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NUMBER 18



Friday, August 26, 1927.

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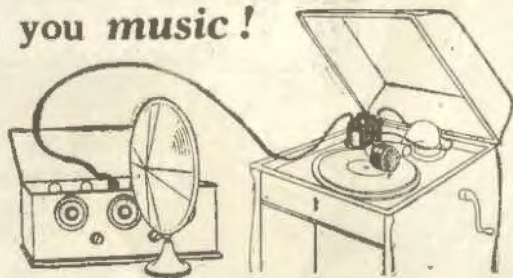
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# WIRELESS WEEKLY

VOL. 16, No. 18.

FRIDAY, 24th AUGUST, 1927.

## *Should Stations be in the City or Country?*

**T**HE subject of the proper location of Broadening Stations has received considerable attention of late. The discussion has centred round the point as to whether the stations should be in the city or in the outskirts.

Some authorities condemn the practice of erecting stations in the city or settled parts of a city area. Others suggest the grouping of all the stations in one centre—in or outside the city.

When the Australian stations were erected there was scarcely any precedent to follow, and very little experience available, both in regard to the design of the station and the selection of the best site for its location. In America, where the greatest development was taking place, the principal stations were located in the cities. The reasons for deciding on such locations were manifold; but principally to provide the station complete with its studio in one building. The necessity or advisability of having the studio in the city was obvious. It would not do to ask artists to go out of town to studios, if the studios could be kept in the city as the theatres were.

Thus the selection was not made on strictly technical grounds; expediency and compromise played a large part.

In England, also, the matter was dealt with on somewhat similar lines. Witness the first Marconi station on Marconi House in the Strand. That station—the first 2LO—was subsequently shifted to Selfridges, in Oxford Street; mainly to enable the B.B.C. to obtain additional studios.

Research in the field of signal strengths showed that the city was not always the best place for a station. If the city contained high buildings with masses of steel—as in lower New York City—a considerable amount of absorption accompanied the transmission. The metal work in the buildings absorbed some of the energy—and the useful energy—the “field strength” was consequently diminished.

The tendency, therefore, became in favor of shifting the stations away from such obstructions.

It was found that by shifting the station to a suburb of the city a new difficulty was encountered. The field strength was certainly increased by eliminating the absorptive effects of the city metal structures; but the increase of the field strength actually proved to be a mixed blessing. That is for listeners who desired to receive other stations than the one brought to their suburb. The local station was so “strong” that selectivity was seriously interfered with. The near station was too “loud” for the usual type of receivers to tune out. The sets were choked or blanketed; the signals from the station were so strong that it was impossible to tune them out except by the employment of a specially selective set.

These discoveries led to further investigation and research, and ultimately it was agreed that the location of the station should have a distinct relation to the density of dwellings. In other words, the signals from the station should be so strong and no stronger throughout the settled areas.

Such a determination is not an easy one. The signal strength cannot be of the same intensity in every suburb differing in distance from the station. This fact is well-known to Melbourne residents of various suburbs who tune in 3LO.

It is necessary to decide what amount of signal energy is necessary for average reception conditions—how “loud” the station should be; and when will it become annoyingly loud. That condition for the nearest and most distant suburb should be determined. Then the location of the station can be determined on some scientific lines. There are other factors, of course, such as the availability of power supply, etc., to be considered.

# Catching Up with the Wireless World.

By R. E. CORDER.



"FACES can now be transmitted across the sea by wireless."—News item. There are several we should like to recommend for treatment.

A SERIES OF TALKS which were broadcast from Hull were described as being of particular interest to Yorkshire folks. They all consisted of advice on how to be thrifty.

RAE: Did your wife assist in connecting up your new radio?

DIO: Yes; I told her to ground it, and when I came home she complained that she had a hard time to dig a hole large enough to accommodate the set.

AN IMPORTANT STEP in the direction of short wave broadcasting to the Dominions is to be attempted some time this month by Mr. Gerald Marcase (G2NM), the well-known Caterham amateur, who will begin experimental relays of the B.B.C. programmes on wavelengths of 25 and 33 metres.

THE POSTMASTER GENERAL has provisionally approved of the scheme with a view to determining whether or not a regular broadcast service to the Dominions can be efficiently maintained. Only lately Mr. Marcase's transmitter has been rebuilt, a new power supply being installed. Marconi rectifying and transmitting valves will be used.



WHEN Clifford Roberts was found guilty of stealing wireless parts to the value of £43/11/2 at Welverhampton, Eng., a short time ago, his defending counsel pleaded that it was simply a love of wireless that had made his client commit the offence. The magistrates, who were unmoved by this tender appeal, sentenced Roberts to three months' hard labor.

