND IDA NEWTON:  
 "The Fireman."  
 10.30 p.m.—HARRY NORTH, English Concert Band:  
 Overture Selections.  
 10.35 p.m.—Late Sporting Results, British Official Wireless News, Announcements.  
 10.45 p.m.—MADAME LAMBERT, Soprano:  
 "Midi" (Lescoulez).  
 "Valse de Musical-Balme" (Puccini).  
 10.50 p.m.—MALVERN TRAMWAYS BAND:  
 Selection, "Pirates of Panama" (Sullivan).  
 11 p.m.—THE ROYAL AUTOMOBILE CLUB OF VICTORIA's message for to-day is for MOTORISTS:  
 "Always signal the man behind when slow- ing up, when turning corners, when coming to a stop. The man behind is not a blind rider."  
 11.13 p.m.—OUR GREAT THOUGHT:  
 "Avarice in old age is foolish; for what can be more absurd than to increase our provisions for the road, the nearer we approach to our journey's end?"—"Cherax."  
 11.2 p.m.—JOE ABONSON AND HIS SYNCO-SYMPHONISTS.  
 11.40 p.m.—GOD SAVE THE KING.

## 3AR, MELBOURNE

## Saturday.

## MORNING NEWS SESSION: 11 to 12 noon.

- MIDDAY CONCERT SESSION.  
 12.1 p.m.—Transmitted from Panopticon House, Collins St., (by exclusive permission of White and Falcon, Ltd.), on the Brunswick-Panopticon.  
 1.0 p.m.—Maiden Hurdle, two miles (from Flemington).  
 1.15 p.m.—Myross Hurdle, two miles (from Flemington).  
 1.45 p.m.—Close Down.  
 Sport results: During the afternoon each race in the V.R.C. Grand National Meeting at Flemington will be described as it is being run by our Turf Supl., Mr. Willmott. Football results will be given as they come to hand.

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1 MacLauran Tone Purifier .....	21/-
1 .00025 Variable Condenser, Advance, S.L.F. ....	10/-
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2 Brown Bakelite U.X. Sockets, each, 1/8; Benjamin .....	each 5/-
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2 Automatic 1/2-amp. Brachstats .....	each 4/0
2 T.C.C. 2 mf. Condensers .....	each 9/0
1 Terminal Board, 11 terminals .....	3/6
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1 Knob for Condenser .....	1/-
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1 Single Circuit Jack .....	1/0	1 .001 Condenser .....	1/6
1 .00025 Grid Condenser, with Clips .....	1/6	4 Terminals .....	10d.
1 H. and H. 2-meg. Leak .....	1/0		

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- 8.30 p.m.—Studio Orchestra. (Direction, Mr. Ronald Brerley); Musical Gems of Teichowolsky (Arr. Otto Langos).
- 8.45 p.m.—Grand National Hurdle, two miles (from Flemington).
- 8.45 p.m.—The Leader Four, Male Quartette. "The Image of a Rose" (Kochert).
- 8.49 p.m.—Studio Orchestra: "Scandinavian Suite" (Rudolf Jaell-Frederiksen).
- 8.5 p.m.—Mr. Herbert Pettifer, Violinist: "Crawdad" (Monty).
- 8.9 p.m.—Studio Orchestra: Selection of Schubert's Songs (Roberta).
- 8.15 p.m.—Kensington Steeple, two miles and half a furlong (from Flemington).
- 8.21 p.m.—The Leader Four, Male Quartette: "Just a Bird's Eye View" (Donaldson).
- 8.24 p.m.—Studio Orchestra: "In a Lover's Garden" Suite (Kotelber).
- 8.35 p.m.—Mr. Harold Brerley, 'Cellist; "Lullaby" (Bridges).
- 8.39 p.m.—Studio Orchestra: "Three Light Pieces" (Somerville). "Twender and Patches" (Miles).
- 8.50 p.m.—Leonora Weller, solo (from Flemington).
- 8.55 p.m.—The Leader Four, Male Quartette: "Holy Night" (Bethoven).
- 9.0 p.m.—G.P.O. Clock says "Four."
- 9.1 p.m.—Studio Orchestra: "Suite Melodique" (Fruml), (Schirmer).
- 9.15 p.m.—The Leader Four, Male Quartette: "Robin Adair" (Old Scotch).
- 9.19 p.m.—Studio Orchestra: "Grobes," "Fopourel (Petras).
- 9.20 p.m.—Winter Handicap, 1 1/4 miles (from Flemington).
- 9.25 p.m.—The Leader Four, Male Quartette: "The Owl and the Pussy Cat" (R. de Koven).
- 9.28 p.m.—Studio Orchestra: "In the Time of Roses" (Haerter).
- 9.40 p.m.—The Leader Four, Male Quartette, "The Day's Farewell" (Niessner).
- 9.45 p.m.—Studio Orchestra: "Serenade" (Dredia). "To You, Dear" (Edwards).
- 9.55 p.m.—To-Night's Amusement Guide.
- 10.0 p.m.—G.P.O. Clock Says "Five": Close Down.
- 6.45 p.m.—Uncle Mac's Entertainment: An hour of music, song and story for all Uncle Mac's nephews and nieces all over Australia and New Zealand. Uncle Mac's "Supper Packet" full of fun and fancy—not forgetting BLUEBELL.

EVENING SESSION  
SPECIAL BAND CONCERT

- 7.45 p.m.—McPhail, Anderson and Co's Big Market Reports; Today's Sports Results; Notices.
- 8.0 p.m.—G.P.O. Clock says "Eight."
- 8.1 p.m.—Fitzroy Citizen Band. (Conductor, Mr. A. Bullock). March, "90th Century" (O. Humel).
- 8.5 p.m.—Miss Ethie Bernard, Contralto: Maori Song, "Waiana Poi" (Alfred Hill).
- 8.10 p.m.—Fitzroy Citizen Band: Selection, "Hills-Brue" (Moukettun).
- 8.20 p.m.—Mr. Colin Ross, Flautonist: "Solo" Australian Character Sketch.
- 8.25 p.m.—Miss Edith Barnes, Piano: "Serenade" (Mosekowsky).
- 8.30 p.m.—Fitzroy Citizen Band: "Fox Trot," "Just a Bird's-eye View" (Donaldson).
- 8.31 p.m.—Douglas Caddy, Dickensian Entertainer: "Captain Cuttle" (Charles Dickens).
- 8.45 p.m.—Fitzroy Citizen Band: Trombone Solo, "Mr. Tromboneology" (Ehavis).
- 8.50 p.m.—Radio Play: "On the Professor's Study" (W. L. Trostman).
- 9.0 p.m.—Miss Ethie Bernard, Contralto: "Life to the Dumack Rose" (Elgar).
- 9.5 p.m.—Fitzroy Citizen Band: "Valse" "Woodland Blossoms" (Greenwood).
- 9.17 p.m.—Miss Leona Kinwood-Jones, Flautonist: Recital Selection.
- 9.20 p.m.—Miss Edith Barnes, Piano: "A Night in May" (Erm).)
- 9.25 p.m.—Fitzroy Citizen Band: "Fox Trot," "Thinking of You" (Ash).

- 9.30 p.m.—Mr. Douglas Caddy, Dickensian Entertainer: "The Difference" (Dickens).
- 9.35 p.m.—Fitzroy Citizen Band: Inferno, "The Kilias Kourtskip" (Maeckenle).
- 9.40 p.m.—Mr. Colin Hinks, Flautonist: "A Lift."
- 9.45 p.m.—Fitzroy Citizen Band: "The Runaway" (Greenwood).
- 9.50 p.m.—Radio Play: "The Night Baudes' Oath."
- 9.55 p.m.—Mr. Colin Hinks The Other Man..... Mr. Douglas Caddy The Woman..... Miss Kinwood-Jones 10.0 p.m.—Fitzroy Citizen Band: "Valse," "In a Little Spanish Town" (Wayns).
- 10.10 p.m.—"Ase" News Bulletin.
- 10.14 p.m.—Dance Hour, with Leggett's Ballroom Orchestra (Direction: Mr. Harry Nisbet).
- 11.0 p.m.—G.P.O. Clock says "Eleven"; God Save the King.

4QQ, BRISBANE

- Saturday.
- NO MIDDAY TRANSMISSION.
- AFTERNOON SESSION.
- 4.30 p.m.—A Matinee for Hills listeners, by "Miss Weratah."
- 4.30 p.m.—Close down.
- EARLY EVENING SESSION.
- 6.50 p.m.—Bedtime Stories by Uncle Jim and Uncle Jim.
- 7.10 p.m.—Racing results.
- 7.20 p.m.—Today's football play described.
- 7.30 p.m.—Selling notes by Mr. F. Smith.
- 7.40 p.m.—Tennis news.
- NIIGHT SESSION.
- To-night's programme will be provided by St. Augustine's Male Party (conductor, Mr. J. B. Cleare).
- FROM THE STUDIO—
- 8 p.m.—Entert. "Novelty" Male Party; choral, "Gloria" (Wesli) Male Party; overture, "High Jinks." Mr. Leo Dreyfus; tenor solo, "Vale." Mr. Fred. Fritz; trio, "The Gipsies' Laughing Trio." Messrs. Quinlan, Cleare and Ryan; baritone solo, "A Chip Off the Old Block." Mr. John Casey; choral, "Robin Adair." Male Party; tenor solo, "Once Again." Mr. Arthur Smith; monologue, "The Whitest Man I Know." Mr. Frank Langrish; bass solo, "Rolling Down to Rio." Mr. Dave Peloman; choral, "Old Black Joe." Male Party.
- 9 p.m.—Metropolitan weather forecast; violin solo, "My Bossy." Mr. Fred. Fritz; baritone solo, "They Say." Mr. A. Callingswood; choral, "Oz in the Silly Night." Male Party; tenor, "La Donna E Mobile." Mr. Jack Quinlan; whistler, "The Whistling Boy." Mr. John Casey; bass solo, "Oz in the Deep." Mr. Tom Ryan; quartette, "The Soldiers' Farewell." Messrs. Fritz, Cleare, Callingswood and Kelly; tenor solo, "Ouney Kerry Mary." Mr. Vince Tenney; duet, "Nocturne." Messrs. Smith and Casey; baritone solo, "Like Stars Above." Mr. J. B. Cleare; choral, "I Like to Me Only with Thine Eyes." Male Party; duet, "Goodnight Ladies." Male Party.
- FROM LENNON'S BALLROOM—
- 10 p.m.—Dance Music.
- FROM THE STUDIO—
- 10.30 p.m.—"The Daily Mail" news; weather news.
- Close down.

6WF, PERTH.

- Saturday
- 12 noon—Tune in.
- 12.5 p.m.—Musical programme, including pianoforte selections by MISS EVELYN WILLIS, A.C.T.M.
- 12.45 p.m.—First Local News Bulletin.
- 1.00 p.m.—Market Reports.
- 1.05 p.m.—Time signal from Perth Observatory.
- 1.1 p.m.—Weather Notes supplied by the Meteorological Bureau of Western Australia.
- 1.2 p.m.—Close down.
- 8.45 p.m.—Tune in.
- 6.50 p.m.—Uncles Perry and Bag with the Radio Bird.
- 7.10 p.m.—Sports results by courtesy of "The Mirror" Newspaper Coy.
- 7.20 p.m.—Market Reports.
- 7.30 p.m.—Market Reports.
- 7.45 p.m.—Tune in.
- 8.0 p.m.—Time signal from Perth Observatory.
- 8.1 p.m.—Weather Notes supplied by the Meteorological Bureau of Western Australia.
- CONCERT FROM THE STUDIO.
- 8.2 p.m.—Musical programme, including Arctics.
- Dance Music by Ron Moyle and his Band, relayed from the Cremorne Dance Hall.
- 10 p.m.—Late News items by courtesy of "The Daily News" Newspaper Coy. Ships within range announcement.
- Sports results by courtesy of "The Mirror" Newspaper Coy.
- Weather Report and Forecast.
- 10.30 p.m.—Close down.
- Sunday, July 3
- 2FC, SYDNEY
- MORNING SESSION.
- 10.25 a.m.—Programme Announcements.
- 11.0 a.m.—"Bus Stop."
- From St. Stephen's Presbyterian Church, Phillip Street, Sydney. The Morning Service, conducted by the Rev. Hugh Paton.
- 11.30 p.m.—From the Studio: News Session.
- 12.30 p.m.—Close down.

5CL, ADELAIDE.

From Ice Pole to Tropic Jungle; Burgess.



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## AFTERNOON SESSION.

- 8.0 p.m.—Programme Announcements.
- 8.2 p.m.—From the Congregational Church, Petersham: A Programme of Musical Works composed by the Australian Composer, Mr. Christian Heilmann.
- 8.4 p.m.—Athens: "I Heard a Great Voice." Soloists: Mr. Holyneus Phillips and Mr. Herbert Hinton.
- 8.14 p.m.—Violin: "Second Romance in E Major." Miss Edna Dowse.
- 8.20 p.m.—Solo: "Ave Maria." Miss Mary Bourke, Contralto.
- 8.26 p.m.—Solo and Chorus, "Agous Dni," from "Requiem." Soloist, Mr. Raymond Beatty.
- 8.34 p.m.—Organ: "Tevecie." Mr. Christian Heilmann.
- 8.42 p.m.—Recit. and Aria, "Many Waters Cannot Quench Love." Mr. Holyneus Phillips.
- 8.50 p.m.—Solo: "Consider the Lilies of the Field." Miss Mary Bourke.
- 8.6 p.m.—Violin, "Chanson Erotique." Miss Edna Dowse.
- 8.8 p.m.—Solo: "The King of Love My Shepherd Is." Mr. Raymond Beatty.
- 8.16 p.m.—Choral Model: "By Babylon's Waters."
- 8.26 p.m.—Organ: "Presto Scherzando" from Fira's Organ Sonata.
- Mr. Christian Heilmann.
- 8.40 p.m.—From His Studio: A Talk by Captain Fred Aarons. Subject: "The World of 100 Years Ago." Completing the present series.
- 8.60 p.m.—Close Down.

## EVENING SESSION.

- 6.0 p.m.—"Big Ben" and Announcements.
- 6.5 p.m.—Evel Muller, Soprano.
- (a) "Caro Mio Ben" (Giordani).
- (b) "Yonder" (Oliver).
- 6.15 p.m.—Lionel Lawson, Violinist.
- 6.25 p.m.—Madame Consuelo de Aldage, a Mexican visitor to Sydney, will give a Mexican Lecture-Recital (the third of a series). A talk on Mexico, with musical illustrations:
- (a) "Peregrina," Folk Song, Miss Annie Payne, Mezzo. From "Ellerim Girl."
- (b) "Fuebla de Los Angeles," and our friend Don Juan de Palafox Medoza. Quint Miracles, Fights and Feuds with the Company of Jesus. (Lecture by Madame Consuelo de Aldage).
- (c) "El Nopal" (The Prickly Pear Tree).
- (d) "Dios Tapatisa" ("The Eyes of a Tapatisa Girl"). Miss Annie Payne, Mezzo.
- (e) "The Mexican National Anthem."
- 7.0 p.m.—Evel Muller, Soprano.
- (a) "If Any Little Song of Mine" (del Reigo).
- (b) "Break, Break, Break" (Lyster).
- 7.15 p.m.—Lionel Lawson, Violinist.
- 7.25 p.m.—The Bells of St. Mark's.
- 7.25 p.m.—From St. Mark's Church of England, Darling Point. The Evening Service, conducted by Rev. K. Howard Lee.
- 8.0 p.m.—The Manly Municipal Band, Conducted by Mr. J. Phelous.
- 8.20 p.m.—From the Studio: Mr. Raymond Ellis, the well-known English Operatic Baritone. A talk on "Mendelssohn," with musical examples, including:
- (a) "H is Enough," from the "Elijah."
- (b) "I'm God of Abraham."
- 8.45 p.m.—Jules Van Der Kie!, "Cello Solo: "Kol Nidrei" (Heuch).
- 8.55 p.m.—Raymond Ellis, Baritone:
- (a) "Fair House of Joy" (Quilter).
- (b) "Love's Declaration" (Wilson).
- 9.0 p.m.—Jules Van Der Kie!, "Cello solos," a) "Glorie" (Gautier).
- (b) "Bourree" (Handel).
- 9.10 p.m.—RAY, G. Ellis, Baritone:
- "Elegie" (Massenet).
- (With Cello obligato by Jules Van Der Kie!).
- 9.15 p.m.—Jules Van Der Kie!, "Cello solo: "Scherzo" (Goetz).
- 9.20 p.m.—National Anthem: Close Down.

## 2BL, SYDNEY

## Sunday.

- 10.45 a.m.—Special news service.
- 11 a.m.—Anniversary service broadcast from St. Jude's Church of England, Randwick.
- 3.00 p.m.—Studio concert.
- 4.30 p.m.—Bible Class, conducted by Mr. W. "Cairo" Bradley.
- 5.10 p.m.—Close down.
- 5.45 p.m.—Children's service.
- 7 p.m.—Anniversary service broadcast from St. Jude's Church of England, Randwick.
- 8.30 p.m.—From the Studio: Broadcaster's Trio.
- 8.40 p.m.—Miss Pauline Harford-Poeler, soprano.
- 8.47 p.m.—Miss Edith Kilmartin, pianist.
- 8.55 p.m.—Resume of following day's programme and weather report.
- 9 p.m.—G.P.O. clock and chimes.
- 9.1 p.m.—Mr. Norman Wright, tenor.
- 9.5 p.m.—Miss Edna Fenner, elocutionist.
- 9.55 p.m.—Broadcaster's Trio.
- 9.55 p.m.—Miss Pauline Harford-Poeler.
- 9.55 p.m.—Miss Edith Kilmartin.
- 9.57 p.m.—Mr. Norman Wright.
- 10.44 p.m.—Miss Edna Fenner.
- 9.55 p.m.—Broadcaster's Trio.
- 10 p.m.—G.P.O. clock.
- National Anthem.

## 2GB, SYDNEY

## Sunday.

## MORNING SESSION.

- 10.30 a.m.—Organ Music From St. Alban's Liberal Catholic Church, Eastern.
- 10.30 a.m.—Morning Service from St. Alban's Liberal Catholic Church: Celebration of the Holy Eucharist. Sermon.
- 12 noon—Close down.
- 4.45 p.m.—Music from the Studio.
- 10.30 a.m.—Morning Service from St. Alban's Liberal Catholic Church: Celebration of the Holy Eucharist. Sermon.
- 12 noon—Close down.
- 4.45 p.m.—Music from the Studio.
- 8 p.m.—Violin Solo by DAN SCULLY: FROM THE STUDIO
1. "Irish Air" (Alfred HUD).
2. "Kontakion" (Kleinler).
- 8 p.m.—Piano Solo by ADA BROOK.
1. "Ballade in G Minor" (Chopin).
- 8.15 p.m.—Duets for two Violins, with piano accompaniment:
- DAN SCULLY, MONICA HORDER, ADA BROOK:
- "Cavatina" (Raff).
  - "Song to Spring" (Max Bruch).
  - "Romance" (Schumann).

- 8.30 p.m.—Violin solos by MONICA HORDER:
- "Meditation" (Massenet).
  - "Ballet Music from Rosamunde" (Schubert).

- 8.40 p.m.—Talk.
- 9 p.m.—Close down.

## 3LO, MELBOURNE

## Sunday.

- MORNING SESSION.
- 10.30 a.m.—Bells from St. Paul's Cathedral.
- 10.45 a.m.—Express Train Information: British Official Wireless News from Rugby.
- 11.0 a.m.—Service from WESLEY CHURCH, Lonsdale Street, Melbourne. Conducted by Rev. A. McCallum, D.D.
- 12.15 p.m.—Close Down.
- AFTERNOON SESSION.
- 2.15 p.m.—"PRATHERN CITY BAND (Conductor, Percy Code).
- 3.0 p.m.—PLEASANT SUNDAY AFTERNOON SERVICE: Central Wesley Mission. Chairman, REV. G. IRVING BENSON. Orchestral Selection.
- Address, DR. C. G. MEADAM: "Boy Immigration to Australia." (Welcome to Boy Scout Immigrants just arriving.) National Anthem: Benediction.
- 4.30 p.m.—Close Down.

## EVENING SESSION.

- 5.30 p.m.—Hymns by "The Pied Piper": "Hushed Was The 'Evening Hour'." "Jesus, Who Callest the Little Ones to Thee."
- 5.40 p.m.—Answers to Letters and Birthday Greetings.
- 6.0 p.m.—Musical Program by "The Pied Piper."
- 6.25 p.m.—"HILLY BUNNY": "Life of Gordon."
- 6.10 p.m.—Bells from St. Paul's Cathedral.

## NIGHT SESSION.

- 7.0 p.m.—SERVICE FROM SCOTCH CHURCH, Collins Street, Melbourne. Minister: Rev. W. Bolland, D.D. Organist: Mr. Manley Green.
- FROM THE STUDIO.
- 8.30 p.m.—MALVERN TRAMWAYS BAND: March "On Tour" (White).
- Overture: "Ruy Blas" (Mendelssohn).
- 8.40 p.m.—STANLEY BAINES, Flute: "By the Brook" (Wetzer).
- 8.50 p.m.—WESLEY CHURCH CHOIR, two unaccompanied Antiphons: "The Souls of the Righteous" (Noble). "O' Blest Babe" (Hird of the Wood).
- 8.57 p.m.—MALVERN TRAMWAYS BAND: Trombone Quartet: "Drei Equale" (Biedlhofer).
- (As played at the graveside at the composer's concert.)
- 9.0 p.m.—JAMES HAY of the Gilbert and Sullivan Opera Company: "The Story of Huldigger."
- 9.15 p.m.—MALVERN TRAMWAYS BAND: Selection: "William Tell" (Humm).
- 9.27 p.m.—WESLEY CHURCH CHOIR: "The Heav'n Are Telling" (The Creation). "Hymn."
- "I Will Lay Me Down in Peace" (Unaccompanied).
- 9.34 p.m.—STANLEY BAINES, Flute: "Scherzo Capriccioso" (Sakahlil).
- Piano Solo: "Bird of the Wood."
- 9.40 p.m.—"Arma" News Service: Announcements: THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TODAY IS FOR MOTORS!
- "Always remember your driving mirror, it will show you if the drivers behind wish to pass you. Always overtake on the right or offside."
- 9.50 p.m.—MALVERN TRAMWAYS BAND: Prelude: "Tristan and Isolde" (Wagner).
- 9.60 p.m.—OUR GREAT THOUGHT:
- "We are so ungrateful for what we give as for what we receive, say the misplacing of a benefit is worse than the not receiving of it; for the one is another person's fault, but the other is mine."—Seneca.
- 10.0 p.m.—GOD SAVE THE KING.

## 3AR, MELBOURNE

## Sunday.

## MORNING SESSION.

- 11.0 a.m.—Service from Church of Christ, Swanston Street, Melbourne. Minister: Rev. Dr. J. L. Brandt.
- AFTERNOON SESSION.
- STUDIO CONCERT.
- 2.0 p.m.—Miss Mabel McCracken, Soprano: "Ritorno Credo" (Verdi).
- "Blackbird Song" (Scott).
- 3.7 p.m.—Mr. Hamilton Bateman, Violin: "Scherzino Romanza" (Kreisler).
- "Spanish March" (Barnstain).
- 3.14 p.m.—Miss Nina Sax, contralto: "A Dream" (Berlioz).
- 3.20 p.m.—"Little Hills" (Gleason).
- 3.27 p.m.—Mr. John Box, Baritone: "The Two Grenadiers" (Schumann).
- "Your England and Mine" (Stimpson).
- 3.25 p.m.—Miss Renie Barber, Entertainer: "The Legend Beautiful" (Longfellow).
- 3.30 p.m.—Miss Maud Johnston, Soprano: "Isle Words" (Weatherly).
- "O'Hill" (Foschmacher).
- 3.42 p.m.—Mr. Clerk Xerville, Tenor: "In Native Worth" (Haydn).
- "Total Eclipse" (Handel).
- 3.49 p.m.—Mr. Hamilton Bateman, Violin: "An Old Fashioned Town" (Squire).
- "In a Little Spanish Town" (Wayne).

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# METROPOLITAN ELECTRIC CO., LTD.

:: 27-29 King Street, Sydney ::

- 8.55 p.m.—Mr. John Box, Baritone: "Muller of Malaga" (Froelich).  
 "When I Was a Bachelor" (Gregory).  
 9.3 p.m.—Miss Mina Bess, contralto:  
 "Jim's Golden Song" (Dale).  
 "Mr. Violet" (Thompson).  
 1.10 p.m.—Miss Adeline Whitbourn, "Cello":  
 "Allegro Appassionato" (Saint Saens).  
 "Samson et Delila" (Gabriel Saens).  
 "La Circostanza" (Gabriel Marie).  
 4.17 p.m.—Miss Millie McGormack, soprano:  
 "Forgi Amor" (Mozart).  
 "Vain Suit" (Brahms).  
 4.54 p.m.—Mr. Clem Kerville, Tenor:  
 "Where 'ere You Walk" (Handel).  
 "The Pilgrim" (Steven Adams).  
 4.30 p.m.—Close Down.

## CHILDREN'S SESSION.

- 6.0 p.m.—Music, Song and Story for the Little Ones; The Entertainment conducted by "Ladybird".

## EVENING SESSION.

- 7.0 p.m.—Service from St. John's Church of England, Lutroze Street, Preacher: Canon G. K. Lambie, Th. L.  
 8.30 p.m.—Miss Ada Freeman, Piano:  
 "Innocentia in A Flat" (Schubert).  
 "Nocturne in E Flat" (Chopin).  
 8.40 p.m.—Miss Gladys MacDowell, Contralto:  
 "Margaret at the Spinning Wheel" (Schubert).  
 "Nocturne in E Flat" (Chopin).  
 "Cradle Song" (Schubert).  
 8.57 p.m.—Madame Bella White-Williamson, Violin.  
 "Suite No. 3" (Uselli).  
 9.59 p.m.—Miss Gwen Selva, Soprano:  
 "Mourning Song" (Gullker).  
 "Fairy Song" (Brough).  
 9.3 p.m.—Miss Ada Freeman, Piano, and Madame Bella White-Williamson, Violin.  
 "Sonata in F" (Grieg).  
 9.23 p.m.—Miss Gladys MacDowell, contralto.  
 "Three Fishers Went Sailing" (Hullah).  
 "Trees" (Reinach).  
 9.50 p.m.—Miss Ada Freeman, Piano:  
 "Shadow Dance" (MacDowell).  
 "Hungarian Dance" (MacDowell).  
 9.87 p.m.—Miss Gwen Selva, Soprano:  
 "French Folk Songs."  
 9.43 p.m.—Madame Bella White-Williamson, Violin.  
 "Chanson and Pavanne" (Gouperin Kreisler).  
 "Moto Perpetuo" (Bukin).  
 9.50 p.m.—Miss Gladys MacDowell and Miss Gwen Selva, Duet:  
 "Tis Evening" (Tschakowsky).  
 9.55 p.m.—"Age" News Service.  
 10.0 p.m.—Close Down.

## 4QG, BRISBANE.

## Sunday.

## MORNING SESSION.

## ST. PAUL'S PRESBYTERIAN.

The complete morning service will be relayed from St. Paul's Presbyterian Church, Spring Hill.

- 1 a.m.—Doxology; Invocation, hymn, "Father of Heaven"; O. E. Lawson, Psalm 19; Anthem, "God So Loved the World" (Stainer); Prayer, Psalm 121, "I to the Hills"; N.T. Lesson, Math. 3; solo, "Arm, Arm! Ye Brave" (Handel), Mr. Reg. Smith, Preyer; Hymn, "The Wise Men Bring"; Children's Address; intimate offerings; Anthem, "Headless Unto Me" (Sullivan); Sermon, "All Things to All Men"; Prayer; Hymn, "Gracious Spirit"; Benediction.  
 12.30 p.m.—Close down.

## AFTERNOON SESSION.

## BAND CONCERT.

The concert by the Brisbane Citizens' Band will be relayed from the Botanic Gardens FROM THE BOTANIC GARDENS.

- 3.10 p.m.—Band concert.  
 4.30 p.m.—Close down.

## NIGHT SESSION.

The complete evening service will be relayed from St. Paul's Presbyterian Church, Spring Hill.

- 7.30 p.m.—Doxology; Invocation, Hymn, "As Evening Shadows Fall"; O. E. Lawson, Psalm 91; Anthem, "O For a Closer Walk with God"; (Myer Fisher), soloist, Mr. H. W. Lund; Prayer; Psalm 8, "How Excellent"; N.T. Lesson, Math 23; solo, "O Comfort Us Another" (Lesson), Miss Marjorie Mitchell; prayer; solo, "Come Ye Children" (Sullivan), Mr. John Steele; Intimate offerings; anthem, "Send Out Thy Light" (Gounod); sermon, "The Street of His Presence"; prayer; hymn, "Sun of My Soul"; Benediction; Vesper Hymn.

## BAND CONCERT.

At the conclusion of the church service the concert provided in Wickham Park by the Brisbane Municipal Concert Band will be relayed.

## Band Concert.

- 8.00 p.m.—Close down.

## 5CL, ADELAIDE.

## Sunday

## MORNING SESSION.

- 11 a.m.—Divine Service relayed from St. Peter's Cathedral.

- 12.00 p.m.—Announcements and close down.

## AFTERNOON SESSION.

- 3 p.m.—Relay from Glenelg Re-opening Service from Glenelg Congregational Church.  
 Mr. A. E. Clarkson will deliver an address, "The Value of the Church to the Community." Orchestral and Vocal Items will be rendered during the service.

## EVENING SESSION.

- 4.40 p.m.—Sunday Session for young folk.  
 7 p.m.—Chimes; Divine Service from Methodist Church.  
 8.30 p.m.—Relayed from Glenelg. Walter Barrett's Menso Band, in Classical Numbers.  
 From the Studio at 9.1.  
 Mr. P. H. Nichols will deliver a talk on "John Greenleaf Whittier."  
 10 p.m.—Announcements, Chimes, and Close down.

## 6WF, PERTH.

## Sunday.

- 10.45 a.m.—Tune in.  
 11 a.m.—Morning service relayed from St. George's Cathedral, Cathedral Avenue, Perth.  
 8.30 p.m.—Tune in.  
 8.35 p.m.—From the Studio; Musical programme.  
 4.30 p.m.—Close down.  
 7 p.m.—Tune in.  
 7.30 p.m.—Children's bedtime stories.  
 7.50 p.m.—Evening service relayed from St. Andrew's Presbyterian Church, St. George's Terrace, Perth. Preacher, Rev. Geo. Tulloch.  
 8.45 p.m.—In the Studio.  
 Musical programme.  
 10 p.m.—Close down.

Monday, July 4  
2FC, SYDNEY.

## EARLY MORNING SESSION.

- 7.0 a.m.—"Big Ben" and Announcements.  
 7.5 p.m.—Studio Music.  
 7.15 p.m.—Country Souvenir Official Weather Forecast; Rainfall; Temperatures; Astronomical Memoranda; Shipping Intelligence; Mail Services.  
 7.25 a.m.—Investment Market; Mining Share Market; Metal Quotations.  
 7.35 a.m.—Wool Sales; Broadstuffs Markets; Inter-Stock Markets; Produce Markets.  
 7.45 a.m.—"Sydney Morning Herald" Summary.  
 8.0 a.m.—"Big Ben"; Close Down.

## MORNING SESSION.

- 10.0 a.m.—"Big Ben" and Announcements.  
 10.5 a.m.—Studio Music.  
 10.55 a.m.—"Sydney Morning Herald" News Service.  
 10.30 a.m.—Studio Music.  
 10.55 a.m.—A Talk by the SFC Racing Committee.  
 11.00 a.m.—Studio Music.  
 11.0 a.m.—"Big Ben"; Marching Music for School Children.  
 11.5 a.m.—A.P.A. and Reuter's Cable Service.  
 11.10 a.m.—Studio Music.  
 11.30 a.m.—A Reading.  
 11.30 a.m.—Close Down.

## MIDDAY SESSION.

- 12 noon—"Big Ben" and Announcements.  
 12.2 p.m.—Stock Exchange. First Call.  
 12.3 p.m.—Official Weather Forecast; Rainfall.  
 12.5 p.m.—Studio Music.  
 12.10 p.m.—Summary of "Sydney Morning Herald" News Service; Rugby Wireless News.  
 12.20 p.m.—From the Christ Church, St. Leonard, George Street, Sydney. A recital by the well-known Organist, Dr. Jarman.  
 12.45 p.m.—From the Studio; Miss Nellie Judges, Mezzo.  
 1.0 p.m.—Summary of "Sydney Morning Herald" News Service; Weather Intelligence.  
 1.3 p.m.—"Evening News" Midday News Service; Producers' Distributing Society's Report.  
 1.50 p.m.—Studio Music.  
 1.28 p.m.—Stock Exchange, second call.  
 1.30 p.m.—Marching Music for School Children.  
 1.40 p.m.—Miss Nellie Judges, Mezzo.  
 1.45 p.m.—Studio Music.  
 2.0 p.m.—"Big Ben"; Close Down.

## AFTERNOON SESSION.

- 3.0 p.m.—Programme Announcements.  
 3.5 p.m.—A Recital Arranged by Mr. Cyril M. B. Jones.  
 3.30 p.m.—Marching Music for School Children.  
 3.40 p.m.—Joyce Gillespie, Mezzo Soprano. (From Farmer's Tea Rooms).  
 3.45 p.m.—A Reading.  
 4.0 p.m.—William Bowyer, Baritone: "Brian of Glenarr" (Graham).  
 4.5 p.m.—Miss Muriel Bosley, Soprano: "Nymphs and Fauns" (Hemberg).  
 4.10 p.m.—Studio Music.  
 4.23 p.m.—Joyce Gillespie, Mezzo Soprano (From Farmer's Tea Rooms).  
 4.25 p.m.—Studio Music.  
 4.30 p.m.—Muriel Bosley, Soprano: "You in a Gondola" (Clarke).  
 4.35 p.m.—Studio Music.  
 4.40 p.m.—William Bowyer, Baritone.  
 4.45 p.m.—Stock Exchange Third call.  
 4.45 p.m.—Studio Music.  
 5.0 p.m.—"Big Ben"; Close Down.

## EARLY EVENING SESSION.

- 5.40 p.m.—The Chimes of 2FC.  
 5.5 a.m.—The "Hello Man" talks to the Children.  
 6.30 p.m.—Story Time for the Young Folk.  
 6.40 p.m.—Studio Music.  
 7.0 p.m.—"Big Ben"; Late Sporting News.  
 7.10 p.m.—Daigert's Market Reports (Wool, Wheat and Stock).  
 7.20 p.m.—Fruit and Vegetable Markets.  
 7.30 p.m.—Weather and Shipping Intelligence.  
 7.35 p.m.—Late "Evening News" News Service.

## NIGHT SESSION.

- 7.30 p.m.—Studio Music and Announcements.  
 8.0 p.m.—"Big Ben".  
 The Harpach Theatre Orchestra, of 30 members. Conductor, Mr. Stanley Porter.  
 8.15 p.m.—From the Warrinigh Hall; A Programme by the North Sydney Orphans Club. The "Stitch" Wall. Vocal and Instrumental Items.  
 9.0 p.m.—"Big Ben"; Alfred Cunningham, Baritone (from the Studio);  
 (a) "What Shall I Do" (Puccini).  
 (b) "The Kullif's Daughter" (Old English).



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200 Castlereagh Street, Sydney

8.10 p.m. Madame Evelyn Grigg: Selection of American Airs, arranged for the Piano forte and Dulciana, including:—  
 (a) "The Star Spangled Banner."  
 (b) "Carry Me Back to Old Virginia."  
 A few words about Stephen Collins Foster, writer of the American Folk Songs, Madame Vera Tasma, Soprano:  
 (a) "My Old Kentucky Home" (Foster).  
 (b) "The Old Folks at Home" (Foster).  
 9.30 p.m.—A Novel Book Competition.  
 9.55 p.m.—Alfred Cunningham, Baritone:  
 (a) "My Beloved" (Wright).  
 (b) "The Boatman" (Miller).  
 9.45 p.m.—The Haymarket Theatre Orchestra. Conductor, Mr. Stanley Porter.  
 9.55 p.m.—From the Warrington Hall. Continuation of the Concert by the North Sydney Gophans Club.  
 10.20 p.m.—From the Studio: Madame Evelyn Grigg, Pianoforte Solo, "Arcadians," ("The Witches Dance" (McDowell) (An American Composition).  
 Madame Vera Tasma, Soprano:  
 (a) "Ah, Love But a Day" (Boech).  
 (b) "Will of the Wisp" (Soprano).  
 Madame Evelyn Grigg, Dulciana solo:  
 (a) "To a Wild Rose" (McDowell).  
 (b) Pianoforte, "A Summer Shower" (Lugan).  
 10.40 p.m.—The Warrington Symphonic Dance Orchestra. Conductor, Mr. Frederick Leighton.  
 10.44 p.m.—Madame Vera Tasma, Soprano: "Swiss Love, Sweet Charlie" (by request), (Dunlich).  
 10.57 p.m.—Late News and Announcements.  
 11.00 p.m.—"Big Ben"; The West-Forth Symphonic Dance Orchestra. Conductor, Mr. Frederick Leighton.  
 11.14 p.m.—National Anthem; Close Down.

## 2BL, SYDNEY

Monday.

### EARLY MORNING SERVICE.

7.0 a.m.—G.P.O. Clock and Chimes; Metropolitan Weather Report.  
 7.2 a.m.—State Weather Report.  
 7.4 a.m.—News Service.  
 7.18 a.m.—Fruit Market Report.  
 7.30 a.m.—Vegetable Market Report.  
 7.41 a.m.—Dairy Farm Produce Market Report.  
 7.56 a.m.—Poultry Market Report.  
 7.59 a.m.—G.P.O. Clock and Chimes; Musical Programme from the Studio.  
 7.57 a.m.—News Service.  
 7.42 a.m.—Boats in Call by Wireless.  
 7.44 a.m.—Mail Information; Shipping Articles and Departure and Port Directory.  
 7.48 a.m.—News Service.  
 8.0 a.m.—G.P.O. Clock and Chimes; Close down.

### MORNING SERVICE.

10.30 a.m.—G.P.O. Clock and Chimes; Musical Programme from the Studio.  
 10.40 a.m.—News from the "Daily Telegraph."  
 10.50 a.m.—Musical Programme from the Studio.  
 11.0 a.m.—G.P.O. Clock and Chimes; Announcements.  
 11.5 a.m.—Musical Programme from the Studio.  
 11.35 a.m.—Talk by Miss Gwen Vreedy, Broadcasters' Women's Sports Authority; Social Notes by Mrs. Jordan; Replies to correspondents by Mrs. Jordan. Talk on "Personality in Dress," by Jessie Durrington.  
 12 noon.—G.P.O. Clock and Chimes; Special Ocean Forecast and Weather Report.  
 12.3 p.m.—Musical Programme from the Studio.  
 12.15 p.m.—Information, Mails, Shipping and Port Directory.  
 12.18 p.m.—Boats in Call by Wireless.  
 12.20 p.m.—Fruit Market Report.  
 12.22 p.m.—Vegetable Market Report.  
 12.24 p.m.—London Metal Market Report.  
 12.25 p.m.—Dairy and Farm Produce Market Report.  
 12.30 p.m.—G.P.O. Clock and Chimes; Foreign Market Report.  
 12.33 p.m.—Fish Market Report.  
 12.34 p.m.—Rabbit Market Report.  
 12.35 p.m.—News from the "Sun."

12.45 p.m.—Hilliers' Instrumental Quartette. Direction, Caryl Castling.  
 1.30 p.m.—G.P.O. Clock and Chimes; Talk to Children and Special Entertainment for Children in Hospital.  
 2.0 p.m.—G.P.O. Clock and Chimes; Close Down.

### AFTERNOON SERVICE.

Racing Information Broadcast immediately after each Race by courtesy of the "Sun."  
 2.0 p.m.—G.P.O. Clock and Chimes; News from the "Sun."  
 3.15 p.m.—Musical Programme from the Studio.  
 3.30 p.m.—G.P.O. Clock and Chimes; Talk on "The Great Comedians," by Mr. Billy Dick.  
 4.0 p.m.—G.P.O. Clock and Chimes; Musical Programme from the Studio.  
 4.15 p.m.—Serial Story entitled "The Stronger Hand."  
 4.25 p.m.—Musical Programme from the Studio.  
 4.40 p.m.—News from the "Sun."  
 4.50 p.m.—Reine's Revue.  
 4.52 p.m.—Resume of Night's Programme.  
 4.54 p.m.—Announcements and What's on.  
 4.58 p.m.—Special Ocean Forecast.  
 5.0 a.m.—G.P.O. Clock and Chimes; Close Down.

### EARLY EVENING SERVICE.

5.45 p.m.—G.P.O. Clock and Chimes; Endeavour and the Kiddies.  
 6.40 p.m.—Musical Programme from the Studio.

### SPECIAL COUNTRY SERVICE.

7.0 p.m.—G.P.O. Clock and Chimes; Australian Mercantile Land and Finance Co.'s Report; Weather Report and Forecast by courtesy of Government Meteorological; Producers' Uniting Society's Fruits and Vegetable Market Report; Stock Exchange Report; Grain and Fodder Report ("Sun"); Dairy Produce Report ("Sun").  
 7.15 p.m.—Country News from the "Sun."  
 7.30 p.m.—Talk on "The Care of the Eyes," by Mr. Patterson.

### EVENING SERVICE.

8.0 p.m.—G.P.O. Clock and Chimes; Broadcasters' Topical Chorus.  
 8.3 p.m.—The Newtown Band Broadcast from Industrial Hall, Newtown.  
 8.23 p.m.—Mr. Stan Cartell (Comedian).  
 8.30 p.m.—Broadcasters' All-Sports Expert will Talk on General Sporting.  
 8.45 p.m.—Miss May Sullivan (Old-time Balladeer).  
 8.52 p.m.—Miss Ivela Scott (Soubrette and Child Impersonator).  
 8.9 p.m.—G.P.O. Clock and Chimes; Resume of Following Day's Programme; Weather Report and Forecast by courtesy of Mr. C. J. Marx, Government Meteorologist.  
 9.0 a.m.—Sid and Molly Owen and Jack Northcote (Novelty Entertainers).  
 9.05 p.m.—Mr. Hal Purton (Baritone).  
 9.13 p.m.—Newcastle Band Broadcast from Industrial Hall, Newtown.  
 9.23 p.m.—Mr. Douglas Graham (Scotch Comedian).  
 10.0 p.m.—G.P.O. Clock and Chimes.  
 10.1 p.m.—The Ahad Duo (Sinet Guitars).  
 10.5 p.m.—Miss May Sullivan.  
 10.15 p.m.—Mr. Stan Cartell.  
 10.25 p.m.—Miss Ivela Scott.  
 10.24 p.m.—News Reports by Courtesy of the "Sun" Newspapers.  
 10.30 p.m.—Mr. Hal Purton.  
 10.44 p.m.—The Ahad Duo.  
 10.55 p.m.—Mr. Douglas Graham.  
 11.0 p.m.—G.P.O. Clock and Chimes; National Anthem.

## 2GB, SYDNEY

Monday.

### MORNING SERVICE.

8 a.m.—Music.  
 8.15 a.m.—"Chorus" Talk.  
 9.15 a.m.—Music.  
 9.25 a.m.—Psychological Class.  
 9.40 a.m.—Music.  
 9.45 a.m.—Health and Diet.  
 10 a.m.—Close down.

### AFTERNOON SERVICE.

3.30 p.m.—Music.  
 3.37 p.m.—Recitation by Mr. Walter Hunt.  
 3.52 p.m.—Music.  
 4.7 p.m.—"Theosophy," by Mrs. Marie McLennan.  
 4.22 p.m.—Music.  
 4.30 p.m.—Close down.

### EVENING SERVICE.

6.30 p.m.—Children's Session.  
 7 p.m.—Music.  
 7.10 p.m.—"Listeners' League."  
 7.15 p.m.—Music.  
 7.20 p.m.—Address by Mr. L. W. Burt.  
 7.30 p.m.—Music.  
 7.35 p.m.—"The Problem of the High Cost of Living," by M. E. G. Fletcher.  
 7.50 p.m.—Announcements.  
 7.55 p.m.—Song by MR. JOHN EDMONDS: 1. "Garden of Your Heart" (Dorel). 2. "Believe me, If all those Endearing Young Charms."  
 8.5 p.m.—Address by Mr. A. E. Bennett.  
 8.20 p.m.—Violin Solos by DAN SCULLY: 1. "Valse Triste" (Alfred Hill). 2. "Valse Caprice" (Alfred Hill).  
 8.25 p.m.—Piano Solos by MISS MAVIS PARKER: 1. "Instrumental Quartet"; DAN SCULLY, MONICA BORDER, MIRELLE LANG, ADA BROOK. 2. "Believe me, If all those Endearing Young Charms." 3. "Etoile" (Chopin).  
 9.15 p.m.—Song by MR. JOHN EDMONDS: 1. "Marahula" (MacMurrrough). 2. "Little Green Balcony" (Haydn Wood). 3. "Valse Triste" by ADA BROOK. 4. "Refrain de Berceuse" (Balzgren). 5. "Etoile" (Chopin).  
 9.30 p.m.—Instrumental Quartette: DAN SCULLY, MONICA BORDER, MIRELLE LANG, ADA BROOK.  
 9.45 p.m.—"Chorus" Talk.  
 10 p.m.—Close down.

## 3LO, MELBOURNE.

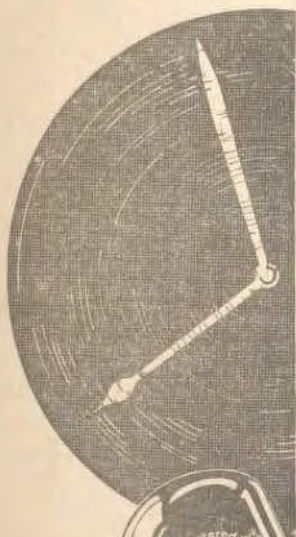
Monday

### MIDDAY SERVICE.

12.5 noon—Time Signal; Metal Prices received by the Australian Mines and Metals Association from the London Stock Exchange this day; British Colonial News from Bombay; Reuters' and Australian Press Association Cables; "Aussie" News Service.  
 12.20 p.m.—PARLY TRIO: Violin, "From the Canoe-Club." "Kentucky Lullaby" (Miller). "The Girl to Plant a Rose in California." "Maiden."  
 12.32 p.m.—STUDIO ORCHESTRA: Overture, "American National Airs" (Theodore Mosler).  
 12.40 p.m.—Stock Exchange Information.  
 12.43 p.m.—BERTHA JOHNSON, Violin; "Scherzo" (A. Derscher-Kreiser).  
 12.50 p.m.—STUDIO ORCHESTRA: "Mad Folly, a Scotch" (C. Robert).  
 1.0 p.m.—CARLTON CHASE: "John Brown's Body." "My Old Kentucky Home."  
 1.7 p.m.—HARRY NORTH, English Concertina "Marches."  
 1.13 p.m.—Meteorological Information; Shipping Intelligence; Weather Forecast for New South Wales, South Australia, and West Coast of New South Wales; Ocean Forecast; River Reports.  
 1.30 p.m.—STUDIO ORCHESTRA: "Reminiscences of the Plantation" (Chambers).  
 1.30 p.m.—KATHI DESMOND, Elocutionist "The Yukon Trail" (Service). "His Quest" (Dyblower).  
 1.37 p.m.—WALTER SMITH, Cornet "Spirit of Joy" (Clay Smith).  
 1.45 p.m.—CARLTON CHASE: "Lazy." "Little Dream Girl."  
 1.52 p.m.—STUDIO ORCHESTRA: "Liberty Bell" (Sousa).  
 2.0 p.m.—Close Down.

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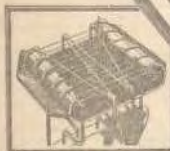
P.M. 3 (General Purpose)	0.1 amp. 13.6
P.M. 3 A. (Resist. Cap.)	0.1 amp. 13.6
P.M. 4 (Power)	0.1 amp. 13.6

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**AFTERNOON SESSION.**

- 2.0 p.m.—STUDIO ORCHESTRA,  
"Nobody Knows the Trouble I've Seen"  
(White).
- 3.10 p.m.—MRS. DOROTHY BILK:  
"Homestead."
- 3.35 p.m.—MADAME LAMBERT, Soprano:  
"Down in the Forest" (Rouald).  
"Valse de Musette" (Pacini).
- 3.52 p.m.—STUDIO ORCHESTRA:  
"Bure Americana" (Thubane).
- 4.12 p.m.—MARION LIGHTFOOT, Banjo:  
"Mexican Ride."
- 4.30 p.m.—CAPTAIN DONALD MacLEAN:  
"Captain Jack Reveal."
- 4.45 p.m.—STUDIO ORCHESTRA:  
"Stars and Stripes March" (Souza).
- 4.16 p.m.—MADAME LAMBERT, Soprano:  
"Les enfants qui n'ont Plus de Maitresse"  
(Debussy).
- 4.23 p.m.—DOROTHY ROXBURGH, Violin:  
"Bonanno" (Paul Yvon).
- 4.30 p.m.—MISS FLORA PELL, Inspector of  
Schools:  
"Domestic Economy."
- 4.45 p.m.—"Herald" News Service; Stock Ex-  
change Information.
- 5.0 p.m.—Close down.

**EVENING SESSION.**

- 8.0 p.m.—Answers in Letters and Birthday  
Greetings by "LITTLE MISS KOOKA-  
BURRA."
- 8.15 p.m.—THE D'ARCY TRIO:  
"His Little Teddy Bear" (S. Levy).  
"Piano Solo," "Veep Chimes" (Lincoln).
- 8.10 p.m.—MARION LIGHTFOOT, Banjo:  
"Poppies and Wheat."
- 8.15 p.m.—MISS A. M. SHEEPHERD has some-  
thing very special for the children. Mind  
you all listen!
- 8.30 p.m.—Official Report of Newmarket Stock  
Sales: Numbers of Sheep and Cattle drawn  
for Week's Sale; supplied by Life Stock  
Agents' Association, Oxford Chambers,  
Bourke Street, Melbourne.
- 8.45 p.m.—"Herald" News Service; Weather  
Synopsis; Shipping Movements.
- 8.47 p.m.—Stock Exchange Information.
- 8.52 p.m.—Fish Market Reports by J. R. Bor-  
rett, Ltd., Rabbit, Fremantle.
- 8.58 p.m.—River Report.
- 8.58 p.m.—Market Reports of Fruit by the  
Victorian Fruiterers' Association, compiled  
by the "Fruit World," exclusive to 11.0.

**NIGHT SESSION.**

- 7.15 p.m.—Under the auspices of the Devonian  
Australia League, MR. T. M. BURKE, will  
speak on:  
"A Scientific Problem Unsettled."
- 7.30 p.m.—MR. E. C. H. TAYLOR will speak  
on:  
"School Life and School Sport."
- 7.45 p.m.—Under the auspices of the Depart-  
ment of Agriculture, MR. J. M. WARD,  
Superintendent of Horticulture, will speak  
on:  
"Hints on Fruit-growing."
- HAIL COLUMBIA.**  
(AMERICAN INDEPENDENCE DAY.)
- 8.0 p.m.—COBURG CITY BAND:  
Selection, "Gems of America" (Balch).
- 8.10 p.m.—MR. H. E. F. LAMPE, will com-  
mence a series of:  
"Stories of Historical Diamonds"—Intro-  
duction.
- 8.23 p.m.—ISABEL BIDDEL, Contralto:  
"Care mio con."  
"Down in the Desert" (Giordano Ross).
- 8.32 p.m.—COBURG CITY BAND:  
Fantasia, "Happy Days in Dixie" (Bill-  
good).
- 8.45 p.m.—LINDSAY BIGGINS, Piano:  
"Walks in G Sharp Minor" (Chopin).  
"Mazurka in A Minor" (Chopin).  
"Polonaise in A Major" (Chopin).  
"Oriental" (Aman).  
"Refrain Berceuse" (Palmer).  
"Juba" (Nathaniel Dett).  
"Walks in A Flat" (Rehman).  
"High Time from County Derry" (Terry  
Geisinger).
- 8.5 p.m.—MELBOURNE CHORAL UNION:  
Madrigal, "You Stole My Love" (Macfarren).  
"The Sea, Hath Its Pearls" (Pisauti).  
"Elderode" (Pisauti).