"NEW WIRELESS JAM" runs a headline in one of our daily newspapers. We hope it's not a raspberry.



ONE of our readers broke a record the other day; he got so excited while listening in that he knocked over his tea-tray—and heard China.

*Mamma's pet, two valve set,  
Birthday present, very pleasant.  
Every night, valves alight,  
Here we go, S.L.O.  
Pet tenses in, fearful din,  
Neighbours swoon, tear their hair,  
They decide, in their ire,  
Throw up weight, bust his wire!  
When brick fell, underneath  
Was Mamma's pet! (read a wraith).*

AN OLD GENTLEMAN wandered into Broadcasting Station 2BL this week and addressed himself to Uncle George: "I have just bought a 5-valve radio set," he remarked, "but I can't blow out the valves, and I've tried over and over again." Uncle George remarked that he was to be congratulated, as it often happened that beginners, through ignorance, did blow out their valves and had to purchase new ones. "But," said the old man, "I have blown you blown and blown at them and they won't go out." "The only way to make them go out is to switch off the set," Uncle George's mind went back to the time when unsophisticated persons used to blow out the gas before going to bed, but the old gentleman was perfectly serious, so Uncle George explained the matter.

THE COLUMBIAN GOVERNMENT just lately has concluded a contract with a foreign corporation for the installation of a complete broadcasting station with a range of 300 Kms. at Bogota. The international call letters assigned are HJH-HKZ.

A RESIDENT in Frinton supplies about two hundred fellow residents with radio broadcasting at a fee of two-and-sixpence each per week. The houses are scattered over a very small area and are connected up by one wire, and the results are said to be very satisfactory.

IT HAS BEEN reported that a well-known firm in London have just introduced a radio burglar alarm. When Spitzzy breaks in, a local battery operating a small transmitter (600-800 metres) automatically works a five or six valve receiver up to a distance of 50 miles, making a terrific buzz from a loud speaker. Truly, 'tis a hard life for a burglar in these modern days.



5CL LISTENERS recently heard a remarkable series of sounds produced by the aid of a new super-sensitive instrument, which records sounds ordinarily inaudible to the human ear. By its agency the sounds made by a number of watches and clocks were heard. The sounds of the machinery and movements in a cheap pocket watch sounded over the air like a machine shop in full swing. Altogether twelve different types of clocks, musical clocks and a cuckoo clock. The final item was the broadcasting of the sounds made by the movement of the Adelaide G.P.O. clock.

# Broadcast Sounds beyond Ordinary Ears

**THREE COCKROACHES**, caught at station 4QG, were made to walk across a sheet of paper in front of the microphone one night a week or so ago, and the shuffling of their feet was a noise which when amplified many thousands of times astounded most listeners. One roach placed his light feelers on the microphone and so great was the resultant volume of sound that the balance of the reproduction was completely blotted out. One shudders to think what sort of a noise would have been heard if the studio announcer had trodden on a cockroach.

STATION 4QG has at all times endeavoured to lead the way in regard to novel transmissions, and one item broadcast from the Queensland station some little time ago is worthy of very special mention. Many of us, while hearing countless sounds every day, realise that in addition to the sounds which we hear there are thousands and thousands of sounds created daily which we do not hear.

These sounds are nevertheless quite definite sounds, and the only reason why we do not hear them is because the human ear is too weak to detect them. For instance, a fly walking across a sheet of paper or across a table, creates quite a definite sound. The ear is too weak to detect this sound, but, nevertheless, it is so.

The microphone, the small instrument which is used for broadcasting is, however, nothing more or less than a mechanical reproduction of the human ear, but it is much more sensitive. Sounds which the ear cannot detect are quite easily reproduced by a microphone, and when these are amplified some startling results are secured.

To go further, if some of the "sounds we don't hear" are reproduced by a microphone, amplified, and then transmitted by wireless, not only do they become audible but they become audible to countless numbers of people over very large distances.

Some little time ago a special super-sensitive microphone was designed and constructed by the engineering staff at 4QG. This microphone was used in conjunction with an amplifier and quite a number of sounds which are not audible to the human ear were broadcast.

Prior to the broadcast, a detailed description of how the microphone operated was given and then listeners were able to hear quite an unusual number of sounds.