- 9.11 p.m.—ROYAL AUTOMOBILE CLUB OF  
VICTORIA'S MESSAGE for Today is for  
PEDESTRIANS—  
"Always choose the safest crossing of the  
roadway. Avoid crossing busy streets  
diagonally. Beware of running into one  
vehicle whilst avoiding another." N.P. An-  
nouncements.
- 9.11 p.m.—COBURG CITY BAND:  
"Pat in America."  
March, "La Belle Americaine."  
9.22 p.m.—MR. J. HOWLETT ROSS will  
speak on—  
"American Independence Day."  
9.42 p.m.—COBURG CITY BAND:  
Hras Quartette, "My Old Kentucky Home"  
(Foster).  
"Old Black Joe" (Foster).  
9.48 p.m.—ISABEL BIDDEL, Contralto:  
"Do Not Go, My Love" (Hegemann).  
"Golden Summer Kiss Your Eyes" (English).  
9.56 p.m.—HARRY NORTH, Concerina:  
"Quite Old Friends."  
10.0 p.m.—Miscellaneous Information and  
British Official Wireless News.
- 10.2 p.m.—COBURG CITY BAND:  
Fantasia, "Minstrel Melodist" (Greenwood).  
10.18 p.m.—CARLTON CHASE:  
"Rose Colored Glasses."  
"Sleep Deep in Dixie."  
10.25 p.m.—"Argus" News Service.  
10.38 p.m.—COBURG CITY BAND:  
March, "Stars and Stripes" (Souza).  
10.47 p.m.—MADAME LAMBERT, Soprano:  
"Sincerity" (Clarcke).  
Serenade Francaise (Leucavello).  
10.45 p.m.—COBURG CITY BAND:  
The Descriptive Piece, "Husking Bee."  
10.52 p.m.—JOE ARONSON AND HIS SYN-  
COPIATING SYMPHONISTS:  
"Savoy" (Hendy) (Souza).  
"Over There" (Collins).  
11.0 p.m.—OUR GREAT THOUGHT:  
"The highest point of good-breeding, if  
you can call it in, is to show a very nice  
pique to your own dignity, and wish that  
it in your heart, to express your value for  
the man above you"—Steele.
- 11.1 p.m.—JOE ARONSON AND HIS SYN-  
COPIATING SYMPHONISTS:  
"Savoy" (Hendy) (Souza).  
11.40 p.m.—GOD SAVE THE KING.

**3AR, MELBOURNE**

**Monday.**

**MIDDAY CONCERT SESSION.**

- 12.1 p.m.—Transmitted from Panastrophe House,  
393 Collins Street (by exclusive permission  
of Hills and Paton, Ltd.), on the Brunswick  
Panastrophe.
- 1 p.m.—Close down.

**MATINEE SESSION—ORCHESTRAL  
CONCERT.**

- Sports results—Mentioned races. The results  
will be broadcast as they come to hand.
- 2.30 p.m.—Studio Orchestra (Direction, Mr.  
Ronald Brearley).  
2.45 p.m.—Miss Vera Thompson, soprano.  
2.53 p.m.—Studio Orchestra.  
3.8 p.m.—Miss Ethel Brearley, piano:  
"In the Owl's Forest" (Jana Lehmann).  
3.12 p.m.—Studio Orchestra:  
Selection, "The Rainbow" (Gershwyn).  
3.27 p.m.—Miss Vera Thompson, soprano.  
3.34 p.m.—Studio Orchestra.  
3.49 p.m.—Mr. Edward Pettifer, violin:  
"Circus" (Elsas).  
3.53 p.m.—Studio Orchestra.  
4.1 p.m.—G.P.O. clock says, "Four."  
4.1 p.m.—Second weather forecast.  
4.4 p.m.—Studio Orchestra.  
4.17 p.m.—Mr. Edward Piper, tenor:  
"M'Appaz Tull' Amaz" (Pisauti).  
"After long absence" (Wilfred Sandersart).  
4.18 p.m.—Studio Orchestra:  
Selection, "Puppets" (Novello).  
4.18 p.m.—Mr. Edward Piper, tenor:  
"Al' Daventon" (Caldwell).  
"A Handful Makes Miles Away" (Gips).  
4.42 p.m.—Studio Orchestra:  
Suite, "A—B—C" (Nimrod).  
5.0 p.m.—To-night's amusement guide.  
5.0 p.m.—G.P.O. clock says, "Five."  
Close down.

**CHILDREN'S SESSION.**

- 6.45 p.m.—"The Farmyard Five." Trans-  
mitted from Kookaburra Gully, the 3AR ap-  
propriety station.

**EVENING SESSION.  
VARIETY CONCERT.**

- 7.45 p.m.—Macanarra's marionettes  
Notices.  
News.
- 8.00 p.m.—G.P.O. clock says, "Eight."  
8.1 p.m.—Mr. Frederick George, baritone:  
—sings on keeping on" (Loughead).  
"When song is sweet" (Sana Soto).  
8.7 p.m.—Mr. Xavier Rosenhain, flute:  
"Liane des Marchionnes" (Kuhler).  
Introduction "Firin Polka" (Ardmann).  
8.14 p.m.—Mr. Lauriaton Barnett, English  
Humourist in a Vocal Entertainment.
- 8.22 p.m.—Miss Helen Pascoe-Webber, contralto.  
"Master Hymn" (Frank Bridges).  
"Penny, Boy" (Weatherly), by request.
- 8.29 p.m.—Miss Helen Hammonerton, violin:  
"Rondo" (Mozart-Kreidler).  
8.37 p.m.—Eddie "Plus," "Rata." A most  
laughable comedy sketch.
- 8.52 p.m.—Mr. Frederick George, baritone:  
"I'm a Cornish Man" (Hens),  
"Beyond the Night" (Moade).  
8.58 p.m.—Mr. Xavier Rosenhain, flute:  
"Andantino" movement from No. 3 Con-  
certo (Bischoff).  
Introduction Fantasia, "Pastoral Hongroise"  
(Debussy).
- 9.6 p.m.—Mr. Allan Lecaime, the Empire  
Traveller. Some adventures to everyday  
collapsing.
- 9.21 p.m.—Mr. Lauriaton Burnett, English  
Humourist:  
"The Funny Little Man" (E. Morel).  
"Apart from This" (M. A. Parry).  
9.29 p.m.—Miss Ellen Pascoe-Webber, con-  
tralto:  
"To Maud" (Schubert).  
"Before the Dawn" (Lanz).  
9.38 p.m.—Miss Helen Hammonerton, violin:  
"Historic Legend" (Paisini).  
"Canonetta" (Goffard).  
9.43 p.m.—Mr. Frank Groszley, "The Assize  
Case."  
9.53 p.m.—Mr. Walter Quick, solo pianist:  
"Hungarian Dances, Nos. 6 and 7"  
(Brahms).
- 10 p.m.—G.P.O. clock says, "Ten."  
10.1 p.m.—"The Age" news bulletin.  
10.16 p.m.—Dance Hour with Leggett's Bal-  
letina Orchestra. Direction, Mr. Harry  
Mangle.
- 11 p.m.—G.P.O. clock says, "Eleven."  
God Save the King.

**4QG, BRISBANE.**

**Monday.**

**MIDDAY SESSION.**

- 1 p.m.—Market reports; weather information  
supplied by the Commonwealth Weather  
Bureau; news services, supplied by "The  
Daily Mail" and "The Daily Standard."  
FROM HOTEL CARLTON—  
1.20 p.m.—Lunch music played by Hotel Car-  
lton Symphony Orchestra.  
FROM THE OBSERVATORY—  
1.58 p.m.—Standard time signal.  
2 p.m.—Close down.

**AFTERNOON SESSION.**

- FROM HOTEL CARLTON—  
3.30 p.m.—Afternoon tea music played by  
Hotel Carlton Symphony Orchestra.  
FROM THE STUDIO—  
4.15 p.m.—News service supplied by "The  
Telegraph."  
4.30 p.m.—Close down.

**NIGHT EVENING SESSION.**

- 6 p.m.—News service supplied by "The Daily  
Standard."  
6.30 p.m.—The Children's Session—stories by  
"The Sandman."

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## 6WF, PERTH.

## Monday.

7 p.m.—Market reports; stock reports.  
7.30 p.m.—Weather news; announcements.  
7.40 p.m.—Standard time signals.  
7.45 p.m.—Lecturette—"The Children's Music Corner," conducted by "The Music Man."

## NIGHT SESSION.

## ORGAN RECITAL.

Portion of the organ recital by Mr. George Sampson, F.R.C.O. (City Organist) will be relayed from St. John's Cathedral.  
FROM ST. JOHN'S CATHEDRAL—  
8 p.m.—Overture, "L'Italiani" (Rossini); "Pastorale" (Kuller); "Organ Sonata No. 1" (Mendelssohn); "Ave Maria and pas des deux Pigeons" (Messager); "Scherzo" from "The 2nd Symphony" (Wagner); "The Hunters" (Debussy); Russian Air, with variations ("Foyers"; "Gavotte" (Handel); "The Evening Bell" (Chauvet); "Wedding March" (Lohengrin).

## THE FEDERAL BAND.

9.1 p.m.—March, "Arabian" (Kimmer); the Federal Band (conductor, Mr. W. H. Davis); soprano solo, "Jerusalem" (Hurray); Miss Ruth Portante; cornet solo, "Seenes That are Brightest" (Wallace); Mr. W. H. Davis (accompanied by the Federal Band) cornet and mirth by "The Mahoney Duo"; soprano solo, "Open The Blue Eyes" (Lassen); Miss Rose Stammers; intermission; "Rustic Felicity" (Rogoff); the Federal Band; tenor solo, selected; Signor Corti; soprano solo, selected; Mrs. Robt. Bell; contralto solo, "When My Ships Come Sailing Home" (Dorelli); Miss Dorothy Brown; solo, "Gaily Fair" (Greenwood); the Federal Band; tenor solo, selected; Signor Corti; contralto, "The Oco Pops" (Strong); the Federal Band.  
FROM THE STUDIO.  
10 p.m.—The "Daily Mail" news; weather news. Close down.

## 5CL, ADELAIDE

## Monday.

## MORNING SESSION.

12 noon—Chimes.  
12.1 p.m.—Studio Music.  
12.15 p.m.—Advertiser news Service and Market reports.  
12.45 p.m.—Studio Music.  
1 p.m.—Advertiser News Service.  
1.15 p.m.—Studio Music.  
2 p.m.—Chimes. Stock Exchange Intelligence. (Official weather bulletin.  
Close down.

## AFTERNOON SESSION.

3 p.m.—G.P.O. Chimes.  
3.1 p.m.—Relay from the Maple Leaf Cafe—Orchestral selections.  
3.40 p.m.—Studio music.  
4 p.m.—G.P.O. Chimes.  
4.1 p.m.—Relay from the Azadiah Cafe—Orchestral selections.  
4.45 p.m.—Station announcements.  
6 p.m.—G.P.O. Chimes and close down.

## EVENING SESSION.

8 p.m.—G.P.O. Chimes.  
8.1 p.m.—Dinner music relayed from Covent Gardens.  
8.45 p.m.—Childrens Entertainment.  
9.25 p.m.—Market reports; Stock Exchange Intelligence. Retail Grocer reports. Automobile Association Bulletin.  
9.40 p.m.—Mr. Noel Hubble will speak on Physical Culture.  
10.1 p.m.—A programme of Orchestral and Vocal items by Fouchault's Robinsons' Operatic Company.  
Articles Assisting:  
Marcella Borroni, Lizzie Foglia, Lynnie Gilbert, Joan Le Corneur, Walter Noffke, William Beskwick, M. Schafel, J. Griffith.  
10.50 p.m.—Twenty minutes with "The Twinkler."  
8.40 p.m.—Studio programme.  
8.1 p.m.—Weather and Dalgely's Wheat Report.  
8.5 p.m.—Studio Programme.  
10 p.m.—Advertiser news service. Wireless Shipping.  
10.10 p.m.—Studio programme.  
10.50 p.m.—Weather Bulletin.  
11 p.m.—Station announcements, Tomorrow's programme, National Anthem.

## Monday.

12.40 p.m.—Tune in.  
12.35 p.m.—Local news bulletin.  
Market reports.  
Cables.  
1 p.m.—Time signal from Perth Observatory.  
1.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.  
1.2 p.m.—Studio Quintette.  
2 p.m.—Close down.  
2.30 p.m.—Tune in.  
3.35 p.m.—Musical programme.  
4 p.m.—Studio Instrumental Trio.  
4.20 p.m.—Close down.  
6.45 p.m.—Uncle Henry and Duffy will talk to the kiddies.  
7.20 p.m.—Stock and Share Intelligence.  
Market reports.  
Cables.  
News by courtesy of "The West Australian" Newspaper Co.  
7.55 p.m.—Talk.  
8 p.m.—Time signal from Perth Observatory.  
8.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.  
8.2 p.m.—A Relay  
Address by the Rev. James Barr, M.A., M.P., relayed from the Perth Town Hall.

## FROM THE STUDIO.

Musical programme, including artists.  
10 p.m.—Late news items by courtesy of "The Daily News" Newspaper Co.  
Ships within range announcement.  
Weather report and forecast.  
10.30 p.m.—Close down.  
109 Metre Transmission.  
Simultaneous broadcast on 100 metre of musical programme given on 1250 metres.

Tuesday, July 5  
2FC, SYDNEY

## EARLY MORNING SESSION.

7 a.m.—"Big Ben" and announcements.  
7.5 a.m.—Studio music.  
7.15 a.m.—Country Session: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services.  
7.25 a.m.—Investment market, mining share market, metal quotations.  
7.35 a.m.—Wool sales, breadstuffs markets, interstate markets, produce markets.  
7.45 a.m.—"Sydney Morning Herald" summary.  
8 a.m.—"Big Ben." Close down.  
MORNING SESSION.  
10 a.m.—"Big Ben" and announcements.  
10.5 a.m.—Studio music.  
10.15 a.m.—"Sydney Morning Herald" news service.  
10.30 a.m.—Studio music.  
10.35 a.m.—A talk by the 2FC racing commissioner.  
10.45 a.m.—Studio music.  
11 a.m.—"Big Ben." Marching music for school children.  
11.5 a.m.—A.P.A. and Reuter's cable services.  
11.55 a.m.—Studio music.  
11.5 a.m.—A talk on home cooking and recipes by Miss Ruth Frost.  
11.40 a.m.—Close down.

## MIDDAY SESSION.

12 noon—"Big Ben" and programme announcements.  
12.2 p.m.—Stock Exchange, first call.  
12.3 p.m.—Official weather forecast, rainfall.  
12.5 p.m.—Studio music.  
12.55 p.m.—Summary of "Sydney Morning Herald" news service.  
Rugby wireless news.  
12.25 p.m.—Studio music.  
12.30 p.m.—Marching music for school children.

12.40 p.m.—Gertrude Asher, mezzo.  
12.45 p.m.—Studio music.  
1 p.m.—"Big Ben." Weather intelligence.  
1.3 p.m.—"Evening News" midday news service. Producers' Distributing Society's report.  
1.20 p.m.—Studio music.  
1.25 p.m.—Stock Exchange, second call.  
1.30 p.m.—Marching music for school children.  
1.40 p.m.—Gertrude Asher, mezzo.  
1.45 p.m.—Studio music.  
2 p.m.—"Big Ben." Close down.

## AFTERNOON SESSION.

3 p.m.—"Big Ben" and announcements.  
3.5 p.m.—The Lyric Winter Garden Theatre Orchestra, Jimmy Elkins and his jazz band, with the grand organ.  
3.40 p.m.—Marching music for school children.  
3.40 p.m.—By Taylor, mezzo (from Farmer's Tea Room).  
3.45 p.m.—"Big Ben" and announcements.  
3.5 p.m.—The Lyric Winter Garden Theatre Orchestra, Jimmy Elkins and his jazz band, with the grand organ.  
3.55 p.m.—"Just for Today" (Harding).  
4.5 p.m.—The Lyric Winter Garden Theatre Orchestra, Jimmy Elkins and his jazz band.  
4.15 p.m.—Edeé Sinnott, soprano; "Wanna go back, again Blues" (Handmanns).  
4.20 p.m.—By Taylor, mezzo.  
4.25 p.m.—The Lyric Winter Garden Theatre Orchestra, Jimmy Elkins and his jazz band.  
4.35 p.m.—Maysie Gilenau, lyric soprano; "Little Brown Bird" (del Riego).  
4.40 p.m.—Florence Grant, soprano; "Moonlight Eves" (Temple).  
4.45 p.m.—Stock Exchange, third call.  
4.45 p.m.—Edeé Sinnott, soprano; "Just Like a Fool" (Philwin).  
4.50 p.m.—Maysie Gilenau, lyric soprano; "Winter" (D'Hardelot).  
4.55 p.m.—Studio music.  
5 p.m.—"Big Ben." Close down.

## EARLY EVENING SESSION.

5.45 p.m.—The chimes of 2FC.  
5.50 p.m.—The "Hello Man" talks to the children.  
6.20 p.m.—Story time for the young folk.  
6.40 p.m.—Dinner music.  
7 p.m.—"Big Ben." Late sporting news.  
7.10 p.m.—Dalgely's market reports (wheat and stock).  
7.15 p.m.—Fruit and vegetable markets.  
7.30 p.m.—Weather and shipping intelligence.  
7.35 p.m.—"Evening News" late news service.

## NIGHT SESSION.

7.40 p.m.—Programme announcements.  
7.45 p.m.—A talk on Snakes, by Mr. A. S. Le Sœur.  
8 p.m.—"Big Ben." Handwick Municipal Band.  
8.12 p.m.—"Mike" has something to say.  
8.15 p.m.—Jean Grant, soprano; "The Moorish Maid" (Parley).  
8.18 p.m.—The Handwick Municipal Band.  
8.22 p.m.—Russell Rix, basso; "Hindoo Song" (Bemberg).  
8.22 p.m.—The Handwick Municipal Band.  
8.44 p.m.—The English Futurists—A company of entertainers direct from a London season—make their first appearance at 2FC. The company includes Ira Varda, Gus Dawson, G. W. Deacon, Cyril Northcutt, and will present a "Radio Revue."  
9.4 p.m.—The Handwick Municipal Band.  
9.12 p.m.—A little interruption from "Mike."  
9.15 p.m.—William Krasnik, violinist; "Legende" (Wienawski).  
9.22 p.m.—Jean Grant, soprano; "Piper of June" (Carew).  
9.25 p.m.—The Handwick Municipal Band.  
9.36 p.m.—Russell Rix, basso; (a) "Give a man a horse" (O'Hara). (b) "Sylvia" (Speaks).  
9.45 p.m.—William Krasnik, violinist; "Liebestrang" (Liszt, arr. Monk).  
9.50 p.m.—Jean Grant, soprano; (a) "Battle Fields of Scotland" (Doriel). (b) "Come Home" (Krasnik) (request).  
9.58 p.m.—William Krasnik, violinist; "Spanish Dance" (Granados-Kreisler).

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AND AT BRISBANE

10.2 p.m.—The English Futurists. A company of entertainers direct from a London season, including Ira Varda, Gus Dawson, G. V. Desmond, Cyril Northcote, in "Broadcast Billa."  
 10.30 p.m.—Rugby Six, basso:  
 "Muller of Walsley" (Trotter).  
 10.35 p.m.—Dance music.  
 10.47 p.m.—Late news and announcements.  
 11 p.m.—"Big Ben."  
 Dance music.  
 11.15 p.m.—Close down.

## 2BL, SYDNEY.

Tuesday.

### EARLY MORNING SESSION.

7.0 a.m.—G.P.O. Clock and Chimes; Metropolitan Weather Forecast.  
 7.15 a.m.—State Weather Report.  
 7.4 a.m.—News Service.  
 7.45 a.m.—Fruit Market Report.  
 7.48 a.m.—Vegetable Market Report.  
 7.50 a.m.—A.M.L. F. and Co.'s Report.  
 7.54 a.m.—Dairy Farm Produce Market Report.  
 7.55 a.m.—Poultry Market Report.  
 7.59 a.m.—G.P.O. Clock and Chimes; Musical Programme from Studio.  
 7.57 a.m.—News Service.  
 7.32 a.m.—Hints in Call by Wireless.  
 7.44 a.m.—Mail Information; Shipping Arrivals and Departures, and Port Directory.  
 7.48 a.m.—News Service.  
 8.0 a.m.—G.P.O. Clock and Chimes; Close Down.

### MORNING SESSION.

10.00 a.m.—G.P.O. Clock and Chimes; Musical Programme from Studio.  
 10.10 a.m.—News from the "Daily Telegraph."  
 10.50 a.m.—Musical Programme from the Studio.  
 11.0 a.m.—G.P.O. Clock and Chimes; Announcements.  
 11.5 a.m.—Musical Programme from the Studio.  
 11.15 p.m.—Social Notes by Mrs. Jordan; Replies to Correspondents. Talk on "Diet and Obesity" by Mr. Adams, A.M.A.  
 12 noon.—G.P.O. Clock and Chimes; Special Ocean Forecast and Weather Report.  
 12.3 p.m.—Musical Programme from the Studio.  
 12.15 p.m.—Information; Mails, Shipping, and Port Directory.  
 12.18 p.m.—Boats in Call by Wireless.  
 12.30 p.m.—Fruit Market Report.  
 12.32 p.m.—Vegetable Market Report.  
 12.34 p.m.—London Metal Market Report.  
 12.36 p.m.—Dairy and Farm Produce Market Report.  
 12.40 p.m.—G.P.O. Clock and Chimes; Foreign Market Report.  
 12.42 p.m.—Fruit Market Report.  
 12.44 p.m.—Fruit Market Report.  
 12.46 p.m.—News from the "Sun."  
 12.45 p.m.—Hilliers' Instrumental Quartette; Direction, Cyril Caelliing.  
 1.00 p.m.—G.P.O. Clock and Chimes; Talk to Children and Special Entertainment for Children in Hospital.  
 2.0 p.m.—G.P.O. Clock and Chimes; Close Down.

### AFTERNOON SESSION.

Racing Information Broadcast immediately after each Race by courtesy of the "Sun."  
 3.0 p.m.—G.P.O. Clock and Chimes; News from the "Sun."  
 3.15 p.m.—Civil Service Stores Trio. Direction, Miss de Courcy-Bremer.  
 3.20 p.m.—G.P.O. Clock and Chimes; Talk on "Wanderings in the Pacific" by Mr. Basil Fife.  
 4.0 p.m.—G.P.O. Clock and Chimes; Civil Service Stores Trio.  
 4.15 p.m.—Serial Story.  
 4.35 p.m.—Musical Programme from the Studio.  
 4.45 p.m.—News from the "Sun."  
 4.55 p.m.—Racing Results.  
 4.52 p.m.—Resume of Night's Programme.  
 4.54 p.m.—Announcements and What's On?  
 4.59 p.m.—Special Ocean Forecast.  
 5.0 p.m.—G.P.O. Clock and Chimes; Close Down.

### EARLY EVENING SESSION.

6.45 p.m.—G.P.O. Clock and Chimes; Uncle Jack and the Kidnies.  
 6.50 p.m.—The Pupils of Miss Maudie Beally will entertain the Auditors.  
 6.40 p.m.—Musical Programme from the Studio.  
 7.0 p.m.—G.P.O. Clock and Chimes; Australian Mercantile and Finance Co.'s Report; Weather Report and Forecast by Officers of Government Meteorological Department; Distributing Society's Fruit and Vegetable Market Report. Stock Exchange Report; Grain and Cattle Report ("Sun"); Dairy Produce Report ("Sun").  
 7.15 p.m.—Country News from the "Sun."  
 7.30 p.m.—Talk on "The Motor Car," by Mr. Martin.  
 7.0 p.m.—G.P.O. Clock and Chimes; Broadcasters' Topical Chorus.  
 8.5 p.m.—Broadcasters' Light Orchestra, under the Direction of Mr. J. Kenneth Barnett.

### SPECIAL COUNTRY SESSION.

8.14 p.m.—Mr. Roy Scrivenor (Bartone).  
 8.16 p.m.—Miss Millie Hughes (Bartone).  
 8.37 p.m.—Mr. Gerald Walton (Venus songs).  
 8.47 p.m.—Mr. Raymond Beatty (Dance).  
 8.44 p.m.—The Loose Vocal Trio.  
 8.5 p.m.—The Link Murray (Contralto).  
 8.16 p.m.—Weather Report and Forecast by courtesy of Mr. C. J. Mares, Government Meteorologist.  
 9.0 p.m.—G.P.O. Clock and Chimes; Resume of Following Day's Programme.  
 9.4 p.m.—Broadcasters' Light Orchestra.  
 9.15 p.m.—Duet, Miss Millie Hughes and Mr. Raymond Beatty.  
 9.15 p.m.—Mr. Gerald Walton.  
 9.28 p.m.—Mr. Roy Scrivenor.  
 9.35 p.m.—Miss Millie Hughes.  
 9.42 p.m.—Broadcasters' Light Orchestra.  
 9.50 p.m.—Miss Lena Murray.  
 10.0 p.m.—G.P.O. Clock and Chimes.  
 10.1 p.m.—Mr. Raymond Beatty.  
 10.8 p.m.—The Loose Vocal Trio.  
 10.15 p.m.—The Ambassador Dance Band Broadcast from the Ballroom of The Ambassadors. During intervals between dances News Reports by courtesy of the "Sun" will be broadcast.

12 midnight.—G.P.O. Clock and Chimes; National Anthem.  
 Tuesday.  
 12 noon.—Time signal. Metal Prices, received by the Australian Mines and Metals Association from the London Bux Exchange this day. British Official Wireless news from Rugby. Dealer's and The Australian Free Association Callee. Argue news service.  
 12.20 p.m.—THE D'ARCY TRIO:  
 "Just a Cottage Song" (J. Hanley).  
 "The Ball" (Quarand).  
 "Me, Too!" (Ward).  
 Violin, "Serenade" (Moskowlak).  
 12.22 p.m.—STUDIO ORCHESTRA:  
 Overture, "Merry Wives of Windsor."  
 12.24 p.m.—Stock Exchange Information.  
 12.43 p.m.—STATION TRIO:  
 "Trio in C Minor" (Beethoven).  
 12.55 p.m.—TABLION CHASE. Monologue:  
 "The Difference."  
 1 p.m.—HARRY NORTH, English Concertina Selections.  
 1.7 p.m.—STUDIO ORCHESTRA:  
 Selection, "Our Miss Gibbs."  
 1.12 p.m.—Meteorological Information. Shipping Intelligence. Weather Forecast for Victoria, Tasmania, South Australia, and New South Wales. Ocean Forecast. River Reports.  
 1.18 p.m.—CAPT. DONALD MacLEAN—  
 "The Madagascan Princes."  
 1.34 p.m.—STUDIO ORCHESTRA:  
 "Lullie XII, Gavotte."  
 1.44 p.m.—CARLTON CHASE:  
 "Whistle Away Your Blues."  
 "Honey Bunch."  
 1.50 p.m.—STUDIO ORCHESTRA:  
 "Martini Moments."  
 2 p.m.—Close down.

## 3LO, MELBOURNE.

Tuesday.