## The Three Pioneers

*Now Horace, Charles and Cuthbert were  
Cockroaches—one, two, three,  
Though very small, their job  
was large  
At Station 4QG.*

*Beneath a tumbler tense they sat,  
Apparently at ease—  
(I wonder did they feel at all  
Peculiar at the knees?).*

*A special "mike" confronted them,  
With powers many score  
Of amplifying the faintest sound  
Into a mighty roar.*

*They waited thus with quivering wings  
The Announcer's unheard sign,  
And then—assisted from the rear—  
Roach Horace toed the line.*

*Afar in distant U.S.A.,  
New Zealand and Japan,  
The earphones quivered at the din,  
Their owners cut and van.*

*At 2FC and SLO,  
And also 5CL,  
Loud speakers howled ferociously  
With long and hideous yell.*

*And then upon a paper course  
Each cockroach took his turn  
To help make radio history  
For later "fans" to learn.*

*A final word of 4QG,  
Who worked this wondrous thing—  
They sure deserve a vote of thanks,  
So let the welkin ring.*

—M.C.  
Sydney.

First of all the ticking of an alarm clock was reproduced and amplified until it sounded like the working of a marine engine. An ordinary pocket watch was treated similarly, and then a wristlet watch.

The next transmission was even more interesting. An ordinary sewing needle and threaded with cotton was drawn through a piece of cloth and the noise it created was quite terrific. The announcer next signed his name and the station's call sign on a sheet of paper and the reproduction of this sounded like a thunderstorm. A piece of paper was cut by scissors and sounded like a liner ramming an iceberg.

Three cockroaches, caught in the station, were then made to walk across a sheet of paper and the shuffling of the feet was a noise which astounded most listeners. One roach placed his light feelers on the microphone, and so great was the resultant volume of sound that the balance of the reproduction was completely blotted out.

The final demonstration was a reproduction of the noises in the building and was quite as remarkable as any of the others. The transmission with its description lasted for half an hour and held spellbound listeners in all parts of the Commonwealth. The success of it was really due to the ultra sensitive microphone which was a product wholly and solely of the engineering staff at 4QG.

5CL, ADELAIDE, has also experimented with the broadcasting of sounds beyond ordinary hearing. A special "mike" has been constructed, and programmes similar to those broadcast from 4QG have been heard by South Australian listeners.

# The Safety Valve

Readers are urged to express their opinion on matters pertaining to broadcasting. If you have some grievance, if you have some constructive criticism to offer, here is your chance for expression—your safety valve. The editor assumes no responsibility for statements made by readers and published on this page, as opinions of correspondents do not represent our editorial policies or beliefs. Anonymous letters are not considered.



## RADIO HOBS.

Dear Sir,—Mr. Jack Blair's plea for the practical extinction of church services is so indefensible that I suspect he is merely casting his line for a "bite." However, let us take him seriously, for there are enough radio hobs—as there are road hogs—whose sole "creed" is self, to secure a certain backing for his suggestion.

He argues that city folk spend their Sundays out of doors. If so, where is their need for radio? You can't take a four or five valve set wrapped up in your towel to the surf, or hung over the back of the tram, to the beach. Certainly it is not these people to whom church services appeal, but even in this jazz age, there are those who find their comfort, joy and inspiration in religion. It is not always possible for them to get to church. Sickness, family cares and home duties often intervene, and to these people, radio is a magic gift which fills a void in their lives. I am thinking of two ladies, one in Sydney, one in Melbourne, who were ardent church-goers till sickness kept them almost permanently to their homes. One is an invalid, and it was not the pain and suffering that hurt most, but the blotting out of Sunday services. Now radio has transformed Sunday for both of them to a day of joy and thanksgiving. Cut out church services and you cut out from the lives of these two, a beautiful gift, a vital star in the darkness of their suffering.

After all, the church services do not occupy many hours in the radio week.

Yours, etc.,  
H. R. ASHTON.

Lane Cove.

## ONLY A WOMAN.

Dear Sir,—A Mr. Blair, of Drum-moyne, complains that there are too many religious services. He says that for two years he has held his penes. It is a pity he does not still do so.

He should remember he is not the only one who pays his license and if he does not want to hear church services he is not obliged to. Perhaps he would like to hear more sport, such as boxing and racing. We get this all the week, yet we don't say

anything. What of those who are unable to go to church and look forward to listening to the church services? I think he is very selfish.

Perhaps he hears some remarks that prick his conscience, or is one of the jazz class. I have spoken to several of my friends who have sets and they all say they enjoy the church services. Mr. Blair also says that people prefer to spend their Sunday out of doors, but what about those who cannot go out? He should remember he is only one of many. I hope some older men than mine will take this matter up. I am only a woman, but not a wowerer.

Yours, etc.,  
MRS. FARLEY.

Anandale.

## COUNTRY VIEW.

Dear Sir,—I heartily agree with Jack Blair about the monotony of Sunday nights' programmes. There is the same old toman everywhere you switch on to, and on these nights at least 2GB come into their own.