### MIDDAY SESSION.

12 noon.—Time signal. Metal Prices, received by the Australian Mines and Metals Association from the London Bux Exchange this day. British Official Wireless news from Rugby. Dealer's and The Australian Free Association Callee. Argue news service.  
 12.20 p.m.—THE D'ARCY TRIO:  
 "Just a Cottage Song" (J. Hanley).  
 "The Ball" (Quarand).  
 "Me, Too!" (Ward).  
 Violin, "Serenade" (Moskowlak).  
 12.22 p.m.—STUDIO ORCHESTRA:  
 Overture, "Merry Wives of Windsor."  
 12.24 p.m.—Stock Exchange Information.  
 12.43 p.m.—STATION TRIO:  
 "Trio in C Minor" (Beethoven).  
 12.55 p.m.—TABLION CHASE. Monologue:  
 "The Difference."  
 1 p.m.—HARRY NORTH, English Concertina Selections.  
 1.7 p.m.—STUDIO ORCHESTRA:  
 Selection, "Our Miss Gibbs."  
 1.12 p.m.—Meteorological Information. Shipping Intelligence. Weather Forecast for Victoria, Tasmania, South Australia, and New South Wales. Ocean Forecast. River Reports.  
 1.18 p.m.—CAPT. DONALD MacLEAN—  
 "The Madagascan Princes."  
 1.34 p.m.—STUDIO ORCHESTRA:  
 "Lullie XII, Gavotte."  
 1.44 p.m.—CARLTON CHASE:  
 "Whistle Away Your Blues."  
 "Honey Bunch."  
 1.50 p.m.—STUDIO ORCHESTRA:  
 "Martini Moments."  
 2 p.m.—Close down.

### AFTERNOON SESSION.

2 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS:  
 "What's the Use of Crying?" (Ferberstein).  
 "Hello, Hello!" (Friedel).  
 "Just a Bird's Eye View" (Donaldson).  
 2.19 p.m.—"AG FAIT":  
 "Fashin' Talk."  
 2.25 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS:  
 "If You See Sally" (Rahn).  
 "Remodelly's Lenny" (Davis).  
 "Ham, the Old Accorion Man" (Donaldson).  
 3.36 p.m.—CARLTON CHASE:  
 "Sunshine Shined Away from Killarney."  
 "Remodelly Beat and Trant."  
 4.40 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS:  
 "Baby Face" (A.S.).  
 "Ting-a-Lang" (Britt).  
 "Mary Ann" (Lerman).  
 3.53 p.m.—MARION LIGHTFOOT, Soprano:  
 "I Know a Lovely Gentleman."  
 "Faroo" (to Summer).  
 4 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS:  
 "Chinese Moon" (Nausbaum).  
 "The Mops We are Telling" (Campbell).  
 "I'm on My Way Home" (Fisher).  
 4.10 p.m.—KEITH DEMMOND, Elocutionist:  
 "Ave Maria" (Dryblower).  
 "Is 'Arp" (Dryblower).  
 4.17 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS:  
 "Canille" (Sherrman).  
 "Bonfire" (Raney).  
 "Climbing up the Ladder of Love."  
 4.27 p.m.—MATION MORELAND:  
 "Mehreah."  
 4.57 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS:  
 "Let's All Honey For!" (Leslie).  
 "Bob's Knicker" (Swid).  
 "The Original Black Bottom" (Henderson).  
 4.48 p.m.—"Herald" news service. Stock Exchange information.  
 5 p.m.—Close down.

### EVENING SESSION.

5.30 p.m.—Answers to Letters and Birthday Greetings by "MARY GUMBEAR."  
 6 p.m.—MILICENT GOSWOLD will sing:  
 "The Turtle Dove" (Folk Song).  
 "Come, Inness and Judd" (Folk Song).  
 "Moving the Barley" (Folk Song).  
 "I Saw a Ship a-Sailing" (Nursery Rhyme).  
 "The Lion and the Unicorn" (Nursery Rhyme).  
 IDA SCOTT, Pianist, will play—  
 "Moving the Barley" (Folk Song Fantasy by Fritz Hart).  
 "Go from My Window, Go!" (Folk Song arranged for Flano by Fritz Hart).  
 "Gipsy's Chain" (Folk Song arranged for Flano by Fritz Hart).  
 MARY McKEIBIN, Violinist, will play:  
 "Brin, Oh, Brin" (Old Irish, arranged by A. Sammons).  
 "Cradle Song" (Old Irish, arranged by A. Sammons).  
 "Lambert" (Old Irish, arranged by A. Sammons).  
 Accompanist ..... Ida Scott  
 6.30 p.m.—Official report of Newmarket Stock Sales. Report on Sheep and Lambs by the Live Stock Agents' Association, Oxford Chambers, Bourke Street, Melbourne.  
 6.38 p.m.—"Herald" news service. Weather synopsis. Shipping movements.  
 6.47 p.m.—Stock Exchange information.  
 6.52 p.m.—Race Market reports by J. E. Bennett, Ltd. Rabbit trials.  
 6.55 p.m.—River reports.  
 6.58 p.m.—Market prices by the Victorian Producers' Co-operative Co., Ltd. Dairy Produce, Potatoes and Onions, Poultry, Grain, Hides, Hay and Jute.  
 7.0 p.m.—Fruit Market reports by the Victorian Wholesale Fruitellers' Association, conducted by "The Fruit World," exclusive to 3LO.  
 NIGHT SESSION.  
 7.15 p.m.—Under the auspices of the Town Planning Association, MR. S. LUTEN, C.E., will speak on  
 "Melbourne Sub-Divisions."





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*--- to the highest notes  
of the violin*

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- 7.30 p.m.—Mr. F. Sichelso, M.A., Lecturer to University Extension Board:  
"Parodies."  
7.45 p.m.—MR. R. H. CROLL:  
"The Possum—Is He a Pest?"  
8 p.m.—SIR DOUGLAS MAWSON, Leader of the Australian Antarctic Expedition, 1911 and 1914, will speak from the National Museum on:  
"Adventures in the Antarctic."  
8 p.m.—NEWPORT WORKSHOPS BRASS BAND:  
Selection, "Iskranth" (Sullivan).  
8.10 p.m.—RAILWAYS MUSICAL SOCIETY:  
"Hail, Bright Abode" (Wagner).  
8.11 p.m.—CONSTANCE ZIEBELL, Violin:  
"Romance in D" (Beethoven).  
8.15 p.m.—MR. H. E. F. LAMPE, Stories of Historical Diamonds:  
"The Griffe."  
8.34 p.m.—NEWPORT WORKSHOPS BRASS BAND:  
Solo, "A Rustic Holiday" (Rimmer).  
8.44 p.m.—COLIN THOMPSON, Tenor:  
"Sea Rapture."  
8.48 p.m.—Announcements and ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR MOTORISTS:  
"Never turn into or out of a road except DEAD SLOW. Never reverse unless you KNOW that all is clear. Never assume that the road is clear."  
8.52 p.m.—O. RICHARD CHUGG, Bass:  
"Humoresque" (Hakobchur).  
8.57 p.m.—MUSICAL SOCIETY (Ladies' Voices):  
"The China Mandarin" (Bantock).  
"The Soul Star."  
10.4 p.m.—Meteorological information.  
"Argyll" news service.  
10.9 p.m.—NEWPORT WORKSHOPS BRASS BAND:  
Cornet solo, "The Reary" (Nevin).  
10.14 p.m.—MRS. LLOYD ROBERTS, soprano:  
"Sognal" (Schubert).  
10.19 p.m.—British Official Wireless news. Spelling Notes by "Olympus."  
10.25 p.m.—MUSICAL SOCIETY:  
"O. Gladsome Light"—Golden Legend (Sullivan).  
10.3 p.m.—CONSTANCE ZIEBELL, Violin:  
"Siellano and Riscione" (Franz-Kreisler).  
10.35 p.m.—COLIN THOMPSON, Tenor:  
"Weep No More" (Helm).  
10.39 p.m.—NEWPORT WORKSHOPS BRASS BAND:  
Selection, "Paqui" (Gounod).  
10.45 p.m.—MRS. LLOYD ROBERTS, soprano.  
"Lovely Night" (Romberg).  
10.52 p.m.—JOE ARONSON AND HIS SYN-OPATING SYMPHONISTS:  
"Dorazudo" (Reginald).  
"Tonight's My Night with Baby."  
(Mow).  
11 p.m.—OUR GREAT THOUGHT:  
"No good thing is ever lost. Nothing dies, not even life, which gives up one form only to assume another. No good action, no good example dies. It lives forever in our race. While the frame moulders and disappears, the soul leaves an indelible stamp and moulds the very thought and will of future generations."  
—Samuel Smiles.  
11.3 p.m.—JOE ARONSON AND HIS SYN-OPATING SYMPHONISTS:  
11.40 p.m.—GOD SAVE THE KING.

### 3AR, MELBOURNE

Tuesday.

MORNING NEWS SESSION—11 to 12 noon.

- MIDDAY CONCERT SESSION  
12.1 p.m.—Transmitted from Panatrope House, 262 Collins Street by permission of Wills & Paton, Ltd., on the Brunswick Peninsula.  
1 p.m.—Close down.

MATINEE SESSION—ORCHESTRAL CONCERT.  
3.30 p.m.—THE STUDIO ORCHESTRA—  
(Direction: Mr. Ronald Brasley).

- "A love suite" (Lakel).  
2.45 p.m.—MISS DULCE JOSEPH, soprano:  
"Chant Venetian" (Bemberg).  
2.53 p.m.—THE STUDIO ORCHESTRA:  
"Don Quixote" (Goffredo).  
Singer's "Mignonne" (Leigh).  
3.8 p.m.—MR. RONALD BRASLEY, Cello:  
"Andante Cantabile" (Lisztowsky).  
3.14 p.m.—THE STUDIO ORCHESTRA:  
"Scenes from the South" (Macleod).  
"Wings of Joy" (F. Van Norman).  
3.27 p.m.—Miss Dulce Joseph, Soprano:  
"The Maidens of Cadix" (Debussy).  
"The Little Hawk" (Lissa Lehmann).  
3.35 p.m.—The Studio Orchestra:  
"Suite Dausante—Intermezzo" (Rouse).  
"Sonnet" (Mozart).  
3.43 p.m.—Mr. Rowley, Irish Baritone:  
"The Hills of Donegal" (Benderon).  
"Little Irish Girl" (Lubr).  
4 p.m.—G.P.O. Clock says "Ten."  
4.1 p.m.—2nd. Wireless Forecast.  
4.1 p.m.—The Studio Orchestra:  
"From India"—Suite Orientale (Popy).  
"Memories" (F. J. St. Clair).  
4.21 p.m.—Mr. Rowley, Irish Baritone:  
"The Minstrel Boy" (Moore).  
"Travelling in the Rain" (Williams-Stanford).  
4.29 p.m.—Studio Orchestra.  
4.35 p.m.—To-Night's Amusement Guide.  
5 p.m.—G.P.O. Clock says "Five."  
Close down.

CHILDREN'S SESSION.  
6.45 p.m.—"Uncle Max's Entertainment." An hour of Music, Song and Story for all Uncle Mac's Nephews and Nieces all over Australia and New Zealand. Uncle Mac's "SURPRISE PACKET" full of fun and fancy.  
"A PERSIAN GARDEN."

- EVENING SESSION.  
7.45 p.m.—McNamara's Market reports. Pigs and Cattle notices.  
8 p.m.—G.P.O. Clock says, "Eight."  
8.1 p.m.—The Jacobean Instrumental Trio:  
"The Spring" (Grieg).  
Miss Felice Crozier, Violin:  
"The Flower Song" (from Faust) (Gounod)  
Mr. Stanislas Cox, Cello.  
Miss Violet Wood, Flute.  
"The Blue Danube" (Mozart).  
A performance of—"In a Persian Garden" (Lissa Lehmann). Conductor: Mr. Bradford Foster.  
8.52 p.m.—Miss Margaret Kerr, Entertainer in eight minutes of musical humor:  
"How to Live to be a Hundred" (Leacock).  
9 p.m.—Miss Felice Crozier, Violin.  
"Melodie" (Kreisler); "Macurra" (Henry).  
9.8 p.m.—Miss Gertrude Gray, contralto:  
"Two Negro Spirituals."  
"Swing low, Sweet Chariot" (Burleigh).  
"I'm an O' Lord" (Burleigh).  
9.16 p.m.—Miss Margaret Kerr, Entertainer in one more musical humor, "The New Food" (Leacock).  
9.23 p.m.—Mr. Leslie Jephcott, tenor:  
"A Request" (Woodford-Finden).  
"Mighty Like a Rock" (Nevin).  
9.30 p.m.—The Jacobean Instrumental Trio:  
"Duetto" (Mendelssohn).  
"Salut D'Amour" (Bizet).  
"Intermezzo Kueser" (Frankl).  
9.45 p.m.—Dr. Geo. Furness Philpotts, President of the Food Education Society of Victoria, and Editor of "The National Health Magazine," will speak on "The Milk Question."  
Miss Violet Wood at the Piano.  
10 p.m.—G.P.O. Clock says "Ten."  
10.1 p.m.—"The Age" news bulletin.  
10.5 p.m.—Dance Hour, with Leggett's Ballroom Orchestra. (Direction: Mr. Harry Nangle).  
11 p.m.—G.P.O. Clock says "Eleven."  
GOD SAVE THE KING.

### 4QG, BRISBANE.

Tuesday

- MIDDAY SESSION.  
1 p.m.—Market reports; weather information; "The Daily Mail" and "The Daily Standard" news.  
FROM HOTEL CARLTON.  
1.20 p.m.—Lunch music played by Hotel Carlton Symphony Orchestra.

FROM THE OBSERVATORY—  
1.55 p.m.—Standard time signal.  
2 p.m.—Close down.

AFTERNOON SESSION.  
A PROGRAMME OF MUSIC FROM THE STUDIO—

- 8.30 p.m.—Duo Art selection, "Cometin Marinka" (Larggeli); Aeolian Vocalion selection—(a) contralto solo, "Three Fishers" (Ruhlk). Miss Ethel Hook, (b) band. Reminiscences of Spindler" (Goffredo), B.M. from Leo Garsch; Duo Art selection, "Mimel" (Paderewski); Aeolian Vocalion selection—(a) bass solo, "The Trumpet Shell Sound" (Handel); Mr. Horace Stevens, (b) choral and orchestra, "Gems from 'The Tost'" (Gerhart) Chorus and Dance Orchestra; Duo Art Selection, "Simple Aves" (Thome); Aeolian Vocalion selection—(a) contralto solo, "Gems from 'The Tost'" (Gerhart) Chorus and Dance Orchestra; Duo Art Selection, "Simple Aves" (Thome); Aeolian Vocalion selection—(a) bass solo, "My Old Shako" (Frotter), Mr. Malcolm McEachern; Duo Art selection, "Blue Danube Waltz" (Strauss).  
4.15 p.m.—"Telegraph" news.  
4.50 p.m.—Close down.  
EARLY EVENING SESSION.  
8 p.m.—"Early Standard" news; announcements.  
8.30 p.m.—The children's session—stories by Uncle Ben and Uncle Jim.  
9 p.m.—Market reports; stock reports.  
9.50 p.m.—Weather news; announcements.  
7.45 p.m.—Standard time signals. — "Corro" Hawaiian; "If I Ain't Hava You" (Lunas), Palms Hawaiian, (b) bass solo, "My Old Shako" (Frotter), Mr. Malcolm McEachern; Duo Art selection, "Blue Danube Waltz" (Strauss).

NIGHT SESSION.  
RECEPTION TO SIR JOHN AND LADY GOODWIN

The State reception to His Excellency the Governor (Sir John Goodwin) and Lady Goodwin will be relayed from Parliament House. During the evening a description of the function and the music will be given. The musical programme has been arranged by 4QG, and will include—Soloist, "The Arcadians" (Monckton), the 4QG Studio Orchestra (conductor, Mr. A. E. Featherston); "The Trumpeter" (J. Airlie Dix), Mr. J. E. England; violin solo, "Valse de Concerto" (Musul), Mr. H. Scott MacCallum; contralto solo, "The Old Song" (McNichol), Miss Dorothy Brown; voice, "Golden Showers" (Hall), the 4QG Studio Orchestra; tenor solo, "I'll Sing Thee Songs of Araby" (Gray), Mr. W. Orlan; comedy sketch, "Tangled Fates" (Scheele), the 4QG Studio Orchestra; soprano solo, "Farewell Song" (from "Maid of the Mountains"), Miss Jill Manners; selection, "Sally" (Kerr), the 4QG Studio Orchestra; chitara, bass solo, "The Windmill" (Nelson), Mr. J. E. England; violin solo, "Schon Brauer" (Kreisler), Mr. H. Scott MacCallum; contralto solo, "My Ship" (Barracl), Miss Dorothy Brown; selection, "Sunny" (Kerr), the 4QG Studio Orchestra; soprano solo, "Carmen" (Lane Wilson), Miss Jill Manners; tenor solo, "The Fishermen of England" (Phillips), Mr. W. Orlan; music, "Song of Seltana" (McNichol), the 4QG Studio Orchestra.  
FROM THE STUDIO—  
10 p.m.—"The Daily Mail" news; weather news. Close down.

### 5CL, ADELAIDE.

Tuesday.

- MORNING SESSION.  
12 noon—Chimes.  
12.15 p.m.—Studio music.  
12.15 p.m.—"Advertiser" news service and national report.  
12.45 p.m.—Studio music.  
1 p.m.—"Advertiser" news service.  
1.15 p.m.—Studio music.  
2 p.m.—Chimes. Stock Exchange Intelligence. Official weather bulletin. Close down.  
AFTERNOON SESSION.  
3 p.m.—Chimes.  
3.1 p.m.—Relay from the Maple Leaf Cafe—Orchestral Selections.  
3.45 p.m.—Studio Music.  
4 p.m.—Chimes.  
4.1 p.m.—Relay from the Arcadia Cafe—Orchestral Selections.

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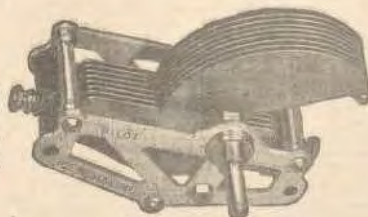
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4.5 p.m.—Station announcements.

5 p.m.—Chimes and close down.

## EVENING SESSION.

6 p.m.—Chimes.

6.1 p.m.—Dinner music relayed from the Covent Garden Cafe.

6.4 p.m.—Children's Entertainment.

7.30 p.m.—Market reports. Stock Exchange. Retail Grocers' reports. Automobile Association report.

7.45 p.m.—"DOMIS" will speak on "The Home Beautiful".

8 p.m.—Chimes.

8.1 p.m.—Relay from the Way Hall. Horden's Silver Band, assisted by Grace Cussion (Soprano), Beryl Couther (Contralto), Howard Baines (Tenor), Arthur Barlow (Bass), Jean Finlay (Pianist), Fred Gibbons (Cellist).

8.1 p.m.—Official weather information and Dalgety's Wheat report.

8.9 p.m.—Relay from the Way Hall.

10 p.m.—"Advertiser" news service. Shipping movements.

10.15 p.m.—Relay from Ginealy. Dance Music. Walter Barrett's Famous Maize Orchestra.

11 p.m.—Station announcements. Weather Bulletin. National Anthem.

## 6WF, PERTH.

## Tuesday.

12.40 p.m.—Tune in.

12.45 p.m.—First local news bulletin. Market reports.

Cables.

1 p.m.—Time signal from Perth Observatory.

1.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.

1.2 p.m.—Studio Instrumental Trio.

1.30 p.m.—Close down.

3.30 p.m.—Tune in.

3.45 p.m.—Musical programme, including pianoforte selections by Miss Evelyn Willis, A.R.C.M.

4 p.m.—Studio Instrumental Trio.

4.30 p.m.—Close down.

6.45 p.m.—Tune in.

6.50 p.m.—Stories for Tiny Tots by Auntie Marjorie.

7.5 p.m.—Uncle Leslie will talk to the boys.

7.20 p.m.—Stock and Share Intelligence. Market reports.

Cables. News by courtesy of "The West Australian" Newspaper Co.

7.45 p.m.—Talk.

9 p.m.—Time signal from Perth Observatory.

9.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.

8.15 p.m.—Band Night.

Concert by the Perth City Band. Conductor, Mr. W. A. Halvorsen.

10 p.m.—Late news items by courtesy of "The Daily News" Newspaper Co.

Ships within range announcement. Weather report and forecast.

10.30 p.m.—Close down.

100 Metres transmission. Simultaneous broadcast on 100 metres of musical programme given on 1250 metres.

Wednes., July 6  
2FC, SYDNEY

## EARLY MORNING SESSION.

Announcer, MR. LAURENCE HALBERT.

7.5 a.m.—"Big Ben" and announcements.

7.55 a.m.—Studio music.

7.15 a.m.—Country Session: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services.

7.25 a.m.—Investment market, mining share market, metal quotations.

7.35 a.m.—Wool sales and breadstuffs markets. Inter-Stock markets, produce markets.

7.45 a.m.—"Sydney Morning Herald" summary.

8 a.m.—"Big Ben." Close down.

## MORNING SESSION.

Announcer, MR. LAURENCE HALBERT.

10 a.m.—"Big Ben" and announcements.

10.5 p.m.—Studio music.

10.15 a.m.—"Sydney Morning Herald" news service.

10.30 a.m.—Studio music.

10.35 a.m.—A reading.

10.45 a.m.—Studio music.

11 a.m.—"Big Ben." Marching music for school children.

11.5 a.m.—A.P.A. and Reuters' cable services.

11.10 a.m.—Studio music.

11.15 a.m.—Talk on home cooking and recipes by Miss Ruth Ford.

11.30 a.m.—Close down.

## MIDDAY SESSION.

Announcer, MR. LAURENCE HALBERT.

Accompanist, MR. EWART CHAPPELLE.

12 noon—"Big Ben" and announcements.

12.2 p.m.—Stock Exchange, first call.

12.3 p.m.—Official weather forecast, rainfall.

12.5 p.m.—Studio music.

12.10 p.m.—Summary of "Sydney Morning Herald" news service.

12.22 p.m.—"Big Ben" wireless news.

12.25 p.m.—Studio music.

12.30 p.m.—Marching music for school children.

12.35 p.m.—IRIS MYERS contralto: "Roses" (Weatherly).

12.45 p.m.—Studio music.

12.55 p.m.—Miss Joyce Frew, Violinist: "Souvenir" (Della).

1 p.m.—"Big Ben." Weather intelligence.

1.5 p.m.—"Evening News" midday news service. Producers Distributing Society's report.

1.30 p.m.—Studio music.

1.35 p.m.—Stock Exchange, second call.

1.38 p.m.—Marching music for school children.

1.40 p.m.—IRIS MYERS, contralto, "O'Vale" (A. Arch).

1.45 p.m.—Studio music.

1.55 p.m.—Miss Joyce Frew, violinist: "Rosemaid" (Schubert).

2 p.m.—Close down.

## AFTERNOON SESSION.

Announcer, MR. LAURENCE HALBERT.

Accompanist, MR. EWART CHAPPELLE.

3 p.m.—"Big Ben" and announcements.

3.5 p.m.—A recital of Australian records made by the following Australian artists:—

AMY CASTLES, soprano.

—THE BIG FOUR.

MISCHA DOBRINSKI, violinist.

DAVID CRAVEN, baritone.

GVALE, pianist.

GLADYS VERONA, soprano.

7.30 p.m.—Marching music for school children.

8.40 p.m.—PEGGY DUNBAR, contralto (from Farmer's Tea Rooms): "Lament of Isidore."

8.45 p.m.—"Four by the clock" (Malinson).

3.45 p.m.—JOYCE FREW, viola solo: "Audante Concerto Op. 84" (Mendelssohn).

3.50 p.m.—FATH MALIABY, mezzo: "Lament of Isidore" (Bantock).

3.55 p.m.—Studio music.

4 p.m.—ANNE MILLS, soprano (from Farmer's Tea Rooms): "O Ship of my Delight" (Phillips).

4.5 p.m.—JOYCE FREW, piano solo: "Finnale from Sonata" Op. 64 (Beethoven).

4.9 p.m.—Studio music.

4.15 p.m.—ALISON DALE, soprano.

4.20 p.m.—PEGGY DUNBAR, contralto (from Farmer's Tea Rooms): "The Pipes of Pan are Calling" (Mancini).

4.25 p.m.—Studio music.

4.30 p.m.—ANNE MILLS, soprano: (from Farmer's Tea Rooms): "The Pipes of Pan are Calling" (Mancini).

4.35 p.m.—Studio music.

4.40 p.m.—"The China of SFC."

4.50 p.m.—"The Hello Man" talks to the children.

7.30 p.m.—Story time for the young folk.

8.40 p.m.—Dinner music.

7 p.m.—"Big Ben." Late sporting news.

7.10 p.m.—Dalgety's Market Reports (Wool, wheat and stock).

7.15 p.m.—Fruit and vegetable markets.

7.20 p.m.—Weather and shipping intelligence.

7.35 p.m.—"Evening News" late news service.

## NIGHT SESSION.

7.45 p.m.—Programme announcements.

8 p.m.—Studio music.

8 p.m.—THE LYCEUM THEATRE ORCHESTRA, Phil Street, Sydney.

8.15 p.m.—NIGHTLY RACES COMPETITION.

8.15 p.m.—"Behind the Scenes." A talk by Mr. E. E. Kay.

8.30 p.m.—HAAGEN HOLENBERG, pianist: "Moonlight Sonata"; (a) "Arago Sonatina"; (b) "Allegretto" (Beethoven); (c) "Pezzo gitano" (Beethoven).

8.44 p.m.—MADAME EMILY MARKS, soprano: "Coquette" (Heard).

8.45 p.m.—CHARLES BENTON, comedian: (a) "They can't charge us for that" (Allyn); (b) "Mamma's Love Young" (Weston and Lee).

8.57 p.m.—THE LYCEUM THEATRE ORCHESTRA.

8.57 p.m.—MADAME EMILY MARKS, soprano: "Lilacs" (Rachmannoff).

9.11 p.m.—SCOTT ALEXANDER presents an original Radio Comedy, entitled "WAS MISS KNOWALL DIDNT KNOW."

specially written for broadcasting by Cottingham Hall.

9.20 p.m.—ANDREW HIGGINSON AND ENID LAVIN, entertainers.

9.25 p.m.—HAAGEN HOLENBERG, pianist: "Scherzo in B Flat Minor" (Chopin).

9.45 p.m.—CHARLES BENTON, comedian: (a) "At the Fancy Dress Ball last Night" (Damerell); (b) "C.R.'s Topical News Bulletin"; (c) "MADAME EMILY MARKS, soprano: (d) "Silent Noon" (Williams); (e) "Nightfall at Sea" (Phillips).

10.4 p.m.—THE LYCEUM THEATRE ORCHESTRA.

10.15 p.m.—ANDREW HIGGINSON AND ENID LAVIN, entertainers.

10.25 p.m.—THE LYCEUM THEATRE ORCHESTRA.

10.35 p.m.—ANDREW HIGGINSON AND ENID LAVIN, entertainers.

10.44 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA. Conductor, Mr. Frederick Leighton.

10.57 p.m.—Late news and announcements.

11 p.m.—"Big Ben."

THE WENTWORTH SYMPHONIC DANCE ORCHESTRA.

11.10 p.m.—National Anthem.

Close down.

## 2BL, SYDNEY.

## Wednesday.

## EARLY MORNING SESSION.

7.30 a.m.—G.P.O. Clock and Chimes; Metropolitan Weather Forecast.