Professor Ernest Wood's lectures are a refreshing change, and when he finishes, wireless finishes for me, for the night.

I know of two men in this town whose business keep them away from home till late every night except Sundays. Both these refuse to buy sets, as they say that all they could look forward to was religion. Why not have Sunday night a "Silent night" for all the big stations and allow the amateurs to thoroughly enjoy themselves chasing distant stations? To do this now we have to tune madly to find a stranger before the big covers come on at 8 p.m.

I am in a country town where more than two-thirds of the population never set foot inside a church, but his native nature being as it is, if I dared to express my views openly, these same people—many of whom are my customers—would be scandalised, with consequent ill effects for me. May I, therefore, ask you not to publish my name or address.

## NOT A DEMOCRAT.

Dear Sir,—I hasten to add my support to Mr. J. Blair's criticism, on the superabundance of religion in our programmes. It should be cut out of the broadcasting programmes altogether. People who need it should either go to church, or run their own station, as the Theosophists do.

Evidently Mr. J. Blair has forgotten that a ballot conducted by a newspaper some time ago, favored religious items, therefore station managers who are democrats give the public what they want, especially since such programmes are cheap.

This brings me back to my letter recently attacking the idea that a station should be conducted on democratic principles. Frankly I have a very low conception of the mass mentality. They are incapable of intelligent judgment.

I would much prefer the tyranny of the individual dictator of a station, than the tyranny of the mass; we could deal with him if his tastes were as low as theirs, but their tastes are hopeless judging by request items.

My opinion is that the manager should consult himself; if he is big enough he will make the station popular, as well as of a higher standard than at present. Now you democrats and pious stalwarts, what have you to say to Mr. Blair.

Yours, etc.,  
J. CLIFTON BASSETT.  
Waverley.

## CITY VIEW.

Dear Sir,—Re Mr. Blair's letter ("W.W." 29/7/27) regarding religious services being broadcast, as a city resident I agree with Mr. Blair's suggestion. Church services might benefit the country listeners, but then could not the broadcasting companies arrange as "Fed Up" suggests in ("W.W." 5/8/27) to broadcast church services every alternate Sunday? I think that this method would please everybody. As for myself, I never tune-in before 8.30 p.m. on Sundays, and many that I know do likewise.

Yours, etc.,  
J. W. BOLAND.  
Haberfeld.



# 3LO has Special Arrangement with PCJJ

By H. ELLO

WE are likely, if all goes well, to have a fairly regular service from Eindhoven, Holland. The trouble previously was that the station in Holland believed that the only possible time for it to broadcast was at such an hour that we could only receive in the small hours of the morning.

3LO entered into a special arrangement with it, so that its subscribers could get the thrill of long-distance that it should attempt to communicate by sending the sounds across the Pacific, instead of through the more direct route by way of India. To get the darkness necessary, Holland had to broadcast just when it was getting light, and we received it about middle afternoon when it was darkening for evening. The results were excellent for the most part, though we have not yet learned to distinguish broken Dutch, word for word.

The music, not being broken, came through excellently. "Rose Marie" was chosen. 3LO is in communication with the station at the present time, negotiating for a regular service.

## PRINCE VISITS 3LO, MELBOURNE.

An outstanding event at 3LO, Melbourne, has been the recent visit of His Royal Highness, Prince Parachatra of Siam, whose charming personality created a bond of affection between the people of Australia and the subjects of His Majesty, The King of Siam.

Prince Parachatra broadcast a learned and fascinating talk from 3LO, Melbourne, which was greatly appreciated by millions of listeners throughout Australasia and the thickly populated islands of the Malay Archipelago and the Pacific, as well as in Southern Asia. He also visited the transmitting station of 3LO at Braybrook, near Melbourne, and, being an eminent engineer and scientist, naturally delved deeply into the intricate details of the plant at this—one of the largest and most modern wireless stations in the world.

Verily, wireless is becoming a great and permanent link between the peoples of the earth. Nations are no longer insular, but by means of wireless communication are kept in close and constant touch with each other, and by understanding the ideals of people who have hitherto been looked upon as foreigners in remote and strange lands, will now be regarded as neighbors, thus binding the ties of friendship and assisting in maintaining a great and lasting peace amongst all races.

## "EVERYBODY HAPPY? THAT'S THE IDEA."

Listeners to 3LO, Melbourne, one evening recently heard broadcast a message from Rupert Hazell and "his little grandmother"—Elsie Day. Rupert was, without a doubt, the most successful radio comedian ever broadcast in Australia, and perhaps in the world. That is saying a lot, but it is generally acknowledged by listeners everywhere.

3LO, Melbourne, has received a letter from Mr. Hazell, who, with Miss Day, is touring South Africa with considerable success. They are "just dying" to get back to Australia to broadcast again from 3LO. Listeners will be interested to read Mr. Hazell's letter, of which the following is a copy:

"The fame of 3LO has spread to the remotest corners of South Africa. We are very proud of having been associated with the great Melbourne studio, and use the photograph with the 3LO microphone with most of our publicity. Our broadcasting engagement in Melbourne was without exception the happiest professional experience we have ever had, and the more we see in our travels the more we are convinced that 3LO is the

best station we have heard. May I trouble you to convey our heartiest wishes to all listeners-in? We look forward with happy anticipation to the day when we shall again meet our friends over the air."

One can almost hear the echo of Rupert's cheerful greetings as well known to listeners.

"Everybody happy—that's the idea."

AN OUTSTANDING EVENT at Studio 3LO, Melbourne, will be the revival of "The Merry Widow" on Monday evening, September 5th, under the direction of Mr. W. G. James. This popular musical comedy will be produced by Mr. Alfred Andrews and his popular co-announcer at 3LO, Mr. Maurice Dudley, will also take a part in the production. Mme. Saffo Arnav is included in a strong cast, and there will be a chorus of 40 members of the Melbourne Choral Union, together with a full orchestra.

Queen Wilhelmina of Holland and Princess Juliana before the microphone of the Phillips short-wave transmitting station PCJJ, Eindhoven, Holland.



# It's All in the Air

Coming Features in the  
Broadcasting Programs



Miss Molly Mackay.  
(See paragraph below.)

ONE OF THE most delightful sopranos that has been heard from Studio 3LO for a considerable time just is Miss Molly Mackay, a protegee of Mr. Walter Kirby, who "discovered" this talented young vocalist during a recent concert tour in Gippsland. Until she came to Melbourne—where she is now studying under Mr. Walter Kirby—Miss Mackay had been receiving singing lessons from her mother—a well-known Gilbert and Sullivan artist, and, at her first Melbourne concert, created a very good impression in musical circles. Being a coloratura soprano, the songs that are the best adapted to Miss Mackay's voice are of the more brilliant type, "Lo! Here the Gentle Lark," "The Shadow Song" from "Dinorah," and the "Waltz Song" from "Romeo and Juliet," all of which will be much to the liking of listeners.

**5CL CHARITY BALL!** The ball organized by 5CL to assist local charities in connection with the annual Adelaide Charity Carnival, is to take place on Wednesday, August 31. Dance music will be provided by the Maison De Dance Band at the Gleneig Palais.

**5CL'S WELL-KNOWN ENTERTAINER,** and perhaps the most popular, is Mr. F. J. Mills ("The Twinkler"). A cheery soul this, and one whose humour is natural and not forced. In personal appearance he is so genial as his voice over the ether would lead one to believe. When he enters the studio premises the whole atmosphere changes, and it is a constant source of worry to the personnel how to manage the crowd of young people who arrive at the studio to see him. The Twinkler Boys' Club is increasing daily in numbers, many boys from the outback being entered on the membership roll of the club.

**IMMEDIATELY** after 8 o'clock on the evening of August 31st listeners to 5CL will have an opportunity of hearing a description by Professor Gravotte of his experiences on the planet Mars. Many listeners who heard the description of his departure from the earth have written asking for his early return, and it is with the idea of meeting the requests that the special "stunt" broadcast has been arranged.

It is surprising to hear that reports have been printed in European papers of several of 5CL's stunt transmissions. Considerable interest is taken in Europe of events in Australia, but this is the first time that considerable space has been devoted to a description of one station's stunts.

**CONSIDERABLE** interest was caused recently in England by the B.B.C. broadcasting a "running description" of the eclipse of the sun. The broadcasting of this phenomena was considered an epoch-making event. It is interesting to note that nearly two years ago 5CL broadcast a "running description" of the partial eclipse of the moon, as seen in South Australia.

**ON SUNDAY, August 28,** a special musical treat has been provided for listeners at Studio 3LO, for Professor Bernard Heinz is about to introduce a new musical trio, consisting of violin, piano, and cello, which will be heard in various instrumental trios, duets and solos. The outstanding excellence of the musical programme that is broadcasted from Studio 3LO on Sunday nights is too well known to need any further comment in these pages, and this trio, which has attained to a speechily high standard of artistic finish, will be a welcome addition.

**ON MONDAY, August 29,** another concert of the University Conservatorium will take place, consisting, as is usual on these occasions, of first-class vocal and instrumental music. Judging from the great number of letters which have been received in connection with these concerts, they are steadily gaining in popularity, and 3LO is to be congratulated upon their efforts to present classical music in such an agreeable and fascinating fashion.