7.40 a.m.—State Weather Report.

7.45 a.m.—News Service.

7.55 a.m.—Fruit Market Report.

7.58 a.m.—Vegetable Market Report.

7.59 a.m.—A.M.I. and P. Co.'s Stock Market Report.

7.24 a.m.—Daily Farm Produce Market Report.

7.30 a.m.—Poultry Market Report.

7.39 a.m.—G.P.O. Clock and Chimes; Musical Programme from the Studio.

7.37 a.m.—News Service.

7.44 a.m.—"Box" as told by Wireless.

7.44 a.m.—Mail Information, Shipping Arrivals and Departures, and Post Directory.

7.48 a.m.—G.P.O. Service.

8.30 a.m.—G.P.O. Clock and Chimes. Close down.

Ask any Radio Engineer about Burgess.

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An instrument of extreme delicacy, reproducing and amplifying music, song and speech with fidelity that is most impossible to believe; possessing qualities uniquely its own, and a presence resplendent with good taste and craftsmanship—

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# GECOPHONE



*"The night shall be filled with music  
And the cares that infect the day  
Shall fold their tents like the Arabs  
And as silently steal away"*



## A Great Film

I mentioned to my neighbor yesterday that Burgess Batteries were used in "For the Term of His Natural Life." He looked surprised and asked me if a Burgess would really last as long as that!

With deep pity I explained that I was referring to the magnificent Australian film founded on Marcus Clarke's famous novel of early convict days. Whereupon he made matters worse by remarking glumly:

"These Burgess Batteries are like a small boy at a street fight or a fire. They push their way into everything. Nothing big ever happens anywhere in the world that you don't find a blooming Burgess Battery in the middle of it."

How did an extremely modern and up-to-the-minute radio battery get into a film picture describing convicts? Here is the yarn:

One of the biggest scenes in "For the Term of His Natural Life" is the great riot outside the old gaol in which 500 prisoners, warders and redcoats fight furiously over a square mile. The task of directing such a scene was too much, even for Norman Dawn, the producer. Once again the good old Burgess Battery saved the day!

Microphone, Burgess Batteries and Loud Speakers, —the latter strung up on gum trees around the vast arena,—enabled Mr. Dawn to dominate and direct every phase of an historic scene. The uncanny effect of the producer's voice roaring forth from every quarter was one of the strangest features in the wild riot.

The Burgess radio batteries supplied the power which sent out Mr. Dawn's mild tones in a crescendo of sound. Residents on the banks of the Parramatta, where this spectacular scene was filmed, must have rubbed their eyes in sheer amazement at the square mile of hate with its resounding ring of voices!

What a pity Marcus Clarke could not step out of the shades of the past, in which wireless was unknown and the only Loud Speakers were uniforms and carried rifles!

### MORNING SESSION.

- 11.0 a.m.—G.P.O. Clock and Chimes; Musical Programme from Studio.  
11.15 a.m.—Talk on "Hockey," by Miss Gwen Varley. Broadcaster: Women's Sports Authority; Special Notes; Replies to correspondents by Mrs. Jordan. Talk by a member of the Dental Board on "Dental Hygiene."

### AFTERNOON SESSION.

- 12 noon.—G.P.O. Clock and Chimes; Special Ocean Forecast and Weather Report.  
12.3 p.m.—Musical Programme from the Studio.  
12.15 p.m.—Information; Mails; Shipping and Port Directory.  
12.18 p.m.—Boats in Call by Wireless.  
12.24 p.m.—Fruit Market Report.  
12.27 p.m.—Vegetable Market Report.  
12.34 p.m.—London Metal Market Report.  
12.35 p.m.—Dairy and Farm Produce Market Report.  
12.40 p.m.—G.P.O. Clock and Chimes; Foreign Market Report.  
12.52 p.m.—Fish Market Report.  
12.54 p.m.—Rabbit Market Report.  
12.59 p.m.—News from the "Sun."  
1.05 p.m.—Hilliers' Instrumental Quartet. Direction, Caryl Castella.

- 1.30 p.m.—G.P.O. Clock and Chimes; Talk on Children and Social Entertainment for Children in Hospital.  
2.0 p.m.—G.P.O. Clock and Chimes.  
Racing Information Broadcast immediately after each Race by courtesy of the "Sun" Musical Programme from the Studio.

- 2.16 p.m.—Racing Resumé.  
2.16 p.m.—News from the "Sun."  
2.25 p.m.—Operatic Talk by Mr. Billy Dick.  
2.9 p.m.—G.P.O. Clock and Chimes. News from the "Sun."  
2.16 p.m.—Musical Programme from the Studio.  
2.30 p.m.—G.P.O. Clock and Chimes. Talk on "How to Maintain Your Health" by Dr. Du Maurier.

- 3.50 p.m.—News from the "Sun."  
4.0 p.m.—G.P.O. Clock and Chimes. Musical Programme from the Studio.  
4.15 p.m.—Serial Story entitled "The Stronger Hand."  
4.35 p.m.—Musical Programme from the Studio.  
4.45 p.m.—News from the "Sun."  
4.50 p.m.—Racing Resumé.  
4.52 p.m.—Resume of Night's Programme.  
4.54 p.m.—Announcements and What's On?  
4.58 p.m.—Special Ocean Forecast.  
5.0 p.m.—G.P.O. Clock and Chimes; Close Down.

### FAMILY EVENING SESSION.

- 5.15 p.m.—G.P.O. Clock and Chimes; Uncle Sam and the Kiddies.  
6.40 p.m.—Musical Programme from the Studio.

### SPECIAL COUNTRY SESSION.

- 7.0 p.m.—G.P.O. Clock and Chimes; Australian Mercantile Land and Finance Co.'s Report; Weather Report and Forecast by courtesy of Government Meteorologists; Produce Distributors' Society's Fruit and Vegetable Market Report; Stock Exchange Report; Grain and Fodder Report ("Sun"); Dairy Produce Report ("Sun").  
7.15 p.m.—Country News from the "Sun."  
7.30 p.m.—Talk by a member of the St. John Ambulance Brigade.

- 8 p.m.—G.P.O. clock and chimes.  
Broadcasters' Topical Chorus.  
8.3 p.m.—Dental broadcast from the Straube Piano Salon.  
8.53 p.m.—Canterbury District Band, under Bandmaster Stan. Nichols, broadcast from Baker's Hall, Campbell.  
8.55 p.m.—Miss Hinnema Llewellyn, entertainer.

- 9 p.m.—G.P.O. clock and chimes.  
Resume of following day's programme.  
Weather report and forecast by courtesy of Mr. C. J. Marrs, Government Meteorologist.  
9.6 p.m.—Mr. Frank Ryan, entertainer.  
9.13 p.m.—Mr. Fred Lester, baritone.  
9.20 p.m.—Broadcasters' all-sports expert will talk on Boxing.  
9.25 p.m.—Canterbury Band.  
9.55 p.m.—Mr. Frank Ryan.  
10.2 p.m.—Miss Hinnema Llewellyn.  
10.9 p.m.—Mr. Fred Lester.

- 10.16 p.m.—Gen. Morrison and his Gloomchasers broadcast from the ballroom of the Royal Casino. During intervals between dances news reports by courtesy of the "Sun" Newspapers.  
11 p.m.—G.P.O. clock and chimes; National Anthem.

## 2GB, SYDNEY

### Wednesday.

- 9 a.m.—Music.  
9.5 a.m.—"Cheerful" Talk.  
9.15 a.m.—Music.  
9.25 a.m.—Psychological Class.  
9.40 a.m.—Music.  
9.45 a.m.—Health and Diet.  
10 a.m.—Close down.

### AFTERNOON SESSION.

- 3.30 p.m.—Music.  
3.47 p.m.—Talk.  
3.52 p.m.—Music.  
4.0 p.m.—Mrs. Crowther.  
4.25 p.m.—Music.  
4.30 p.m.—Close down.

### EVENING SESSION.

- 6.30 p.m.—Children's Session.  
7 p.m.—Music.  
7.6 p.m.—Talk.  
7.15 p.m.—Music.  
7.20 p.m.—Talk.  
7.30 p.m.—Music.  
7.40 p.m.—Address.  
7.50 p.m.—Songs by MISS ELSIE BROWN:  
1. "A Duetto" (Carey).  
2. "The Bride's Song" (Woodford-Pincher).  
3.5 p.m.—Address.  
8.20 p.m.—Duets for two violins by Playel; DAN SCULLY, MONICA BORDER.  
8.29 p.m.—CLEMENT HOSKING QUARTET; ELSIE BROWN, EVA CROFT, FREDERICK TURRELL, CLEMENT HOSKING.

1. "See Our Ours with Feathered Spray."  
2. "Sweet and Low."  
3. "Good-night, Beloved."  
8.40 p.m.—Violin Solo by MONICA BORDER 1. "Hills" (Howells).  
2. "Cherry Rip" (Cyril Scott).  
8.48 p.m.—CLEMENT HOSKING:  
1. "If I Might Come to You" (Squires).  
2. "Invictus" (Hahn).  
8.56 p.m.—Announcements.  
9 p.m.—Recitationary item: Mr. Walter Hunt.  
9.15 p.m.—Songs by EVA CROFT:  
1. "Yonder" (Oliver).  
2. "The Crown of the Year" (Martini).  
9.23 p.m.—Duets for two violins, with piano accompaniment:

- DAN SCULLY, MONICA BORDER, ADA BROOK.  
9.35 p.m.—CLEMENT HOSKING QUARTET; ELSIE BROWN, EVA CROFT, FREDERICK TURRELL, CLEMENT HOSKING.  
1. "The Shades of Night Around Us Steal."  
2. "Twilight."  
3. "Men of Harlech."  
9.45 p.m.—Songs by FREDERICK TURRELL:  
1. "O Men of My Delight" (Lehmann).  
2. "O Fair and Sweet and Holy" (Rubinstein).  
9.53 p.m.—"Cherico" Talk.  
10 p.m.—Close down.

## 3LO, MELBOURNE.

### Wednesday.

- MIDDAY SESSION.  
12 noon.—Time signal, British Official Wireless news from Rugby. Reuters' and The Australian Press-Associating Cables. Metal Prices received by the Australian Mines and Metals Association, from the London Stock Exchange this day. "Argus" news service.  
12.30 p.m.—JOE ARONSON AND HIS SYMPHONIZING SYMPHONISTS:  
1. "O Men of My Delight" (Lehmann).  
2. "My Mammy's in Town" (Hinky).  
3. "My Cat's Due at Two to Two, To-Day" (Robin).

- 12.16 p.m.—THE BABY TRIO:  
"Here's to Love and Luck" (Hobson).  
Yvonne, MILEN MCGIBBY.  
"De Beria's Concerto."  
"Princess Betty's Lullaby" (Blomham).  
Piano Solo, MYRTLE SKEWES:  
"Waltz" (Chopin).
- 12.18 p.m.—JOE ARONSON AND HIS SYN-  
OPATING SYMPHONISTS:  
"Here's to Love You" (Gronabauer).  
"There's a Boatman on the Volga."  
(Bauer).  
"Love Boat" (Rupp).
- 12.20 p.m.—MADAME LAMBERT, (Soprano):  
"Security" (Clareck).
- 12.22 p.m.—MADAME LAMBERT, (Soprano):  
"Serenade Francaise" (Lencorevallo).
- 12.24 p.m.—JOE ARONSON AND HIS SYN-  
OPATING SYMPHONISTS:  
"Oh, Miss Hannah" (Dempsey).  
"The Far Away Bell" (Gronson).  
"Orchestral Minuet" (Seaman).
- 12.26 p.m.—Meteorological information, Shipping  
intelligence, Weather Forecast for  
Australia, Tasmania, South Australia and  
New South Wales, Ocean Forecast, River  
reports.
- 12.28 p.m.—CARLTON CHASE:  
"Shed in Arkham."  
"Can, But It's Great to Meet a Pal."
- 12.30 p.m.—JOE ARONSON AND HIS SYN-  
OPATING SYMPHONISTS:  
"I Didn't Know Your Husband and You  
Didn't Know My Wife."  
"Oh, Marie" (Di Capua).
- 12.32 p.m.—"No, You! Ho, Ho! Ha, Ha!" (Woods).
- 12.34 p.m.—Description of Kellor Handicap, 3  
miles, V.R.C. FLEMINGTON, by "Musket."  
of the "Sporting Globe."
- 12.36 p.m.—BABY NORTH, Concertina:  
"Budd Airs and Lively."
- 12.38 p.m.—JOE ARONSON AND HIS SYN-  
OPATING SYMPHONISTS:  
"The Man in Your Arson Brings" (Blas).  
"Dug on the Piano" (Piano Solo) (Shapiro).
- 12.40 p.m.—ARTH BISHOP, Elocutionist:  
"The Alien" (Dr. Brown).  
"If We Only Could."
- 12.42 p.m.—JOE ARONSON AND HIS SYN-  
OPATING SYMPHONISTS:  
"It's the Last Word" (Rahs).  
"Lassons and Berry" (Davis).
- 12.44 p.m.—Close down.
- 12.46 p.m.—Description of Two-Year-Old Mile,  
V.R.C. Handicap, FLEMINGTON, by "Musket."  
of the "Sporting Globe."
- 12.48 p.m.—Close down.
- 12.50 p.m.—Description of Tidal Steeple, 2  
miles 1 furlong, V.R.C. FLEMINGTON, by  
"Musket," of the "Sporting Globe."
- 12.52 p.m.—Close down.

## AFTERNOON SESSION.

- 2 p.m.—STUDIO ORCHESTRA:  
"Tarente" (Overture) (Bosquij).
- 2.10 p.m.—MARION LIGHTFOOT, soprano:  
"Love's Merchant."
- 2.12 p.m.—C. RICHARD CHUGG, Solo:  
"Dumka" (Biederker).
- 2.14 p.m.—Description of Steeplechaser's First  
Race, 2 miles, V.R.C. FLEMINGTON, by  
"Musket," of the "Sporting Globe."
- 2.16 p.m.—STUDIO ORCHESTRA:  
Solo, "Hawatha"—Part I. (Coleridge  
Taylor).
- 2.18 p.m.—THE BABY TRIO:  
"Meadow Lark" (Florida).  
Piano Solo, MYRTLE SKEWES:  
"Valse Parisienne" (Lec. Robert).
- 2.20 p.m.—MARION LIGHTFOOT, Soprano:  
"Piano Chantastique."  
Solo, "Angus McInnis."
- 2.22 p.m.—Description of Braybrook Handicap,  
3 1/2 miles, V.R.C. FLEMINGTON, by "Musket."  
of the "Sporting Globe."
- 2.24 p.m.—STUDIO ORCHESTRA:  
Solo, "Hawatha"—Part II. (Coleridge  
Taylor).
- 2.26 p.m.—ISABEL RIDDEL, Contralto:  
"The Swan, My Love" (Barnish MacCorm).  
"I Know Me Love" (Arranged by Hughes).
- 2.28 p.m.—YASMA TIERNAN, Solo:  
"Serenade" (Frank Bridge).
- 2.30 p.m.—STUDIO ORCHESTRA:  
Inferno—"Pilotswagon" (Kicanti).
- 2.32 p.m.—Description of Goulburn Welter, 7  
Furlongs, V.R.C. FLEMINGTON, by "Musket."  
of the "Sporting Globe."

## SHELF LIFE

The most attractive of the many Ever-Ready features is the freshness of these sturdy, full-energy radio batteries. Unlike imported batteries, which lose power while in transit, Ever-Ready Radio Batteries are Sydney-made, and the wonderful demand for them throughout the Commonwealth ensures that they are sold soon after manufacture.

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Large size, type XP, 42 volt	21/-
Extra large size, type	
Super Service, 42 volt	28/8

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Columbia Heavy Duty 45 volt "B" Batteries will outlast any light-duty 45 volt "B" Battery twice to one, regardless of the number and kind of tubes used! Moreover—though lasting twice as long, they cost only one-third more.

This is true economy. You can make no mistake in buying either the Columbia No. 4470 Heavy Duty 45 volt "B" or the even longer lived Columbia Layer-bilt No. 4486. Insist upon one or the other and you will not only save money but receive far better reception and greater distance as well.

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Radio Batteries  
—they last longer

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ELLIS & Co. (Aust.) Ltd.  
204-6 Clarence St. Sydney N.S.W.

4.35 p.m.—ISABEL RIDDEL, contralto:  
"My Ships" (Barnet).  
"A Brown Eled Singing" (Hady Wood).  
4.42 p.m.—AGNES FORTUNE, Piano:  
"Sage and Fanciful Dance" (Olson).  
4.53 p.m.—"Herald" news service. Stock Exchange information.  
5 p.m.—Close down.

**EVENING SESSION.**

5.30 p.m.—Answers to Letters and Birthday Greetings by "MARY, MARY."  
"Nursery Rhymes" (Tobani).  
6.8 p.m.—STUDIO ORCHESTRA:  
6.7 p.m.—VERONICA COX:  
"Japanese Lullaby" (Belkin).  
"Fairy Song" (Boughton).  
6.15 p.m.—CAPT. DONALD McLEAN:  
"Captain England".  
6.30 p.m.—Official Report of Newmarket Stock Sales; Bullocks and Calves, by Live Stock Agents' Association, Oxford Chambers, Bourke Street, Melbourne.  
6.35 p.m.—"Herald" News Service; Weather and Aerial Mail Information by the Australian Aerial Services Ltd.  
6.47 p.m.—Stock Exchange Information; Overseas Shipping.  
6.52 p.m.—Fish Market Reports, by J. L. Borrett, Ltd., Rabbit Prices.  
6.55 p.m.—Market Reports by the Victorian Producers' Co-operative Co., Ltd.; Newmarket Sheep Sales; Poultry, Grain, Straw, Hay, Jute, Oats, Dairy Produce, Potatoes and Onions.  
7.4 p.m.—Fruit Market Reports by the Wholesale Fruitlers' Association, omitted by "The Fruit World," exclusive to M.O.

**NIGHT SESSION.**

7.15 p.m.—Under the auspices of the Department of Agriculture, MR. R. CROWE, Export Superintendent, will speak on:—  
"Marketing Methods."  
7.30 p.m.—MR. CHARLES NUTTALL:  
"Are You Married?"  
7.45 p.m.—CAPTAIN PETERS:  
"Boots, Wine and Otherwise."  
8.0 p.m.—THE D'ARCY TRIO:  
"A Heart Throb in a Fur" (Robyn).  
Piano Solo, Myrtle Skewes:  
"September" (Tschalkowsky).  
Song, "I Think" (D'Arzelot).  
8.15 p.m.—MASS IN B MINOR (Bach), by the VICTORIAN POSTAL INSTITUTE CHOIR, with FULL ORCHESTRA. Conductor, GEORGE ENGLISH.

**SOLOISTS:**

Soprano ..... NELLIE GIBBS  
Contralto ..... VICTORIA ANDERSON  
Tenor ..... NORMAN BRADSHAW  
Bass ..... VICTOR HARDING  
Leader of Orchestra, BERTHA JOHNSON  
Acting Accompanist, AMY BUTTON  
Organist ..... CHARLES FLOCKWELL  
1. "KYRIE"  
"Lead Have Mercy on Us."  
2. "GLORIA"  
3. CREDO  
4. "SANCTUS" and "BENEDICTUS."  
5. "AGNUS DEI"  
"O Lamb of God, Who takest away the sins of the world."

10.30 p.m.—"Argus" News Service; Meteorological Information; British Official Wireless News.

THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TODAY IS FOR CYCLISTS:—

"Always remember your responsibilities. Always see that your brakes are really efficient. Always keep full control of your machine."

10.45 p.m.—JOE ARONSON and HIS SYMPHONIC SYMPHONISTS:  
"Calling Me Home" (Gibber).  
"Hi, Diddle, Diddle" (Coon).  
"Precious" (Whiting).  
"Knappton Night" (Zemponik).

11.0 p.m.—OUR GREAT THOUGHT:  
"Such makes all things difficult, but industry all easy; and he that steth into most first all day, and shall scarce execute his business at night; while business travels so slowly that poverty soon overtakes him."—Franklin.

11.1 p.m.—JOE ARONSON and HIS SYMPHONIC SYMPHONISTS.  
11.40 p.m.—GOD SAVE THE KING.

**4QG, BRISBANE.**

**Wednesday.**

**EARLY MORNING SESSION.**

6.30 a.m.—Physical culture session.  
7 a.m.—Close down.

**MIDDAY SESSION.**

1 p.m.—Market reports; weather information; "The Daily Mail" and "The Daily Standard" news.  
FROM THE G.P.O.—  
1.15 p.m.—Lunch hour music played by the Postal Institute Orchestra.  
FROM THE OBSERVATORY—  
1.56 p.m.—Standard time signal.  
2 p.m.—Close down.

**AFTERNOON SESSION.**

FROM HOTEL CARLTON.  
4.30 p.m.—Afternoon tea music from the lounge, played by Hotel Carlton Symphony Orchestra.  
FROM THE STUDIO—  
4.15 p.m.—"Telegraph" news.  
4.30 p.m.—Close down.

**EARLY EVENING SESSION.**

5 p.m.—"Daily Standard" news; announcements.  
6.30 p.m.—The children's hour—stories by "Little Miss Brisbane."  
7 p.m.—Market reports; stock reports.  
7.30 p.m.—Weather news; announcements.  
7.43 p.m.—Standard time signal.  
7.45 p.m.—Lecture.

**NIGHT SESSION.**

**BLIND STUDENTS' CONCERT.**

To-night's programme will comprise a concert by blind students, relay from the club rooms of the Queensland Musical, Literary and Self-Aid Society for the Blind, Culture Street, South Brisbane.

**FROM THE CLUB ROOM—**

8 p.m.—Pianoforte solo, first movement "Sonata in F-Minor" (Appassionata—Beethoven); Mr. E. Dickinson, A.T.C.L.; song "The Valley of the Lilies" (Santeroni); Miss Audrey Jones; violin, second movement "Sonata in C-Minor" with piano (Beethoven); Mr. H. Dickinson recitation, "The Story of a Faithful Wife" (Miss Gladys Hicks); song, "Like Stars Above" (Squires); Mr. J. Doherty; vocal duet, "When Song is Sweet" (Kane Soule); Miss Audrey Jones and Mr. T. Kelleher; piano solo; (a) "Gold Diggers" (Worley); (b) "Gonatic" (Heath); Miss Marie Wallace); song, "I'm a Fair of Orders Grey" (Reeve); Mr. T. Kelleher; recitation, "One's Mass, Counted the Eggs"; Miss Etta Harvey; song, "Come, for it is June" (Forster); Miss Ivy Berthelsen.

8 p.m.—Metropolitan weather forecast; pianoforte solo, "Impromptu in B-Flat" (Schubert); Miss Audrey Jones, A.T.C.L.; A.L.C.M. recitation, "Truth in Synthesis"; Miss K. M. Kelleher; song, "My Friend" (Behrendt); Mr. T. Kelleher; violin solo, "Nattarelle" (German); Mr. H. Dickinson; song, "Waltz Song" from "Tom Jones" (Gerstahl); Miss Audrey Jones; recitation, "Selected, Mr. Edwin Stuart" (Francis Doull); Mr. J. Doherty; piano solo, "A Frivolous Piece" (Marie Wallace); song, "A Little Twilight Song" (Weatherly); Miss Ivy Berthelsen; recitation, "Selected, Miss Gladys Hicks; vocal duet, "A Perfect Day" (Jacobs Bond); Miss Audrey Jones and Mr. T. Kelleher.  
10 p.m.—"The Daily Mail" news; weather news. Close down.

**5CL, ADELAIDE.**

**Wednesday.**

**MORNING SESSION.**

12 noon—Chimes.  
12.1 p.m.—Studio Music.  
12.15 p.m.—"Advertiser" news service.  
12.45 p.m.—Studio Music.  
1 p.m.—Advertiser News Service.  
1.15 p.m.—Studio music.  
2 p.m.—Chimes. Stock Exchange Intelligence. Official Weather Bulletin. Close down.

**AFTERNOON SESSION.**

3 p.m.—G.P.O. Chimes.  
3.1 p.m.—Relay from the Maple Leaf Cafe—Orchestral Selections.

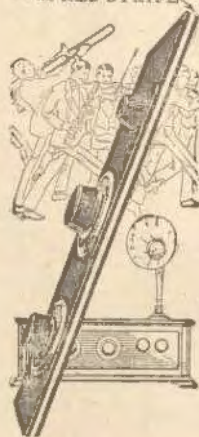


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**DILECTO: The Panel for Better-Built Sets**

2.10 a.m.—Studio Music.  
2.15 a.m.—G.P.O. Chimes.  
2.41 p.m.—Relay from the Abraxas Cafe—  
Squadrallo Buletton.  
2.42 a.m.—Station announcements.  
2.43 a.m.—G.P.O. Chimes and clock down.

### EVENING SESSION.

2.44 a.m.—G.P.O. Chimes.  
2.45 a.m.—Dover Garden Dinner Music.  
2.46 p.m.—Children's Entertainment.  
2.50 p.m.—Market reports, Stock Exchange,  
Intelligence, Retail Grocers' report, Auto-  
mobile Association Bulletin.  
2.52 p.m.—Ray Scout's Report.  
2.53 p.m.—Faulstich's Radio-Talk.  
2.54 p.m.—G.P.O. Chimes.  
2.55 p.m.—From Railway's Institute.  
2.56 p.m.—Give a programme of vocal numbers by  
members of the Railway Glee Club.  
2.57 p.m.—Official weather report, and District's  
Weather report.  
2.58 p.m.—Relay from Railway's Institute.  
2.59 p.m.—Advertiser's news service. Wireless  
closing.  
2.59.30 p.m.—Relay from Gleisels.  
Major Dancer Orchestra.  
3.0 a.m.—Station announcements. Weather  
Bulletin National Anthem.

## 6WF, PERTH.

### Wednesday.

12.30 a.m.—Time in.  
12.35 a.m.—First local news bulletin.  
Market reports.  
Fable.  
1.00 a.m.—Time signal from Perth Observatory.  
1.15 a.m.—Weather notes supplied by the  
Meteorological Bureau of Western Australia.  
1.42 p.m.—Lunch Hour Concert.  
Ensemble arranged by Messrs. Manganov's.  
—L.S. relayed from Loris House, Murray  
Street.  
1.50 p.m.—Studio Quartette.  
2.00 a.m.—Close down.  
2.10 a.m.—Time in.  
2.12 p.m.—Musical programme.  
2.40 p.m.—Studio Instrumental Trio.  
2.50 p.m.—Close down.  
2.55 p.m.—Time in.  
2.59 a.m.—Children's playlets by Uncle Duffy,  
with Aunties Marjorie and Evelyn, and  
Uncles Henry, Leslie, Perry and Duffy.  
3.00 p.m.—Stock and Share Intelligence.  
Market reports.  
Cable News by courtesy of "The West  
Australia" Newspaper Co.  
3.05 p.m.—Talk.  
3.20 a.m.—Time signal from Perth Observatory.  
3.31 p.m.—Weather notes supplied by the  
Meteorological Bureau of Western Australia.  
3.32 p.m.—Variety.  
Items by the Studio String Trio:  
Miss Evelyn Wells, A.R.C.M., piano.  
Mr. E. D. Buchanan, violin.  
Mr. M. T. Newton, violin.  
Items by the Mt. Hawthorn Congregational  
Choir, relayed from Charles Street  
Methodist Church, West Perth.  
3.40 p.m.—Late news items by courtesy of "The  
Daily News" Newspaper Co.  
3.50 a.m.—Give away advertisement.  
Weather report and forecast.  
3.55.30 p.m.—Close down.  
3.59 News Transmission.  
8-milliwatts broadcast on 160 metres of  
Musical programme given on 1250 metres.

## Thursday, July 7 2FC, SYDNEY.

### EARLY MORNING SESSION.

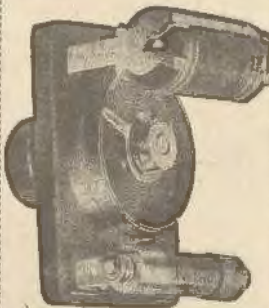
7.00 a.m.—Big News and announcements.  
7.15 a.m.—Studio music.  
7.45 a.m.—COUNTRY SESSION: Official weather  
forecast, rainfall, temperatures, astro-  
nomical announcements, shipping intelligence,  
and services.  
7.52 a.m.—Investment market, mining share  
market, metal quotations.  
7.53 a.m.—Wool sales, commodities markets,  
interest markets, produce markets.

## Two Great Carborundum Radio Products



### CARBORUNDUM RADIO DETECTOR.

Is fixed—permanent—no adjustments, nothing to get out of order, and won't burn out. Brings true, clear crystal tones to any reflex or crystal set, and is guaranteed. Simply connect each end and tune in.



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A small sized flash-light battery is all it needs.

Sole Agents:

*Elisa Tinsley, Pty. Ltd*  
N.S.W.: 484 Kent St., Sydney.  
Vic.: 640-652 Bourke St., Melbourne.

7.45 a.m.—"Sydney Morning Herald" summary.

8 a.m.—"Big Ben." Close down.

#### MORNING SESSION.

10 a.m.—"Big Ben" and announcements.

10.5 a.m.—Studio music.

10.15 a.m.—"Sydney Morning Herald" news service.

10.30 a.m.—Studio music.

10.35 a.m.—A talk by the ZFC Racing Commissioner.

10.45 a.m.—Studio music.

11 a.m.—"Big Ben."

Marching music for school children.

11.10 a.m.—Studio Music.

11.15 a.m.—A Reading.

11.20 a.m.—Close down.

#### MIDDAY SESSION.

12 noon—"Big Ben" and announcements.

12.5 p.m.—Stock Exchange, first call.

12.3 p.m.—Official weather forecast, rainfall.

12.5 p.m.—Studio music.

12.10 p.m.—Summary of "Sydney Morning Herald" news service.

Rugby wireless news.

12.25 p.m.—Studio music.

12.30 p.m.—Marching music for school children.

12.40 p.m.—BERYL MOORE, mezzo.

12.45 p.m.—Studio music.

1 p.m.—"Big Ben."—Weather intelligence.

1.3 p.m.—"Evening News" midday news service.

Producers' Distributing Society's Report.

1.20 p.m.—Studio music.

1.28 p.m.—Stock Exchange, second call.

1.30 p.m.—Marching music for school children.

1.40 p.m.—BERYL MOORE, mezzo.

1.45 p.m.—Studio music.

1.50 p.m.—Last minute racing information by the ZFC Racing Commissioner.

2 p.m.—Close down.

#### AFTERNOON SESSION.

3 p.m.—"Big Ben" and announcements.

3.5 p.m.—Studio music.

3.15 p.m.—A Reading.

3.22 p.m.—CLIFF PEIR, Novelty Pianist:

(a) "Mary Lou" (Lynch).

(b) "It made you Happy" (Donaldson).

3.30 p.m.—Marching music for school children.

3.40 p.m.—KATHERINE BEVERLEY, soprano (from Farmer's Tea Rooms):

"When you come Home" (Squire).

3.45 p.m.—A Reading.

4 p.m.—JEANETTE ROONEY, contralto (from Farmer's Tea Rooms):

"Dressing of Home" (Besley).

4.5 p.m.—CLIFF PEIR, novelty pianist:

"Little Spanish Town" (Wayne).

4.9 p.m.—ANNIE PAYNE, mezzo:

(a) "The Yellow Daisy" (Macdowell).

(b) "The Bluebell" (Macdowell).

4.13 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA. Conductor, Mr. Frederick Leighton.

4.23 p.m.—KATHERINE BEVERLEY, soprano (from Farmer's Tea Rooms):

"The Merry Bells" (del Rioyo).

4.25 p.m.—CLIFF PEIR, novelty pianist.

"Let's the Last Word" (Donaldson).

4.30 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA. Conductor, Mr. Frederick Leighton.

4.40 p.m.—JEANETTE ROONEY, contralto (from Farmer's Tea Rooms):

"Summer Moon" (Clarke).

4.45 p.m.—Stock Exchange, third call.

4.48 p.m.—Studio music.

4.50 p.m.—ANNIE PAYNE, mezzo:

"Heart's Desire" (Frazer-Simson).

5 p.m.—"Big Ben." Close down.

#### EARLY EVENING SESSION.

5.45 p.m.—The Chimes of ZFC.

5.50 p.m.—The "Hello Man" talks to the children.

6.30 p.m.—Story time for the young folk.

6.40 p.m.—Dinner music.

7 p.m.—"Big Ben." Late sporting news.

7.10 p.m.—Daily's market reports (wool, children and stock).

7.15 p.m.—Fruit and vegetable markets.

7.20 p.m.—Weather and shipping intelligence.

7.25 p.m.—Late "Evening News" news service.

#### NIGHT SESSION.

7.25 p.m.—Programme announcements.

7.30 p.m.—A talk by the Technical Editor of "Wireless Weekly."

8 p.m.—THE BONDI BEACH CONCERT BAND, conducted by Mr. C. Bignell:

(a) March, "Palmer House" (Pettus).

(b) Selection, "Song Echoes" (arr. Rimmer).

8.15 p.m.—MARGARET JAMES, soprano.

8.20 p.m.—MISCHA DOBRINSKI, violinist.

8.25 p.m.—THE BONDI BEACH CONCERT BAND, conducted by Mr. C. Bignell:

(a) Overture, "Don Giovanni" (Mozart).

(b) Spanish Waltz, "Alasara" (Reeder).

8.45 p.m.—MARGARET JAMES, soprano.

8.50 p.m.—THE ENGLISH FUTURISTS: a Company of Entertainers direct from a London session.

The Company includes: IRA VANDA, GUS DAWSON, G. W. DESMOND, CYRIL NORTHCOTE.

and will present a

RADIO REVUETTE.

9.10 p.m.—EILEEN HOYD, contralto.

9.15 p.m.—THE BONDI BEACH CONCERT BAND, conducted by Mr. C. Bignell:

(a) Marche, "The Turkish Patrol" (Micheletti).

(b) Solo, "Simple Aveu" (Thoms).

9.25 p.m.—MARGARET JAMES, soprano.

9.30 p.m.—MISCHA DOBRINSKI, violinist.

9.38 p.m.—THE BONDI BEACH CONCERT BAND, conducted by Mr. C. Bignell:

(a) Fantasia, "Darkies' Dreamland" (Big-koo).

(b) March, "Havenwood" (Rimmer).

9.55 p.m.—EILEEN HOYD, contralto.

10 p.m.—"Big Ben."

THE ENGLISH FUTURISTS—direct from a London Session—including IRA VANDA, GUS DAWSON, G. W. DESMOND, CYRIL NORTHCOTE, will present

"STRAY STATICS."

10.20 p.m.—MISCHA DOBRINSKI, violinist.

10.25 p.m.—MARGARET JAMES, soprano.

10.50 p.m.—DANCE MUSIC.

10.55 p.m.—Late news and announcements.

11 p.m.—"Big Ben."

DANCE MUSIC until 11.15.

11.15 p.m.—NATIONAL ANTHEM.

Close down.

## 2BL, SYDNEY

### Thursday.

#### EARLY MORNING SESSION.

7 a.m.—G.P.O. Clock and Chimes.

Metropolitan Weather Forecast.

7.2 a.m.—State weather report.

7.4 a.m.—News service.

7.10 a.m.—Fruit Market Report.

7.18 a.m.—Vegetable Market Report.

7.20 a.m.—A.M.L. and F. Co's Report.

7.22 a.m.—Dairy Farm Produce Market Report.

7.28 a.m.—Poultry Market Report.

7.30 a.m.—G.P.O. Clock and Chimes.

Musical programme from the Studio.

7.37 a.m.—News Service.

7.42 a.m.—Boats in call by wireless.

7.44 a.m.—Mail information, shipping arrivals and departures, and Port directory.

7.45 a.m.—News Service.

7.50 a.m.—G.P.O. Clock and Chimes.

Close down.

#### MORNING SESSION.

10.30 a.m.—G.P.O. Clock and Chimes.

Musical programme from the Studio.

10.40 a.m.—News from the "Daily Telegraph."

10.50 a.m.—Musical programme from Studio.

11 a.m.—G.P.O. Clock and Chimes.

Announcements.

11.5 a.m.—Musical programme from the Studio.

11.15 a.m.—Social Notes. Replies to correspondents by Mrs. Jordan.

Talk on "Decorating Room by Room" by a practical man.

12 noon.—G.P.O. Clock and Chimes.

Special Order Forecast and Weather Report.

12.5 p.m.—Musical programme from the Studio.

12.15 p.m.—Information: Mails, Shipping, and Port Directory.

12.15 p.m.—Boats in call by wireless.  
 12.20 p.m.—Fruit Market Report.  
 12.25 p.m.—Vegetable Market Report.  
 12.30 p.m.—Dairy Farm Produce Market Report.  
 12.35 p.m.—G.P.O. Clock and Chimes.  
 Foreign Market Report.  
 12.40 p.m.—Fish Market Report.  
 12.45 p.m.—Habitat Market Report.  
 12.50 p.m.—News from the "Sun."  
 12.55 p.m.—Hilliers' Instrumental Quartet: direction, Cecil Coaling.  
 1.00 p.m.—G.P.O. Clock and Chimes.  
 Talk to Children and Special Entertainment for Children in Hospital.  
 1.05 p.m.—G.P.O. Clock and Chimes.  
 Close down.

## AFTERNOON SESSION.

RACING INFORMATION BROADCAST IMMEDIATELY AFTER EACH RACE BY COURTESY OF THE "SUN."  
 1.05 p.m.—G.P.O. Clock and Chimes.  
 News from the "Sun."  
 1.15 p.m.—Musical programme from the Studio.  
 1.20 p.m.—G.P.O. Clock and Chimes.  
 News from the "Sun."  
 1.25 p.m.—Musical programme from the Studio.  
 1.30 p.m.—News from the "Sun."  
 1.35 p.m.—G.P.O. Clock and Chimes.  
 Musical programme from the Studio.  
 1.45 p.m.—Feral Story.  
 1.50 p.m.—Musical programme from the Studio.  
 1.55 p.m.—News from the "Sun."  
 2.00 p.m.—Racing Results.  
 2.05 p.m.—Resume of night's programme.  
 2.10 p.m.—Amusement and What's On.  
 2.15 p.m.—Special Ocean Forecast.  
 2.20 p.m.—G.P.O. Clock and Chimes.  
 Close down.

## EARLY EVENING SESSION.

8.45 p.m.—G.P.O. Clock and Chimes.  
 Uncle George and the Kiddies.  
 8.50 p.m.—Musical programme from the Studio.

## SPECIAL COUNTRY SESSION.

7 p.m.—G.P.O. Clock and Chimes.  
 Australian Mercantile, Land and Finance Co.'s Report.  
 Weather Report and Forecast by courtesy of Genl. Meteorologist.  
 Producer's Distributing Society's Fruit and Vegetable Market Report.  
 Stock Exchange Reports.  
 Grain and Fodder Report ("Sun").  
 Dairy Produce Report ("Sun").  
 7.15 p.m.—Country News from the "Sun."  
 7.30 p.m.—Talk on "Why Metric Units are Superior" by Mr. Robert Markham, B.E.

## NIGHT SESSION.

8 p.m.—G.P.O. Clock and Chimes.  
 Broadcasters' Topical Chorus.  
 8.1 p.m.—Broadcasters' Trio.  
 8.15 p.m.—The Chorus Girls under the direction of Mrs. Bennett-White.  
 8.25 p.m.—Resume of following day's programme.  
 Weather Report and Forecast by courtesy of Mr. C. J. Hayes, Genl. Meteorologist.  
 8.30 p.m.—Broadcasters' Trio.  
 8.35 p.m.—The Chorus Girls.  
 10.15 p.m.—Cecy Morrison and Her Gloomsingers broadcast from the Ballroom of the Boreas Casino. During intervals between dance News reports by courtesy of the "Sun," will be broadcast.  
 11 p.m.—G.P.O. Clock and Chimes.  
 National Anthem.

310, MELBOURNE.

Thursday

## MIDDAY SESSION.

## COMMUNITY SINGING.

12 noon.—Time signal. British official wireless news from Rugby. Reuters' and the Australian Press Association Cables. Metal prices received by the Australian Mines and Metals Association from the London Stock Exchange this day. "Argus" news service.

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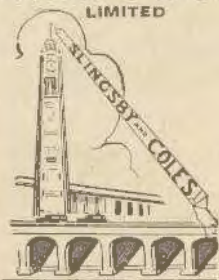
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12.15 p.m.—Under the auspices of the Con-  
cert-goers' and Community Singers' Associa-  
tion, "DOMINION SINGING," transmitted  
from the ASSEMBLY HALL, Collins Street.

1.15 p.m.—Meteorological information. Ship-  
ping intelligence. Weather synopsis for  
Victoria, Tasmania, South Australia and  
New South Wales. Ocean forecast. River  
reports.

2 p.m.—Close down.

## AFTERNOON SESSION.

2 p.m.—STUDIO ORCHESTRA:  
"Ballad Music from Faust."—Part I.  
(Gounod).  
3.16 p.m.—MADAME LAMBERT, soprano:  
"Marian" (Massenet).  
3.17 p.m.—HARRY NORTH, concertina:  
"Dreamy Melodies."  
3.23 p.m.—STUDIO ORCHESTRA:  
"Ballad Music from Faust."—Part II.  
(Gounod).  
3.34 p.m.—CARLTON CHASE, musical mono-  
logue:  
"The Old Bachelor."  
3.40 p.m.—MYRTLE ROBERTSON, violin:  
"Carnegie" (D'Amico).  
3.50 p.m.—KEITH DESMOND:  
"Mick" (Drybrower).  
3.57 p.m.—STUDIO ORCHESTRA:  
"Flower Girl" (Kenny).  
"Scandinavian" (Kenny).  
4.7 p.m.—MADAME LAMBERT, soprano:  
"Il still one (sic) (Stenon Dupre).  
"Mimi" (Leoncavallo).  
4.13 p.m.—MISS FRANCES FRASER:  
"Kipling and England."  
4.40 p.m.—"Herald" news service. Stock Ex-  
change information.  
4.45 p.m.—EVENSONS, transmitted from St.  
Paul's Cathedral.  
5.20 p.m.—Announcements for Flimington Race,  
Saturday, 1st July.  
Close down.

## EVENING SESSION.

5.31 p.m.—Announcements to children's letters and  
birthday greetings.  
5.40 p.m.—CHILDREN'S HALF HOUR.  
6 p.m.—MARY GUMBLER:  
Poems, "The Drosy Frog."  
"The Annie Alphabet."  
Story for the littlest ones.  
6.10 p.m.—STUDIO ORCHESTRA:  
"Childish Memories."  
6.17 p.m.—MARY GUMBLER:  
Story for boys, "John Milton."  
6.30 p.m.—Official cement of NEWMARKET  
STOCK SALES—Low sales. Supplied by  
LIVE STOCK AGENTS' ASSOCIATION,  
Oxford Chambers, Bourke Street, Melbourne.  
6.35 p.m.—"Herald" news service. Weather  
synopsis. Shipping movements.  
6.47 p.m.—Stock Exchange information.  
6.53 p.m.—Fish market reports by J. R. Ber-  
rett, Ltd. Rabbit prices.  
6.58 p.m.—River reports.  
6.58 p.m.—Market reports by the Victoria  
Producers' Co-operative Co., Ltd. Juice, dairy  
produce, potatoes, onions, Newmarket sheep  
sales, poultry, grain, hay and straw.  
7.6 p.m.—Market reports of fruit, by the Victo-  
rian Fruitgrowers' Association, compiled by  
"The Fruit World," exclusive to S.G.O.  
NIGHT SESSION.  
7.15 p.m.—MR. A. W. JACKSON will speak on  
"Golf."  
7.20 p.m.—Under the auspices of the HEALTH  
ASSOCIATION, MR. T. J. RYAN will speak  
on "Dental Hygiene."  
7.45 p.m.—MR. PERCY CRAWFORD, man-  
ager of the Tivoli Theatre, will speak on  
"Vaudeville Today."  
8 p.m.—MR. ROD MCGREGOR, football—"  
System."  
8.15 p.m.—JOE ARONSON AND HIS SYNCO-  
PATING SYMPHONISTS:  
"That Night in Asby" (Sayder).  
"Out of the Dusk to You" (D. Lee).  
"Pearl of Malabar" (Niehols).  
8.25 p.m.—MADAME LAMBERT:  
"Cherchez" (Tosti).  
8.29 p.m.—JOE ARONSON AND HIS SYNCO-  
PATING SYMPHONISTS:  
"For My Sweetheart."  
"Your Heart Looked Into Mine" (Habbel).  
"It's a Wonderful World After All" (Davies).

8.30 p.m.—CARLTON CHASE—  
"Maggie McGee."  
8.40 p.m.—JOE ARONSON AND HIS SYNCO-  
PATING SYMPHONISTS:  
"My Dreams of the Big Parade" (Dobins).  
"Kentucky Lullaby" (Miller).  
"Song of the Wanderer" (Morset).  
8.51 p.m.—KEITH DESMOND, accordionist:  
"I Remember" (Ferry).  
8.57 p.m.—JOE ARONSON:  
Novelty Number.  
9.7 p.m.—MARION LIGHTFOOT:  
"Serenade."  
9.11 p.m.—JOE ARONSON AND HIS SYNCO-  
PATING SYMPHONISTS:  
"My Pal Jerry" (Rose).  
"How Could Red Riding Hood?" (Randolph).  
"Somebody's Lonely" (Davies).  
9.21 p.m.—MADAME LAMBERT:  
"Les amants qui n'ont plus de Nations"  
(Debussy).  
9.25 p.m.—JOE ARONSON AND HIS SYNCO-  
PATING SYMPHONISTS:  
"A Message from Missouri" (Chester).  
"Kiss me on the Kiss" (Conroy).  
"Frenchie" (Greer).  
9.36 p.m.—THE ROYAL AUTOMOBILE CLUB  
OF VICTORIA'S SAFETY MESSAGE FOR  
TODAY IS FOR EVERYBODY: "Always have  
as your motto at work or at play. Re-  
member always exercise vigilance. Make safety  
your responsibility."  
9.37 p.m.—CARLTON CHASE:  
"Will Mother be Smiling On Me."  
9.41 p.m.—JOE ARONSON AND HIS SYNCO-  
PATING SYMPHONISTS:  
"A Face with the World" (Berlin).  
"Meadow Lark" (Fiorini).  
9.41 p.m.—HARRY NORTH:  
"Merry Moments."  
9.45 p.m.—JOE ARONSON AND HIS SYNCO-  
PATING SYMPHONISTS:  
"Let's Grow Old Together" (Nelson).  
"While We Danced Till Dawn" (Schuster).  
"It Made You Happy" (Donaldson).  
10.3 p.m.—"Arcus" news service. British of-  
ficial wireless news. Meteorological infor-  
mation. Sporting notes by "Olympus." An-  
nouncement.  
10.23 p.m.—JOE ARONSON AND HIS SYNCO-  
PATING SYMPHONISTS:  
"Shut Your Mouth, Sweeney" (Rose).  
"Shut it Back Again with His Boom,  
Boom, Boom."  
"Do the Dink Bottom with Me" (Meyer).  
10.33 p.m.—KEITH DESMOND, accordionist:  
"Who's Got the Promiscuous Ear" (Sante).  
10.37 p.m.—JOE ARONSON AND HIS SYNCO-  
PATING SYMPHONISTS:  
"Say that You Love Me" (Niehols).  
"The More We Are Together" (Nambau).  
"Scott's Fantasy" (Capehart).  
10.47 p.m.—MARION LIGHTFOOT:  
"Invitation."  
10.51 p.m.—JOE ARONSON AND HIS SYNCO-  
PATING SYMPHONISTS:  
"The Savvy Medley of Medleys" (Somers).  
"The Amiable Pair" (Forewell).  
"Cherlie, I Love You" (Goodman).  
11.1 p.m.—OUR GREAT THOUGHT:  
"In the elder days of Art,  
Holders wrought with greatest care  
Each minute an unseen part;  
For the gods are everywhere."  
—Langtellow.  
11.3 p.m.—JOE ARONSON AND HIS SYNCO-  
PATING SYMPHONISTS.  
11.40 p.m.—GOD SAVE THE KING.

## 3AR, MELBOURNE

Wednesday.  
MORNING NEWS SESSION—11 to 12 noon.  
MIDDAY CONCERT SESSION.  
12.1 p.m.—Transmitted from Panatrophe House,  
333 Collins St. In celebration of Wills &  
Fulton, Ltd., on the Brunswick-Panatrophe.  
1 p.m.—Description of Kellor Hurdie, 2 miles  
from Flimington.  
1.5 p.m.—Close down.  
MIDWINTER SESSION.  
ORCHESTRAL CONCERT.  
1.40 p.m.—"The Two-year-old Mitz (from  
Flimington).

- 2:30 p.m.—Studio Orchestra (Direction, Mr. Ronald Wrayner).  
 2:45 p.m.—Trio, Swedish, 2 1/2 and half a furlong (from Flemington).  
 2:45 p.m.—Ayer's Danconians (Direction, Mr. Roy Charles).  
 3 p.m.—Mr. Ernest Pettifer, Saxophones: "Saxaphobia" (Wiedoeffl).  
 3:15 p.m.—Hempelhauser's Flat, 2 miles (from Flemington).  
 3:20 p.m.—Studio Orchestra: "In a Parisian Garden" (Lara Lehmann), "A Highland Scene" (Moore).  
 3:25 p.m.—Mr. Fred. Champion, Humorous Entertainer, Melbourne's Merry-maker, in Merry Moments.  
 3:35 p.m.—Ayer's Danconians.  
 3:45 p.m.—Miss Ethel Beasley, Piano: "Water Lilies" (St. Clair).  
 3:50 p.m.—Brybrook Handicap, 1 1/2 miles (from Flemington).  
 4 p.m.—G.P.O. Clock says, "Four."  
 4:1 p.m.—Sound Weather forecast.  
 4:15 p.m.—Mr. Fred. Champion, Humorous Entertainer, The favorite fun-maker makes another onslaught on the Circle of Gloom.  
 4:15 p.m.—Studio Orchestra: "Yakshak-Land" (Thurban), "Endowment" (Hawthorne).  
 4:25 p.m.—Mr. Herbert Pettifer, Violin: "Biarritz" (Elgar).  
 4:30 p.m.—Ceciliae Weller, 7 furlongs (from Flemington).  
 4:35 p.m.—Studio Orchestra: "Fantasia Espagnole" (Hornar), "Prayer and Tango Dances" (Grieg).  
 4:45 p.m.—To-night's Amusement Guide.  
 5 p.m.—G.P.O. Clock says "Five."  
 Close down.

## CHILDREN'S SESSION.

- 5:45 p.m.—"The Farmyard Fife." Transmitted from Koobaburra Gully, the 3AB up-country station.

## EVENING SESSION—"SONG AND HUMOR."

- 7:30 p.m.—Football prospects, by "Faddy" Scamion, of the North Melbourne F.C.  
 8 p.m.—G.P.O. Clock says, "Eight."  
 8:1 p.m.—Mr. Walter Quirk, piano: "Andante and Rondo Capriccioso" (Mendelssohn).  
 "Spring Song" (Mannishashin).  
 8:5 p.m.—Mr. Will Davies, bass: "The Watchman" (Squire), "The Blind Ploughman" (Conningsby Clarke).  
 8:15 p.m.—Miss Elizabeth Lester, alto: "Adagio" (Haydn).  
 8:25 p.m.—Mr. Jack Bell, comedian. A few luminous and laughable bits from a favorite fun-maker.  
 8:30 p.m.—Miss Winnie Mayberry, contralto: "Yonder" (Olliver), "When I Go Home" (Cowan).  
 8:35 p.m.—Mr. Miller Crowe, cornet: "Intermezzo" from Cavalleria Rusticana (Maucagni).  
 8:45 p.m.—Miss Cumnie Barton, The Ukulele lady: In a few popular hits.  
 8:45 p.m.—Mr. George Stevenson, tenor: "Moulin Lovers" (Squire), "I Hope" (Jensen).  
 8:55 p.m.—Miss Elizabeth Lester, alto: "Largo" (Handel), "Seren Nominato" (Kreutzer).  
 9:1 p.m.—Mr. Will Davies, bass: "Shipmates o' Mine" (Sanderson), "The Trumpeter" (Dix).  
 9:15 p.m.—Mr. Jack Bell, comedian: An interlude of triviality and fun.  
 9:25 p.m.—Miss Edith Orland, hon. organizer of the Newsboys' City Club, "Wayward boys and the Big Brother Movement."  
 9:45 p.m.—Mr. George Stevenson, tenor: "Nita Glana" (Newton), "Desire" (Parker).  
 9:50 p.m.—Miss Winnie Mayberry, contralto: "The Enchantress" (Raffa), "My gentle child" (del Riego).  
 9:55 p.m.—Mr. Miller Crowe, cornet: "Give me back my heart again" (Hartman).  
 9:55 p.m.—Miss Cumnie Barton, the Ukulele lady: Popular numbers and new hits.

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- 10 p.m.—G.P.O. clock says, "Ten."  
10.1 p.m.—"Age" news bulletin.  
10.5 p.m.—Dance Hour, with Leggett's Ballroom Orchestra. Direction, Mr. Harz Nangle.  
11 p.m.—G.P.O. clock says, "Eleven."  
God Save the King.

### 4QG, BRISBANE.

Thursday.

MIDDAY SESSION.