**A UNIQUE CONTRIBUTION** to the broadcasting programme of Studio 3LO comes from Dr. Nyulnay, who is about to give a series of readings from the poet, Alfred, Lord Tennyson, and these are to be "illustrated" by musical selections played by the Studio Orchestra. Although Shakespeare, Longfellow and Byron have been given over the air from time to time—it is the first occasion that Tennyson has been broadcast by 3LO, and the series will be awaited with keen interest by all lovers of literature. To those listeners who know their Tennyson well, the opportunity of hearing such well favored poems as "Locksley Hall," "The Lady of Shalott" and "The Charge of the Light Brigade," illustrated with musical selections, should afford especial delight.

**FEW PEOPLE** are more welcome at Studio 3LO than Jack O'Hagan, the singer of light baritone and popular ballad numbers. Sir O'Hagan is one of the extremely few artists—so few that they might almost be counted upon the fingers of one hand—who succeed in conveying that subtle something known as "personality" over the air. Whether he is engaged in singing his song, or rendering it in monologue style—his enunciation is perfect, and not one word need be missed by listeners. His contributions to the studio programme are always greatly enjoyed, but more especially when they happen to be of his own composition, and it is little wonder that these songs leap into popularity after they have been sung once or twice over the air.

**PIANISTS** who enjoy hearing the works of the great masters interpreted in a skilful and thoughtful manner, will be glad to know that Mr. Elvins is once again due at Studio 3LO to give another of his intensely interesting recitals. As is usual on these occasions, Mr. Elvins will precede each selection of his recital by a brief explanatory talk, setting forth the aims and objects of the composer, so that listeners who have not had the advantage of a classical musical education, may follow the recital with intelligent interest.

**A NEW WIRELESS** station is shortly to be erected at Croydon Aerodrome, England, to supersede the present installation. Messages will be received and despatched over a much larger area than is possible to-day.

## Wrestlers as Uncles

Nothing seems more incongruous than the spectacle of giants whom we have seen in the ring, wrestling ferociously, changing into gentle storytellers, transmuted before the microphone into little lambs, roaring "as gently as any sucking dove."

We have recently had this experience with Al Karasick. I had a mental picture of these men, a picture heightened by my friend McCane. I thought of them as physical brutes, low in the brow and with great diaphragms like arches of Victory.

Nothing could be further from actuality. Al Karasick, for instance, is going to talk through 3LO on books. He is a voracious reader, and passes his leisure time with the classics. When I heard that he had told the kids Russian fairy stories and had actually sung them a little Russian lullaby, I felt like challenging him to wrestle. I always thought I could wrestle a bedtime-storyteller. Now I'm not so sure.

Al is very popular with the children, and he gets more "fan" mail than an actress. I shouldn't wonder, when the wrestling season is over, if he were retained permanently to amuse the infants.

Another wrestler, about whom I have had to readjust my idea, is Sam Clapham. He is a medical student, who just missed getting his doctor's degree because there was offered to him a wrestling engagement, he couldn't "pass up." Sam is a bit of a scholar, and when he gets a hammerlock on some scientific treatise, he never gives up till he has it on the mat. He is going to give a series of talks to 3LO customers.

**MUSIC COMPETITIONS.**—One of the most successful of music competitions was Cliff Clegg's musical letter. A feature of the great number of replies received was the remarkable accuracy with which the blanks in the letter were filled in. The announcer read the letter, and Mr. Clegg filled in the blanks with appropriate popular melodies. A competition on similar lines was held on Monday, 22nd August.

**AERO CLUB DINNER.**—Memories of the famous Cobham Speech, broadcast through 2FC, were revived when Major de Havilland and members of the British Flying Commission at present in Sydney, spoke from the Aero Club Dinner, held at Farmer's, on Wednesday, 24th August. The speeches were broadcast by 2FC.

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Na-ald 3 Gang Cond. 65/-  
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Burgess, 45 Volt .... 26/-  
Columbia, 45 Volt .. 25/-  
Everbest, 45 Volt ... 25/-

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1½v. Columbia, Dry Cells.  
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## 3LO Audiences : "MIKE" of 2FC

3LO is the only broadcasting station in Australia, and one of the very few in the world, to admit an audience to its studio sessions. It does this deliberately, because after considering the matter exhaustively from every possible aspect it is convinced that the resonant effect of a reasonably large audience is far superior to any other acoustic contrivance. The "mass action" of so many persons is conducive to better broadcasting.