- FROM THE OBSERVATORY.  
1 p.m.—Market reports. Weekly information. "The Daily Mail" and "The Daily Standard" news.  
FROM THE CONSTITUTIONAL CLUB—  
1.20 p.m.—A Lunch Hour Address.  
1.54 p.m.—Standard time signal.  
2 p.m.—Close down.

AFTERNOON SESSION.

A PROGRAMME OF MUSIC BY THE STUDIO ORCHESTRA.

- 3.30 p.m.—Overture, "The Gypsy Festival" (Haydn); waltz, "Algerienne" ("Barbaric" (Cobb)); dance, "In the Woodlands" (Eggle); enbolio, "Dances" (Bendix); one-step, "Sunshine" (Cobb); Hawaiian fox-trot, "Alaha Sunset Land" (Kawelo); reverie, "Fond Lilies"; march, "Army Swing" (Macdon-Beyer).  
4.15 p.m.—"The Telegraph" news.  
Close down.

EARLY EVENING SESSION.

- 6 p.m.—"Daily Standard" news. Announcements.  
6.30 p.m.—The Children's Session—Stories by "The Sandman."  
7 p.m.—Market reports. Stock reports.  
7.30 p.m.—"Daily Standard" news. Announcements.  
7.43 p.m.—Standard time signal.  
7.45 p.m.—Lecture: "A Talk on Books," by Mr. W. A. Braiden (McLeod's).

NIGHT SESSION.

FINNEY ISLES CONCERT.

- To-night's programme has been arranged by Finney Isles, Ltd., and will be relayed from the company's premises, Queen Street.  
8 p.m.—March, "Down Main Street" (Weld); Miss Erisk King's "Charlie" (Orchestra); bass solo, "Captain Black" (Richards); Mr. Stanley Tamblin; obsequatory number, "A Yellow Dog's Love for a Nigger"; Miss Bonnie Bell; soprano solo, "I'veer Song," from "Pansy" (Ginn); Miss Bess; humorous quartette, "Old Mother Hubbard" (Alfred Wheeler); Kookaburra; tenor, "Bid Me to Love" with violin obligato (Barnard); Mr. Albert Wilcox; saxophone solo, selected, Mr. McLaren; contralto solo, "Slave Song" (Tereseol Risto); Miss Ivy Rodgers; obsequatory number, "The Bell" (Edgar Allen Poe); Miss Rose Bruhn; mezzo-soprano solo, Bella of Brittany" (Loyal Philippe Jenkins); Miss E. Sutherland; Euphonium, "Romance"; Mr. H. Nicoll; baritone solo, selected, Mr. T. Griffiths; tenor solo, "Macanahia" (Dermod MacKerrach); Mr. Ray Bruce; mezzo-soprano solo, "In An Old Fashioned Town" (Squire); Miss L. Pater; humorous duet, "Spring Cleaning" (Owen Way and John McLaren); Mr. and Mrs. J. M. Taruborn; harp solo, selected, Mr. Vince Grant; popular number, "In a Little Spanish Town"; Miss Enid King's "Charleston Orchestra"; Hawaiian instrumentalists, "The Big Dick" Trio; obsequatory number, selected, Miss Bonnie Bell; soprano solo, "Sleepy Hollow Tune" (Kuntal); Miss Bess; tenor solo, "For All Eternity"—with violin obligato (Macanahia); Mr. Albert Wilcox; baritone solo, "The King's Minister" (Ponath); Mr. C. H. Barnes; violin solo, "Chanson Indone"—from opera, "Sadko" (Kremler); Miss Gwen Syc; contralto solo, "Glory of the Sea" (Sanderson); Miss Ivy Rodgers; obsequatory number, "Hash in Love" (Anon); Miss Rose Bruhn; mezzo-soprano solo, "I Passed by Your Window" (May Frabe); Miss L. Pater; bass solo, "Invictus" (Hahn); Mr. Stanley Tamblin; humorous quartette, "Three Little Kittens" (Barthel Vieux); Kookaburra; violin solo, "Intermezzo" from "Cavalleria Rusticana" (Macagnoli); Miss O. Maher; baritone solo,

"There's a Lead" (Admission). Mr. T. Griffin; humorous diet, selected, Mr. and Mrs. J. M. Harschorn; tenor solo, "On with the Wind" from opera "Pagliani" (Admission) by Mrs. A. Brown; concert solo selected, Mr. Ted Hamilton; variations, "Mountain Lovers" (Solo), Mr. C. H. Barnes; frolics—(1) "The Grows on Luscious Thinking of You" (Donaldson and Ash), (2) "Just a Bird's Eye View of My Old Kentucky Home" (Donaldson and Kahn), Miss Field King's "Charleston Orchestra" Announcement, Mr. J. W. Newington.

FROM THE STUDIO  
10 p.m.—"The Daily Mail" news; weather news.  
Close down.

## 5CL, ADELAIDE.

Thursday.

### MORNING SESSION.

10.30 a.m.—Chimes.  
12.15 p.m.—Studio Music.  
12.15 p.m.—"Advertiser" news service.  
12.45 p.m.—Studio Music.  
1 p.m.—Advertiser News Service.  
1.15 p.m.—Studio Music.  
2 p.m.—Chimes, Stock Exchange Intelligence, Official Weather Bulletin.  
Close down.

### AFTERNOON SESSION.

3 p.m.—G.P.O. Chimes.  
3.1 p.m.—Relay from the Maple Leaf Cafe—Orchestral Selections.  
3.40 p.m.—Studio Music.  
4 p.m.—G.P.O. Chimes.  
4.1 p.m.—Relay from the Arcadia Cafe—Orchestral Selections.  
5 p.m.—G.P.O. Chimes and close down.

### EVENING SESSION.

8 p.m.—G.P.O. Chimes.  
8.1 p.m.—Dinner Music from Corcoran Gardens.  
8.4 p.m.—Children's Entertainment.  
9.30 p.m.—Market reports, Stock Exchange Intelligence, Retail Grocer's reports, Automobile Association Bulletin.  
10.15 p.m.—Mr. Whittenbury will speak about poultry.  
10.30 p.m.—G.P.O. Chimes.  
10.45 p.m.—From the Studio, Popular Night: Flute Orchestra, Instrumental, Ray Miller, Mezzo Soprano, Marjorie Walsh, Lyric Soprano, Gerald Healy, Tenor, Frank Charbon, Bass.  
11 p.m.—Official Weather report, Dalrymple's Wheat report.  
11.15 p.m.—Studio Items.  
11.45 p.m.—"Advertiser" news service, Wireless shipping.  
10.15 p.m.—Studio Items.  
11 p.m.—Station announcements, Weather Bulletin.  
National Anthem.

## 6WF, PERTH.

Thursday.

12.50 p.m.—Time in.  
1.30 p.m.—First local news bulletin.  
Market reports.  
Tables.  
1 p.m.—Time signal from Perth Observatory.  
1.15 p.m.—Weather news supplied by U.S. Meteorological Bureau of Western Australia.  
1.30 p.m.—Studio Quintette.  
2 p.m.—Close down.  
3.30 p.m.—Time in.  
3.55 p.m.—Musical programme including piano selections by Miss Evelyn Wilton, A.R.C.M.  
4 p.m.—Studio Instrumental Trio.  
4.30 p.m.—Close down.  
4.45 p.m.—Time in.  
5.20 p.m.—Stories for Tiny Tots by Auntie Kate.  
7.5 p.m.—Uncle Duffy will talk to the kiddies.  
10 p.m.—Stock and Share Intelligence.  
Market reports.  
Tables. News by courtesy of "The West Australian" Newspaper Co.  
10.45 p.m.—Talk.

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- 8 p.m.—Time signal from Perth Observatory.  
 8.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.  
 8.2 p.m.—Orchestral Concert.  
 (W.P.) Station Orchestra, conducted by Mr. Ronald E. Moyle, A.T.C.L.  
 Vocal assisting artists.  
 9 p.m.—Travel talk by John Cowie, Esq., representing Cook's Tourist Agency, Fremantle.  
 10 p.m.—Late news items by courtesy of "The Daily News" Newspaper Co.  
 Ships within range announcements.  
 Weather report and forecast.  
 10.30 p.m.—Close down.  
 100 Metre Transmission.  
 Simultaneous broadcast on 100 metres of musical programme given on 1250 metres.

## Friday, July 8 2FC, SYDNEY.

### EARLY MORNING SESSION.

- 7 a.m.—"Big Ben" and announcements.  
 7.5 a.m.—Studio music.  
 7.15 a.m.—COUNTRY SESSION: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services.  
 7.25 a.m.—Investment market, raising share market, metal quotations.  
 7.35 a.m.—Wool sales, breadstuffs markets, interstate markets, produce markets.  
 7.45 a.m.—"Sydney Morning Herald" summary.  
 8 a.m.—"Big Ben." Close down.

### MORNING SESSION.

- 10 a.m.—"Big Ben" and announcements.  
 10.6 a.m.—Studio music.  
 10.16 a.m.—"Sydney Morning Herald" news service.  
 10.30 a.m.—Studio music.  
 10.35 a.m.—"A Reading."  
 10.45 a.m.—Studio music.  
 11 a.m.—"Big Ben."  
 Marching music for school children.  
 11.5 a.m.—A.P.A. and Reuter's Cable Services.  
 11.10 a.m.—Studio music.  
 11.15 a.m.—A talk on home cooking and recipes by Miss Ruth Furst.  
 11.30 a.m.—Close down.

### MIDDAY SESSION.

- 12 noon—"Big Ben" and announcements.  
 12.2 p.m.—Stock Exchange, first call.  
 12.5 p.m.—Official weather forecast, rainfall.  
 12.5 p.m.—Studio music.  
 12.10 p.m.—Summary of "Sydney Morning Herald" news service.  
 Rugby wireless news.  
 12.25 p.m.—Studio music.  
 12.30 p.m.—Marching music for school children.  
 12.40 p.m.—LILY HANCOTT, soprano  
 "Little Brown Bird" (del Rio).  
 12.45 p.m.—Studio music.  
 1 p.m.—"Big Ben." Weather Intelligence, service.  
 1.3 p.m.—"Evening News" midday news service.  
 Producers' Distributing Society's Report.

- 1.30 p.m.—Studio music.  
 1.35 p.m.—Stock Exchange, second call.  
 1.30 p.m.—Marching music for school children.  
 1.40 p.m.—LILY HANCOTT, soprano:  
 "The Sweetest Song" (James).  
 1.43 p.m.—Studio music.  
 2 p.m.—"Big Ben." Close down.

### AFTERNOON SESSION.

- 3 p.m.—"Big Ben" and announcements.  
 3.5 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA.  
 Conductor, Mr. Frederick Leighton.  
 3.50 p.m.—Marching music for school children.  
 3.40 p.m.—FRANK BOTHAM, baritone (from Farmer's Tea Rooms):  
 "Little Irish Girl" (Lohr).  
 3.45 p.m.—A Reading.  
 4 p.m.—KILEEN MOREAU, soprano (from Farmer's Tea Rooms):  
 "Walt" (d'Hardelet).



- 4.5 p.m.—THE WESTWORTH SYMPHONIC ORCHESTRA.  
Conductor, Mr. Frederick Leighton.
- 4.20 p.m.—FRANK BOTHAM, soloists: "Impassio" (Barnhill).
- 4.25 p.m.—MARGOT LEGAULT, Soprano: "Love will find a Way" (Simson).
- 4.30 p.m.—THE WESTWORTH SYMPHONIC ORCHESTRA.  
Conductor, Mr. Frederick Leighton.
- 4.40 p.m.—EILEEN MORRAN, soprano (from Farmer's Tea Room):  
"Sonnets in the Wood" (Goss).
- 4.45 p.m.—Stuck Fachants, third call.
- 4.48 p.m.—Studio music.
- 4.50 p.m.—THE WESTWORTH SYMPHONIC ORCHESTRA.
- 5 p.m.—"Big Ben." Close down.

## DAILY EVENING SESSION.

- 5.15 p.m.—The silence of E.C.
- 5.20 p.m.—The "Madre Maria" talks to the children.
- 5.30 p.m.—Story time for the young folk.
- 5.40 p.m.—Studio music.
- 5.45 p.m.—"Big Ben." Late sporting news.
- 5.50 p.m.—Industry's market reports (wheat, wool, and stock).
- 5.55 p.m.—Fruit and vegetable markets.
- 6 p.m.—Weather and shipping news.
- 6.10 p.m.—Late Evening News service.

## NIGHT SESSION.

- 6.55 p.m.—Programme announcement.
- 7 p.m.—Studio music.
- 7.10 p.m.—The story of the Opera:  
"MADAME POMPADOUR."  
7.30 p.m.—HER MAJESTY'S THEATRE ORCHESTRA, conducted by Mr. Andrew MacCall, in the Overture to "Madame Pompadour."
- 8 p.m.—"Big Ben."  
Excerpts from the production of "Madame Pompadour."  
Music by Leo Fall.  
ACT I: Introduction and Ensemble, Arthur Shligant and Chorus.
- 8.15 p.m.—Scene, "Carnival Time," Frank Webster and Ladies.
- 8.30 p.m.—FROM THE STUDIO.  
"A Street Scene in Jaxax," described by G. T. J. Henry.
- 8.35 p.m.—A foreword to the next item.
- 8.40 p.m.—FROM HER MAJESTY'S THEATRE: The Street, Sydney.  
Duet, "By the Light of the Moon," sung by Bessie de Vries and Frank Webster.
- 8.50 p.m.—FROM THE STUDIO:  
87. Cyril Maudslayi, soloist:  
(a) "Ave Maria" (Schubert-Wilhelms).  
(b) "Bavense" (Papst).
- 8.55 p.m.—Foreword to the next item.
- 9 p.m.—FROM HER MAJESTY'S THEATRE.  
Finale in the Act set of "Madame Pompadour" by the Full Company.
- 9.30 p.m.—"Big Ben." FROM THE STUDIO:  
Charles Kenton, entertainer:  
(a) "That'll be old Dutch Clock" (Scott).  
(b) "The Argentinian in the Fortugno and the Greeks" (Morison).
- 9.35 p.m.—A foreword to the next item.
- 9.40 p.m.—FROM HER MAJESTY'S THEATRE: The Street, Sydney.  
Introduction and Ensemble to the second act of "MADAME POMPADOUR," by the full company.
- 9.50 p.m.—Duet, "Love's Gentry," Bessie de Vries and Frank Webster.
- 9.55 p.m.—FROM THE STUDIO:  
Mr. Cyril Maudslayi, soloist:  
"Dance Tunes" (Nash).
- 9.57 p.m.—VIRGINIA BASSETT, contralto.
- 10.00 p.m.—A foreword to the next item.
- 10.05 p.m.—FROM HER MAJESTY'S THEATRE.  
Serenade, "Madame Pompadour," sung by Frank Webster and Chorus of Soldiers.
- 10.10 p.m.—FROM THE STUDIO:  
Charles Kenton, comedian:  
(a) "The Zanzibar Fair" (Wentan and Lee).  
(b) "Society Doodle" (Barnhill).
- 10.15 p.m.—A novel book competition.
- 10.20 p.m.—FROM HER MAJESTY'S THEATRE.  
Finale to Act Two of "MADAME POMPADOUR" by the full company.

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- 10.19 p.m.—FROM THE STUDIO:  
Mr. Harrison White, banjoist:  
(a) "Flick the Footie" (Hercer).  
(b) For Trent, "What good is Good Morn-  
ing" (Santly).  
10.28 p.m.—VIRGINIA BASSETT, contralto.  
10.33 p.m.—HARRISON WHITE, banjoist:  
"The Waters of Minnetonka" (Ligature).  
10.38 p.m.—VIRGINIA BASSETT, contralto.  
10.40 p.m.—HARRISON WHITE, banjoist:  
(a) "Drifflin and Drumming" (Aletyn).  
(b) "Gude a Little Bit" (Schaek).  
10.46 p.m.—Celebrity records.  
10.57 p.m.—Late news and announcements.  
11 p.m.—"Big Ben."  
THE WENTWORTH SYMPHONIC DANCE  
ORCHESTRA, popular numbers.  
Conductor, Mr. Frederick Leighton.  
11.15 p.m.—National Anthem.  
Close down.

### 3LO, MELBOURNE.

Friday

- 12 noon.—Time signal. Metal prices received by the Australian Mines and Metals Association from the Stock Exchange this day. British Official Wireless News from Rugby. Reuters and the Australian Press Association Cables. "Argus" News Service.  
12.20 p.m.—THE D'ARCY TRIO:  
Violin Solo, EILEEN MCCARTHY:  
"Solo-Legende" (Wieniewski).  
"The Great Bazaar" (Woodforde-Finden).  
Piano, MYRTLE SKIDWIS:  
"December" (Tschalkowsky).  
"Lassome and Sorry" (Cox Conrad).  
12.33 p.m.—STUDIO ORCHESTRA:  
"Ballroom Chatter" (Strickland).  
12.40 p.m.—Stock Exchange Information.  
12.45 p.m.—MADAME LARBIER, Soprano:  
"Madame Butterfly" (Puccini).  
12.50 p.m.—STUDIO ORCHESTRA:  
"Musicals" (Glenk).  
1 p.m.—AGNES FORTUNE, Piano:  
"Noel" (Gardiner).  
1.1 p.m.—CARLTON CHASE:  
"Bye-Bye, Blackbird."  
"Bonnie, My Highland Lass."  
1.14 p.m.—Meteorological Information. Ship-  
ping intelligence. Weather synopsis for Vic-  
toria, Tasmania, South Australia and New  
South Wales, Ocean Forecast, River re-  
ports.  
1.20 p.m.—STUDIO ORCHESTRA:  
"Nocturne" (Korjanoff).  
1.30 p.m.—KEITH DEEMOND:  
"The Bird" (Dryblower).  
"The Big Bird" (Baxter).  
1.37 p.m.—HARRY NORTH, Concertina:  
"Modern Melodist."  
1.45 p.m.—MARION LIGHTFOOT, Soprano:  
"The Swallows."  
"The Moorish Maid."  
1.53 p.m.—STUDIO ORCHESTRA:  
"Clotilda" (Houcaer).  
2 p.m.—Close down.  
2.45 p.m.—Description of Associated Public  
Schools of Victoria Football—GEELONG  
COLLEGE v. MELBOURNE GRAMMAR  
SCHOOL, at Geelong. Description by Mr.  
G. J. Brooklands.  
2.55 p.m.—Description of Associated Public  
Schools of Victoria Football—WESLEY  
COLLEGE v. SCOTCH COLLEGE, from the  
Melbourne Cricket Ground.  
AFTERNOON SESSION.  
3.5 p.m.—STUDIO ORCHESTRA:  
"Nocturne" (Chenoweth).  
3.10 p.m.—Description of Associated Public  
Schools of Victoria Football—GEELONG  
COLLEGE v. MELBOURNE GRAMMAR  
SCHOOL, at Geelong. Description by Mr.  
G. J. Brooklands. Quarter time.  
3.20 p.m.—Description of Associated Public  
Schools of Victoria Football—WESLEY  
COLLEGE v. SCOTCH COLLEGE, at Mel-  
bourne Cricket Ground. Quarter-time.  
3.40 p.m.—STUDIO ORCHESTRA:  
"The Ingles" (Muskett).

5.10 p.m.—Description of Associated Public Schools of Victoria Football—GEELONG COLLEGE v. MELBOURNE GRAMMAR SCHOOL, at Geelong. Description by Mr. U. J. Brookbanks. Half-line.

5.20 p.m.—Description of Associated Public Schools of Victoria Football—WESLEY COLLEGE v. SCOTCH COLLEGE, at Melbourne Cricket Ground. Half-line.

6 p.m.—MYRTLE ROBERTSON, violin: "Romance" (Bryden).

6.1 p.m.—STUDIO ORCHESTRA: "Nella Kelly."

6.20 p.m.—Description of Associated Public Schools of Victoria Football—GEELONG COLLEGE v. MELBOURNE GRAMMAR SCHOOL, at Geelong. Description by Mr. U. J. Brookbanks. Three-quarter-time.

6.25 p.m.—Description of Associated Public Schools of Victoria Football—WESLEY COLLEGE v. SCOTCH COLLEGE, at Melbourne Cricket Ground—Three-quarter-time.

6.30 p.m.—MRS. M. CALLAWAY MABOOD: "The Study and Use of Colour"—9.

ALUMMARY.—Each colour has its own special qualities of intensity and composition. This talk will deal with individual colours and their effects, and will give examples of schemes based on red—on orange—on yellow—on green—on blue—on violet.

6.50 p.m.—"Herald" news service. Stock Exchange information.

7 p.m.—Description of Associated Public Schools of Victoria Football—GEELONG v. MELBOURNE GRAMMAR SCHOOL, at Geelong. Description by Mr. G. J. Brookbanks. Final score.

7.10 p.m.—Description of Associated Public Schools of Victoria Football—WESLEY COLLEGE v. SCOTCH COLLEGE, at Melbourne Cricket Ground. Final score.

7.20 p.m.—Close down.

#### EVENING SESSION.

7.30 p.m.—MARION LIGHTFOOT, harp:

"Take Your Pick."

7.40 p.m.—CAPTAIN DONALD MCELLEAN:

"CAPTAIN HOWELL DAVID."

7.50 p.m.—MARION LIGHTFOOT:

Song, "Sunset Down in Emma."

Recite, "Yeats Boatman."

Recite, "Tenderly."

7.55 p.m.—Official report of Newmarket Stock Sales. Summary of Trade received for following Week's sales. Supplied by Live Stock Agents' Association, Oxford Chambers, Bankers Street, Melbourne.

8.05 p.m.—"Herald" news service. Weather synopsis, shipping movements.

8.15 p.m.—Stock Exchange information.

8.25 p.m.—Fish Market reports by J. E. Norvell, L&A, Rabbit prices.

8.35 p.m.—River reports.

8.45 p.m.—Market reports of Fruit by the Victorian Fruitgrowers' Association, compiled by the "Fruit World," exclusive to B.L.O.

#### NIGHT SESSION.

7.15 p.m.—Under the auspices of the Agricultural Department, MR. W. C. RUGG, Pathologist Expert, will speak on:

"Chicken Raising."

8.00 p.m.—STUDIO ORCHESTRA:

"Sun Toy" (Jones).

8.10 p.m.—THE DARCY TRIO:

"Dressing and Dressing" (Schmidt).

"Maidy."

Piano Solo MYRTLE SKEWES:

"Air de Ballet" (Chamoude).

"Over the Blue Eyes" (Magagnoli).

8.25 p.m.—MR. H. K. LOVE:

"Techniques."

8.35 p.m.—COLLINGSWOOD CITIZENS' BAND:

Waltz, "Tea Time."

8.45 p.m.—MADAME LAMBERT:

"Valse des cent Vierges" (Lovy).

"Air de Salome" (Herold). (Hosmer).

8.55 p.m.—STUDIO ORCHESTRA:

"Andantino Symphony in F Minor"

(Tschaiikowsky).

8.59 p.m.—CARLTON CHASE, Musical Memo:

Wagon, "Pie Tail of Le Fang Lu."

8.59 p.m.—HARRY NORTH, Comedian:

"Epitaphic Airs."

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- 8.45 p.m.—(SABE), RIDDEL, contralto:  
"Even as a Lonely Flower" (P. Ark. London).  
"The Waves and the Wind" (Lionel).
- 8.50 a.m.—COLLINGWOOD CITIZENS' BAND:  
Selection, "Boccaccio."  
8 p.m.—ROYAL AUTOMOBILE CLUB OF VICTORIA'S MESSAGE FOR TO-DAY IS FOR MOTORISTS:—  
"Never fail to stop after an accident in which your car is even remotely concerned, whether you consider the occurrence your fault or not."  
Announcements.  
9.5 p.m.—RUTH DESMOND:  
"The Will be Done."  
"Sincerely" (D. Phillips).
- 9.15 p.m.—MR. C. J. WILLIAMS:  
Saturday's Stadium Event.  
9.25 p.m.—MADAME LAMBERT, soprano:  
"There Tamed" (Yoncal).  
"Nad' d'orfant" (Dell. Aural).
- 9.25 p.m.—"CARDIGAN" (Mr. H. W. Wolfe, Sporting Editor of the "Argus" and the "Australasian"), will speak on Saturday's Race.
- 9.35 p.m.—STUDIO ORCHESTRA:  
Suite, "No. 3 Palace" (Tchaidzavaki).
- 9.40 p.m.—(SABE), RIDDEL, contralto:  
"The May Night" (Heahan).  
"Cradle Song" (Schubert).
- 9.53 p.m.—Miscellaneous Information. Road Notes supplied by the Automobile Club of Victoria.
- 9.55 p.m.—COLLINGWOOD CITIZENS' BAND:  
Trombone solo, "The Trumpeter."  
March, "Behind the Hoards."
- 10.5 p.m.—CAHLTON CHAMBE:  
"Recitativo, Baby Blues."  
"Brand New Gal of Mine."
- 10.15 a.m.—BERTHA JORGENSEN, violin.  
"Pencil Flower" (McWilliam).
- 10.25 p.m.—"Argus" News Service. British Official Wireless News.
- 10.25 p.m.—COLLINGWOOD CITIZENS' BAND:  
Novelty, "Slide Thru the Eye."  
Gavotte, "Waltz, Lillo."
- 10.38 p.m.—HARRY NORTH, concertina:  
"Old Favorites."
- 10.45 p.m.—JOE ARONSON AND HIS SYMPO-SYMPHONISTS:  
"Beaching for the Moon" (Davy).  
"By the Waters of Minnetonka" (Lieser-ance).  
"That's My Gal" (Davis).  
"I Want a Fardel for Diddy" (Roni).
- 11 p.m.—OUR GREAT THOUGHT:  
"They hiss thy sweet growth, nor catch  
At noise, but thrive unseen and dumb.  
Keep clean, be as fruit, even life and watch  
Till the white-wing'd reapers come."
- 11.1 p.m.—JOE ARONSON AND HIS SYMPO-SYMPHONISTS:  
11.40 p.m.—GOD SAVE THE KING.

Saturday, July 9  
2FC, SYDNEY

EARLY MORNING SESSION.

- 7 a.m.—"Big Ben" and announcements.  
7.5 a.m.—Studio music.  
8.15 a.m.—COUNTRY SESSION: Official weather forecast, rainfall, temperature, astronomical, memoranda, shipping intelligence, mail services.  
8.25 a.m.—Investment market, mining share market, metal quotations.  
8.35 a.m.—Wool sales, Broadbent's markets, international markets, produce markets.  
8.45 a.m.—"Sydney Morning Herald" news service.  
9 a.m.—"Big Ben" Close-down.  
MORNING SESSION.  
10 a.m.—"Big Ben" and announcements.  
10.5 a.m.—Studio music.  
10.15 a.m.—"Sydney Morning Herald" news service.  
10.30 a.m.—Studio music.