This has been proved both by tests in the studio itself, and by long and varied experience in transmissions from concert halls elsewhere. In fact, any listener who is used to the matter can tell very closely whether the audience is more or less large. The dance music on Thursday nights at 3LO, for example, sounds much richer and fuller than exactly the same orchestral performance towards the close of the session on other nights of the week, mainly because on those other nights the audience usually begins to dwindle after 11 p.m.

### Value of Audience.

There is, however, another aspect, namely, the value of an audience in relation to performers. Here we get on much more debatable and erratic ground. Performers used to small audiences, drawing-room artists, non-professional bodies such as church and other choirs, usually appreciate the proximity of a studio audience, whereas artists whose venue is the concert platform or stage in large halls and theatres vary greatly in their views on this matter. Some of them most emphatically object to the obtrusion of persons on the same level as themselves, and only a few yards away, with no effective barrier, such as the footlights and the orchestra, and the dimming of the body of the hall, all of which create an effectual demarcation between performer and audience, and give the artist that feeling of personal isolation on the stage, which many of them need for their best effects.

### Distractions.

Still another consideration frequently obtrudes itself as a matter of the daily experience of 3LO, and that is the unsympathetic attitude of some of the audience, when an item uninteresting to them is being performed. Whispering and giggling are most distracting and annoying to many talkers and lecturers, and although 3LO endeavors to inculcate a higher

standard of etiquette in this respect among its audiences, still the mischief is more quickly done than remedied. Even the announcers of 3LO, popularly supposed to be hardened by long experience, are occasionally forced to exhibit irritation and annoyance at unseemly sounds and movements in the audience, some of whom become migratory in the middle of an announcement, and others wriggle and giggle in a way much more disconcerting in the bright light of the studio than in a darkened hall.

Hence it will be seen that 3LO's very effective method of securing a natural resonance has its attendant difficulties, many of which will doubtless continue to be the subject of very special attention in the new studio, where their elimination will probably be only a matter of time under the much more spacious and favorable conditions there prevailing. The heartfelt ejaculation of one announcer on a recent occasion that he would "ring their heads off!" finds as hearty an echo in the breasts of many performers, particularly those who have to sit in front of the microphone and deliver a talk. It is also a well-known peculiarity of two very popular performers of long stage experience at present appearing at 3LO, that they simply can't face the studio audience, and have to hide away right by themselves behind the piano, with their backs to the onlookers, or they get "all of a dither!"

Visitors to the studio of 3LO would do well to consider the above facts, and shape their conduct accordingly.

### LIFE'S 3LO.

(By C.K.)

I heard it said the air was full  
Of flying songs and words,  
I doubted the story for  
Apart from clouds and birds  
And butterflies and such like things,  
It always seemed the air  
Like Mother Hubbard's cupboard was  
Quite obviously bare,  
Not curious, I made a set  
And tuned to 3LO;  
The story proved correct, and I  
Rejoiced that it was so,  
The air that I had thought an bare  
Was thronged with song and speech  
And everything that one could wish  
To entertain and teach,  
And so was life; for it had seemed  
At times so empty, drear;  
With work to do, and books to take  
And nothing worth to cheer;  
But came along a sunny smile  
And somehow—don't know—  
I knew it sure that, like the air,  
Life had its 3LO.

VERSATILE, tolerant, with that sympathetic understanding of human nature and its weaknesses for which is Old Bill, the Studio "Mike." What is it—this spirit of the microphone? Mysterious, elusive, apparently unexplainable, yet when we first heard the voice from 2FC "This is 'Mike' speaking," after we had recovered from the shock of the unexpected, we appreciated the realization—it was our old friend, if not in the flesh, in the voice. How many listeners realise that the microphone can make or mar a programme? Last week, some wise head thought he had hit upon the explanation of "this mysterious whispering," and banished "Old Bill" to the Control Room for overhaul, thinking he had grown careless in his job, and was letting too much go through. Consequently his contemporaries were called on to do Studio duty. "St. Michael," the Church "Mike," had his clerical feathers ruffled on Monday night, with a heterogeneous conglomeration of sopranos, baritones, entertainers, and—ah, anatomy on the air—soubrettes. No one could understand what was the matter with the Studio—the atmosphere was positively electric, during the whole programme. If the artists had only been listening, instead of selfishly wrapping themselves in their own vain-glorious efforts, they would have heard "St. Michael's" plaint. From Divine Service to jazz—it broke his heart. Similarly "Yank," the American "Mike"; "Pompy," the Theatrical "Mike"; "Spruker," who does political speeches, and last but not least, the Race "Mike," had to take it in turns to do Studio duty. At the end of the week the artists waited on the manager of 2FC in a body, to know why it was the atmosphere of the Studio had undergone such a radical change, and the "Mikes" held a stop-work meeting. And "Old Bill"—the sympathetic, the tolerant—capable of handling irate sopranos, indignant contraltos, frivolous soubrettes, dignified lecturers, and most difficult of all, harassed announcers—slipped into his accustomed place on Monday night, 8th August. Now we ask you very confidentially, what was your candid opinion of 2FC's programme last Monday night? And—which is more to the point—why was it so attractive? "Old Bill" had come into his own! Everything went with a swing, everyone was happy, and "Bill" enjoyed himself too, even though it did take him two and a half hours to ask Melbourne listeners what they thought of "Our 'Arber."