- 10.16 a.m.—A talk by the 2FC Racing Commissioner.  
 10.42 a.m.—Studio music.  
 11 a.m.—"Big Ben." Studio music.  
 11.5 a.m.—A.P.A. and Reuter's Cable Services.  
 11.16 a.m.—Studio music.  
 11.30 a.m.—A talk on Gardening by Mr. G. J. Luckley ("Hortem").  
 11.50 a.m.—Close down.  
**MIDDAY AND AFTERNOON SESSION.**  
 12 noon—"Big Ben."  
 Stock Exchange, first call.  
 12.3 p.m.—Studio music.  
 12.50 p.m.—"Sunday Morning Herald" news and Rugby Wireless News.  
**NOTE:** Each event of the Mourfield Racing Club's Meeting will be described in the running by the 2FC Racing Commissioner.  
 1 p.m.—"Big Ben." Weather intelligence.  
 1.5 p.m.—"Evening News" midday news service.  
 1.53 p.m.—Studio music.  
**NOTE:** Musical items will be given throughout the afternoon during the intervals of racing events, including  
 MR. CLIFF AENOLD, novelty pianist, and  
 THE WENTWORTH SYMPHONIC DANCE ORCHESTRA, conducted by Mr. Frederick Leighton.  
 2.38 a.m.—A complete resume of the day's sporting events, more.  
 2 p.m.—"Big Ben." Close down.

**EARLY EVENING SESSION.**

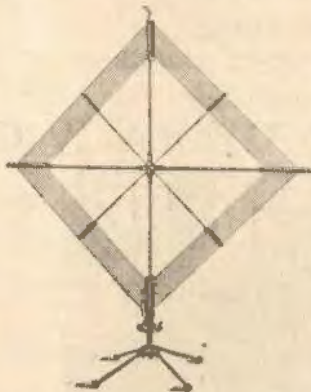
- 7.40 p.m.—The Chimes of 2FC.  
 8.08 p.m.—The "Hello Man" talks to the children.  
 8.50 p.m.—Story time for the young folks.  
 9.00 p.m.—Dinner music.  
 9 p.m.—"Big Ben." Late sporting news.  
 9.18 p.m.—Weather intelligence.  
 9.16 p.m.—"Evening News" late news service.

**NIGHT SESSION.**

- 9.30 p.m.—A message of Greeting on the Opening of 2KY, Wellington, New Zealand, which station operates tonight on its increased power.  
 9.43 p.m.—A relay from 2KY.  
 9 p.m.—THE CRYSTAL PALACE THEATRE ORCHESTRA.  
 Conductor, Mr. Harry Stone.  
 9.15 p.m.—THE "SPARKLERS" introduce themselves and sing "How do You Do."  
 9.17 p.m.—EGGY DUNBAR, contralto:  
 "Sweet Genevieve."  
 9.20 p.m.—MAIDA JONES and RUS GARLING:  
 "On the Telephone."  
 9.25 p.m.—Let's all Fox Trot.  
 9.30 p.m.—ERNEST ARCHER, tenor:  
 "Mascalia."  
 9.34 p.m.—A Musical Interlude by the HONOLULU TRIO:  
 "Hawaiian Hop" (Kiliman).  
 9.34 p.m.—CHARLES LAWRENCE, entertainer:  
 "Mirthful Murders."  
 9.44 p.m.—WILFRED THOMAS, bassist:  
 "Old Susan the Collier" (Stanton).  
 9.48 p.m.—BRUNTON GIBB, entertainer:  
 A "Sparklers" Sketch.  
 9.54 p.m.—Select your partners for another Fox Trot.  
 9 p.m.—MAIDA JONES, soprano:  
 "Oh, Agreen."  
 9.48 p.m.—RUS GARLING will present a "Bedtime Story Session for Grow-ups."  
 9.18 p.m.—THE HONOLULU TRIO, in a Musical Novelty.  
 9.15 p.m.—EGGY DUNBAR (contralto) and WILFRED THOMAS (bass):  
 "Dust, 'Oh that we two were Mayne" (Smith).  
 9.50 p.m.—"JERRY" joins the Jesters.  
 9.54 p.m.—WILFRED THOMAS, bassist, will sing "Mandaly," supported by the "Sparklers."  
 9.55 p.m.—The "Sparklers" will present a burlesque "Sound Competition."  
 9.52 p.m.—CHARLES LAWRENCE, entertainer, in mirthful moments:  
 "Fisky Fishing Story" (Harley).  
 9.58 p.m.—ERNEST ARCHER, tenor:  
 "Bells of Brittany" (Phillips).



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that windings can be connected in various ways to cover different wave length ranges. It should be remembered that the advantages of counter-winding are not obtained when the windings are connected in series—it then operates as a simple frame aerial.

The Igranic Frame Aerial is collapsible, and folds into a very small space; it can be erected easily and quickly, and is ideal for portable use.

This New Frame Aerial completely eliminates interference, set up by stations using wave lengths in or near the band to which the intermediate frequency amplifier is responsive.

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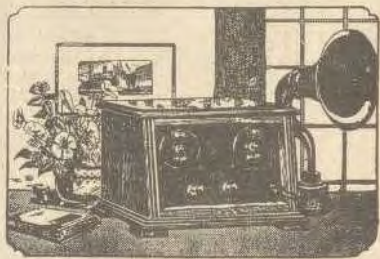
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ONLY HIGH QUALITY GOODS STOCKED

- 9.42 p.m.—The "Sparklers" finish up with "Smiles."
- 9.45 p.m.—THE CRYSTAL PALACE THEATRE ORCHESTRA.  
Conductor, Mr. Harry Stone.
- 10 p.m.—PEGGY DUNBAR, contralto.
- 10.4 p.m.—THE HONOLULU TRIO:  
(a) "Dipping and Dipping" (Gurtis).  
(b) "In a Little Spanish Town" (Wayne).
- 10.10 p.m.—BRUNTON GIBB, ensembles.
- 10.14 p.m.—ERNEST ARCHER, tenor:  
(a) "Love Lily" (Thompson).  
(b) "Madame" (Anderson).
- 10.20 p.m.—THE CRYSTAL PALACE THEATRE ORCHESTRA.  
Conductor, Mr. Harry Stone.
- 10.30 p.m.—THE WENTWORTH TRIO:  
NIC DANCE ORCHESTRA.  
Conductor, Mr. Frederick Leighton.
- 10.57 p.m.—Late news and announcements.
- 11 p.m.—"The Ben."
- THE WESTWICH SYMPHONIC DANCE ORCHESTRA, in popular numbers until 11.45 p.m.
- 11.45 p.m.—National Anthem.  
Close down.

## 3LO, MELBOURNE.

Saturday

MORNING SESSION.

- 11 a.m.—STUDIO ORCHESTRA:  
"Musical Jigsaw."
- 11.10 a.m.—CARLTON CHASE:  
"Bye Lu."  
"Take in the Sun, Hang out the Moon."
- 11.17 a.m.—HARRY NORTH, concertina:  
"Old Time Favorites."
- 11.24 a.m.—STUDIO ORCHESTRA:  
"Precious Gems" (Lindemann).
- 11.34 a.m.—KEITH DESMOND:  
"Dundell, V.C.C. (Campbell)."  
"My Micas sees to Me" (Campbell).
- 11.41 a.m.—WALTER SMITH, cornet:  
"Northern Lights" (Sievrist).
- 11.48 a.m.—STUDIO ORCHESTRA:  
"Suite of Four Poetic Album Leaves"  
(Saxing).
- 12 noon.—Time signal. Metal Prices received by the Australian Mines and Metals Association from the London Stock Exchange this day. British Official Wireless News from Rugby. Reuter's and the Australian Press Association Cables. "Argus" News Service.
- 12.20 p.m.—STUDIO ORCHESTRA:  
"Thousand and One Nights" (Strauss).  
"Morning Journals" (Strauss).
- 12.30 p.m.—DARCY TRIO:  
Piano, "Romance in D Flat" (Sibelius).  
Violin "Minuet" (Beethoven).  
"Album Leaf" (Sitt).  
Trio, "Smile a Little Bit" (Morton and Shervin).
- 12.45 p.m.—Stock Exchange Information.
- 12.45 p.m.—STUDIO ORCHESTRA:  
"Vals de Musette" (Puccini).
- 12.55 p.m.—MADAME LAMBERT, soprano:  
"Vals de Musette" (Puccini).
- 1 p.m.—Description of LAWN HANDBALL, FLEMINGTON RACES, by "Muskel," of the "Sporting Globe."
- 1.5 p.m.—HARRY NORTH:  
English Concertina Selections.
- 1.12 p.m.—Meteorological information, Shipping Intelligence, Weather Forecast for Victoria, Tasmania, South Australia, and New South Wales. Ocean Forecast, River Bonnia.
- 1.19 p.m.—STUDIO ORCHESTRA:  
"Ballad of Flowers" (No. 3 (Hadley)).
- 1.28 p.m.—CAPT. DONALD MACLEAN:  
"Captain England."
- 1.40 p.m.—Description of DOUTTA GALIA HURDLE, FLEMINGTON RACES, by "Muskel," of the "Sporting Globe."
- 1.45 p.m.—STUDIO ORCHESTRA:  
"To Mission San Francisco" (Strickland).
- 1.55 p.m.—CARLTON CHASE:  
"A Gentleman of France."
- 2 p.m.—Close down.
- 2.33 p.m.—Description of TITIAL HURDLE, FLEMINGTON, by "Muskel," of the "Sporting Globe."

2:10 p.m.—LEAGUE FOOTBALL—  
MELBOURNE v. COLLINGWOOD, at  
M.C.G. Described by Mr. Rod McCreger  
from M.C.G.

2:10 p.m.—Close down.

**AFTERNOON SESSION.**

2 p.m.—JOE ARONSON AND HIS SYNCO-  
SYMPHONISTS:

"Burgundy" (Muller).  
"Tonight's My Night with Baby" (Mear).  
"Half a Moon is Better than No Moon"  
(Bernson).  
"Hollins" (Went).  
"In a Little Spanish Town" (Wayne).

2:10 p.m.—Description of GRAND NATIONAL  
STEEPLE, V.R.C., FLEMINGTON, by  
"Musk". of the "Sporting Globe."

2:30 p.m.—LEAGUE FOOTBALL: MEL-  
BOURNE v. COLLINGWOOD, at M.C.G.  
Quarter time. Described by Mr. Rod McCreger  
from M.C.G.

2:30 p.m.—JOE ARONSON AND HIS SYNCO-  
SYMPHONISTS:

"Mr. Tom! He, Ha! Ho, ho!" (Brown).  
"You Been Wasting My Dreams Over You"  
(Ollagan).  
"Take in the Sun, Hang out the Moon"  
(Wood).

2:35 p.m.—Description of FOOTSCRAY  
STEEPLE, V.R.C., FLEMINGTON, by  
"Musk". of the "Sporting Globe."

2:35 p.m.—JOE ARONSON AND HIS SYNCO-  
SYMPHONISTS:

"Flanegan"—Piano solo (Harz).  
"The Village Blacksmith Opens the Village  
New" (Moore).

4 p.m.—LEAGUE FOOTBALL—  
MELBOURNE v. COLLINGWOOD, at  
M.C.G. Half-time. Described by Mr. Rod  
McCreger from M.C.G.

4:10 p.m.—JOE ARONSON AND HIS SYN-  
COPATING SYMPHONISTS:

"I'm Looking for You" (Hathaway).  
"Kentucky Lullaby" (Miller).  
"You Got the Girl" (Donaldson).  
"There Ain't No Maybe in My Baby's  
Eyes" (Kable).  
"You've Got to Black Shuffle" (Sparks).  
"Every Little Thing" (Sweeney).

4:30 p.m.—Description of JULY HANDICAP,  
FLEMINGTON, by "Musk". of the  
"Sporting Globe."

4:35 p.m.—LEAGUE FOOTBALL:  
MELBOURNE v. COLLINGWOOD, at  
M.C.G. Three-quarter time. Described by  
Mr. Rod McCreger, from M.C.G.

4:45 p.m.—"Herald" news service. Stock  
Exchange information.

5 p.m.—LEAGUE FOOTBALL:  
MELBOURNE v. COLLINGWOOD, at  
M.C.G. Final scores. By Mr. Rod McCreger,  
from M.C.G.

5:10 p.m.—Close down.

**EVENING SESSION.**

5:35 p.m.—Answers to Children's Letters and  
Birthday Greetings.

**CHILDREN'S HALF HOUR.**

6:10 p.m.—MABION LIGHTFOOT. Banjo:  
"Water Nymphs"  
"Pai Petra."

6:15 p.m.—"LITTLE MISS KOOKABURRA":  
"Joyce for the Littlest Ones."  
"Jack at the Fair."

6:15 p.m.—MISS ELSIE BRADSHAW will  
sing:  
"Two Songs for the Children."

6:20 p.m.—"LITTLE MISS KOOKABURRA":  
"The Cruise of the Saucy Jane."  
"The Kidnaped Constable."

6:25 p.m.—"Herald" News Service: Weather  
Reports: Shipping Movements.

6:45 p.m.—Stock Exchange Information.

6:55 p.m.—Fish Market Reports by J. R.  
Barred, Ltd. Rabbit Prices.

6:55 p.m.—River Reports.

6:55 p.m.—Market Reports: Official Report of  
Newmarket Sheep Sales, by Live Stock  
Agents' Association, Oxford Chambers,  
Bourke Street, Melbourne. Poultry, Grain,  
Rice, Straw, Hops, Dairy Produce, Potatoes  
and Onions.

7:15 p.m.—Market Reports of Fruit by the  
Victorian Fruitgrowers' Association, compiled  
by the "Fruit World" exclusive to B.F.O.

## Announcement

# Jefferson Transformers

No matter what circuit you wish to complete, there is a JEFFERSON Transformer that will bring you the highest possible degree of amplification. Right from the start put JEFFERSONS in your set—don't experiment—expert Radio Engineers after careful and exhaustive tests have found them perfect in every detail of construction. Distant stations are tuned in with ease, and you will be highly pleased with the extreme sensitivity, quietness and the freedom from distortion.



# 18/6

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No. 41—Ratio 3.75 to 1.

Designed for operation with all standard tubes.

1. Ratio of secondary to primary turns, 3.75 to 1.
2. Useful tone frequency range, 60/5000 cycles.
3. Allowable current on each winding, 10 milli-amperes.
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Primary, 1000 ohms. (approx.)  
Secondary, 5000 ohms. (approx.)
7. Primary and secondary wound with No. 40 enamel-covered copper wire.

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## All Readers' Queries Answered Here

### QUERIES

Will readers kindly note that all technical queries are answered through the columns of *Wireless Weekly*. There is no occasion to send either stamps or addressed envelopes. The only condition is that the number of questions be limited to four. We unfortunately cannot deal with technical queries by telephone or by personal callers.

**MAD (BOTANY).**—The Hackensay Two, but don't combine your present valves. Get another Coax. The condensers are OK.

**A.W. (MILDURA).**—Paper posted for Solodyne. Short wave receiver described in May issue of "Radio," also one will be described in July issue of "Radio." Slip the extra coil inside the aerial coil of the Browning Drake and connect aerial to one end and earth to the other. Aerial or earth, of course, doesn't go elsewhere now.

**H.W. (MATTLAND).**—Write to Metropolitan Elec. Co., 27 King Street, asking for manufacturing plate.

**F.H. (CULGIORRA).**—No, forget the power tube.

**A.E. (HARVEY, W.A.).**—Reduce the size of the reaction coil and watch adjustment of rheostat for detector.

**G.A. (UNYDON).**—The Hair Two of "W.W." is R.F.C.

**J.T.W. (BURIMA).**—You should certainly be able to build the Indolone. Take your time about it. Any advertiser in "W.W." will supply you with the parts.

**30.125 (ORANGE).**—See "Radio" for May or June, 1927. I don't know the station you build.

**E.W.E. (GLENBROUGH).**—Build the Solodyne.

**E.A. (GLOUCESTER).**—Certainly some kind lighting plant or generator.

**A.C. (JACARIA CR.).**—The battery in question would be of no use to you unless you had some facilities for charging from the electric light. Why not invest in a *Amplifier-Cathometer*? They are easily rechargeable for a small cost.

**M.R. (BALMAIN).**—It would be useless for me to describe both articles; you suggest visiting the materials for their construction are available locally. When they are available you will see full particulars in "W.W."

Thank fair, isn't it? If you want three R.F. stages you had better get on to a super heterodyne. I know of no successful method of building three R.F. stages consistently excepting the above set. Thanks for the Super Regenerative Circuit. I have known it for quite a time, but certainly wouldn't advise it. Yet 20 valves may be used with an accumulator of the correct voltage.

**HOBB. (MULLALEY).**—You would require a generator to couple with the Cooper engine. Write to the agents for the engine. They will advise you best.

**R.P. (N. ILUKA).**—The issue of "Radio" included was that of the new monthly which first appeared in May. Sorry we have no back issues, but try your newspaper. This will solve all your problems of short waves. Don't know V.D.L. or the other station. See THE A.W.A. Radio Guide. *Zip* time is very similar to ours.

**A.S.T. (GUILDFORD).**—The circuit you envelope is really excellent and should bring in inter-State stations. Perhaps it needs re-winding. See your dealer.

**J.D.H. (THEODORE, Q.1).**—A properly built Indolone is a wonderful set. All three slides read the same. The valves you mention are quite suitable. See "Radio" for June for more particulars of the Neutrodyne.

# AT LAST Batteryless Radio

In making the above Statement  
we mean —

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This is undoubtedly the greatest achievement in Radio development and is the result of research by the most prominent European Engineers.

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Local and Interstate Distributors wanted.

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**A.E.T. (AUBURN)**—If Tantalum were available in Australia a chemical rectifier for charging an A battery would be practicable. As it is not, the only solution is to obtain a battery charger.

**ELODYNE (INVERELL)**—Tumbler switch OK. The circuit in dots is as follows:—Run a hankler from the wire to earth connection of screen 1, thence to E and E of screen 2, etc. Refer to back of panel wiring diagram. Don't forget to join the common S. m.f.d. condenser connection to the E negative. This is omitted from the diagram.

**E.W.S. (CANTERBURY)**—Eliminate the Wave Trap by taking aerial direct to bottom switch arm.

**J.F. (BROOKVALE, MR. MANLY)**—See copy of "W.W." of May 27th for further development on the Browning Drake. All of "Wireless Weekly" receivers are tested on a 65ft. aerial.

**K.G. (ANNANDALE)**—The Filter Circuit One Valve will tune approximately from 300 to 600 metres. It is not advisable to add an extra stage of audio in this receiver.

**J.R. (QUEANBEYAN)**—Thanks very much for your nice article about the diagram. Believe me, it is well worth the trouble that you have given.

**H.A.W. (OHANONG)**—(1) Follow carefully the Back Panel Wiring Diagram and Circuit Diagram of the Solodyne.

(2) Benjamin models are very satisfactory.

(3) There is no need of six valves with the Solodyne. Five is quite sufficient to gain the excellent results in tone for you.

(4) Approximate wavelength tuning is 200 to 600 m.

(5) Try any advertiser in "W.W."

**G.S. (SYDNEY)**—Add more turns to the secondary of each coil. Lessen the primary windings. Copy of "Radio," Jan. 15th, is available.

**J.R.M. (HARBURFIELD)**—Follow carefully the Back Panel and Circuit Diagram of Solodyne. Unfortunately the wire linking the 3 to 6 by-pass condenser to B was left out of H.O.P. diagram. Put this in.

It would be better to have you re-wire the circuit the way we suggest. You may take the dash lamp out of circuit later on.

**C.M.F. (BELLINGHAM LIVERY)**—The best advice we can offer you is to use "W.W." of 25th January. It is not of the aerial of more than 70ft. overall length.

**P.G. (PARRAMATTA)**—The Coledady receiver is not working at its best on one valve, as a proper regenerative effect cannot be obtained. We suggest you add a stage of audio. See back copies of "W.W." and you will be more than surprised at the volume.

**D.M. (TEICHHARDT)**—You would do better with a straight cut Neutrodyne. The expense is not very much more than you intend to lay out.

**K.G. (CONCORD)**—Do not use a condenser whose capacity is less than 0.0025.

**A.P. (MANLY BRIS.)**—If you are situated anywhere close to 440, that station with its high power, would make it hard to receive Sydney stations without the "background" of 440. A 440 aerial could not help you very much, although a good one is worth a trial.

**R.H. (REDRIBB)**—That you get for a house wire or fan belt transformer. After your Grid leak is connected to the Grid Condenser By-pass Condensers should not be necessary. If you want to by-pass your batteries place 1 M.F. Condenser across "B" battery.

**D.C. (KENTHERST)**—See "W.W." of Nov. 5th for Four Valve Marcon Receiver. This is really a Belmont with size of Radio added.

**A.R.B. (BURWOOD)**—Perhaps the condensers, although rated the same value, may differ in operation. If this is not so you still probably did the coils or construction of each receiver differ slightly.

**R.O.W. (PARRAMATTA)**—As this receiver is not the easiest thing in the world to balance, we suggest that you stick to it, varying coils and battery voltage, etc. See copy of "W.W." of 15th Feb. for winding of B battery.

**W.M. (GYMPIE)**—As winding "W.W." Nov. 5th. This circuit will meet with all your requirements.

**A.K. (CESSNOCK)**—Sorry, but we have no record of the station.

**D. (SYDNEY)**—Glad you are getting good results with the Marvel. Your report will be hard to beat.

**"SOUTH" (BARGO)**—We have to cater for all classes of Homeborn Programmes are represented by over 40 per cent. of "Wireless Weekly" readers.

(1) Your "B" Batteries have probably run down, or are running down.

(2) Check the aerial and the tuning condensers, when tuning, you will certainly get "band chasing." Try shifting the coils.

(3) Yes. Your Det. Valve probably functions better with a lower det. plate voltage. This is very important, as not all valves are made the same. Some require a lower plate voltage than others. Try it for yourself.

**H.C.E. (BROOKDALE)**—Refer your act to the manufacturers.

**G.M. (GRAFTON)**—(1) Tune the aerial coil with a .001 condenser, making sure that you decrease the winding of the coil.

(2) This is not exactly a fair question; I value against it, you know. However, it depends what sort of an eight it is. I could certainly recommend the one if you are thinking of either of these acts, as there is not so very much difference, not enough to warrant extra outlay.

**J.H.W. (MOREETH)**—Let us know your full name and address.

**B.O. (ABBOTSFORD)**—Sorry we can't help. There have not been enough enquiries to warrant the publication of such a circuit.

**T.J.B. (CULGOORA)**—It is either a fact that your valves do not function correctly or 55 volts, or that the connection to the coil is broken. If possible, have your battery and valves tested.

**G.P. (WAVERTON)**—Try three jars in series with 18 cap. carbon lamp in reg. lead.

**R.V. (NORTH SYDNEY)**—We are sending you a corrected copy of this circuit. Sorry for the delay, as there were no copies available.

**W.O. (HUNSTVILLE)**—Sorry we have no solution to your problem. Weather does somewhat affect reception, although not to the degree you mention.

**D.C. (BANGALOW)**—This is rather an unusual occurrence. Probably your acid is weak?

**E.W.L. (TARBE)**—You have tuned a "harmon" set. This is quite a common occurrence and may be tuned up half the station's wavelength or double it. Sometimes it goes even lower than the wavelength you mention.

**G.P. (PARKES)**—For your district we should advise you to build the Neutrodyne, appearing in the June issue of "Radio."

**J.R. (GLEBE POINT)**—See back numbers of "W.W." on how to add a stage of audio. Glad you are getting good results.

**NEW LISTENER (MORMAN)**—Probably Hialan BIE situated at Randwick.

**M. (MIRRA)**—Kindly see the June issue of "Radio." As you stated you have made a serious mistake in adding a potentiometer. From all accounts you have contacted it incorrectly.

**M. (SYDNEY)**—It is much against the policy of this paper to discuss the matter you want cleared up. Ask your Radio dealer.

**X' (NEW PAIR, BRIS.)**—You are asking for a lot for a three valve receiver. Although we will not guarantee the results you ask, we recommend the Bioscopic Coil Receiver. Remember the volume will not be as great with this as the others you mention.

**P. BROS. (BRIGHT, VIC.)**—Refer to "W.W." for component parts. The coils are manufactured in Sydney. Valves you mention should be quite OK. We advise the use of 30 volts, or more, for the Solodyne.

**BIGINRR (DINGOG)**—(1) (Approx.) A

(2) 3 to 4 months.

(3) In the long run; yes.

(4) Yes.

**A. (LARGONA)**—Please send us your full name and address.

**W.F.M.**—I think not, but write and ask this query to A.G.C.

**R.D. (ASHFIELD)**—Sorry, but we have no ropes left. The only way to receive the secondary instructions would be to see a friend who has a file of "W.W."

**R.B. (NEWTOWN)**—If you carefully follow the instructions given, you will have no difficulty in either coil construction or Battery connection.

Coil windings, on 16 Prt. 55 Sec and 25 Reaction.

**S.S. (TOOWONG, BRIS.)**—The Circuit Coil Kit has an Aerial Coil that is in "Auto Coupled" mode. If tapping points are taken off the secondary, either one of these A's represent the Aerial. The Earth connection is taken from the E marking on the same Coil. As this set is remarkably selective, no trouble should be encountered in cutting out 440.

**L.D. (GOOLAROO)**—If you wish to go farther ahead with the Hamil crystal set, it would be just as well to write to Sydney for your former. However, being that you have attained such wonderful results with the other set you mention, I would certainly stick to it as well as the Hamil is a wonderful receiver, we could not guarantee the results you got with the first-mentioned set.

**G.G. (SILKSTONE)**—30 volts will be required to get the amplifier stage satisfactorily. No extra "A" battery is required. See back copies of "W.W." of "How to Add a Stage of Audio."

**G.M. (GRAFTON)**—The instructions you require to Super-Heterodyne are not available. See "W.W." of 17/4/27 for instructions on frame Aerial. Your other query was answered in a previous issue.

**H.H.L. (THIRROO)**—Sorry, we can't oblige.

**M.D. (ST. PETERS)**—Hatched aerial and such kind of "W.W."

**F.S.P. (ASHFIELD)**—The condensers you mention are 5000 p.f. (up to 5000 for tuning). Do not forget that by adding a condenser of higher capacity than stated, the winding of the coil to be tuned must be loosened, and vice-versa.

**R.S.H. (NYMAGEE)**—Write any "Component" question to "Wireless Weekly."

**QUERIES PAGE**

**J.M.D. (KIRAMA)**—I am sorry I can't help in this matter.

**A.L.B. (ALBERTON)**—Q: What is meaning of "Aerial"?

A: Difficult to control.

Q: What is disadvantage of long aerial in country?

A: None, provided under 150 feet.

Q: Will cutting 20 feet off 120 aerial affect volume?

A: No.

Q: How long will tubes last if used 20 hours per week?

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A: Signals picked up by wiring of set near from aerial obviously interfering with reception.

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