# RADIO

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& NEW ZEALAND.  
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## ARTICLES IN THE AUGUST ISSUE

**GOODWILL PUBLICITY v. DIRECT ADVERTISING.**—By Garick Eisenberg, Director of Broadcasting of the Radio Corporation of the Philippines, in which the author discusses the much vexed question of Direct Advertising by broadcast. This is a subject that concerns every listener-in.

**THE MAN FISK.**—By F. W. Larkins, wherein are published for the first time many interesting facts concerning Australia's big man in wireless.

**FROM THEATRE TO HOME.**—By E. A. Burbury, Chief Engineer, 2FC, showing just how "outside Shows" are put on the air.

**WITH THE A.I.F. AT COLOMBO.**—Being further episodes in the career of the inimitable "Brasso," the ex-marine operator, who sets forth in this instalment some of the unwritten history of the A.I.F.

**RACING IS ALSO AN INDOOR SPORT.**—Len Andrews, in this article, explains exactly how race meetings are broadcast, and why.

**THE SUPERHETERODYNE.**—The Technical Editor gives full constructional details of the "Rolls Royce" of Radio Receivers.

**MATCHING INTERMEDIATE FREQUENCY TRANSFORMERS** for Superheterodynes. By Chas. D. MacLurcan, M.I.R.E. A masterly article of extreme value to superhet enthusiasts.

**THE HETERODYNE DETECTOR UNIT** for The Short Waves, by Owen Davies. An ex-British Navy radio man, Mr. Davies possesses remarkable knowledge of Super Het working. This article covers quite a new field.

**UNCLE JACK PRENTICE**, but lately returned from New Zealand, contributes an article entitled "ALL FOR THE LOVE OF JACK."

Other Writers in this issue are J. G. Reed (Filament Supply and Rectifier Problems), "Insulator," A. C. Robinson, Mrs. G. Mahood, etc. A host of other stuff too lengthy to enumerate.

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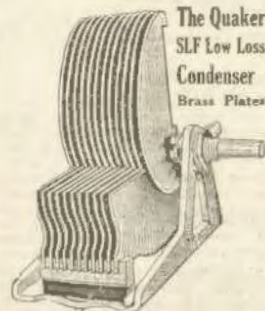
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Semi Fixed Crystal Detectors, with Glass Covers .....	2/6
Econotron Dry Cell Valves, UX199 .....	6/9
Econotron UX201A Valves	5/6



**The "ECO" Straight Line Separation Condenser**

For Single or Gang Mounting.

.00035, or .0005 ..... **10/-**

## Some "B" Eliminator Parts

As used in this week's Article ("Wireless Weekly"):

Bakelite Panel: Polished, 12 x 7 x 1-8 ...	3/6
Or Radion Panel: Polished, 12 x 7 x 3-16 ...	8/9
Jefferson Bell-ringing Transformers .....	12/6
Philmore 201A Valve Sockets .....	1/6
Emmocostada, 10 to 100,000 ohms .....	7/6
2 M.F.D. Fixed Condensers (Electrodyn) ..	7/0
Sungamo .002 Highest-grade Fixed Condensers .....	2/0
Baseboards, strengthened ends, 11 x 7 x 3/8	1/0



## How to Make an Inexpensive "B" BATTERY ELIMINATOR

THE wireless journals the world over are to-day featuring B battery eliminators; in fact, some are concerned with A, B and C battery eliminators. Most people agree that the biggest drawback to wireless is in the B batteries. Unfortunately the B battery is blamed for more troubles than really can be traced to its door.

That old and worn out B batteries are a source of continual trouble is true, but, frankly speaking, the cost of renewals is that which most people balk at. This is hardly fair, for when one comes to consider that £2/10/ is the cost of 90 volts of a good B battery, which lasts on the average of 6 months. Say, used on the average of 3 hours per day, we have approximately 540 hours' life for 90 shillings, or, roughly, 10 hours for one shilling.

The drawback is that the batteries need renewing always at the time the gas bill, the electric light bill and the rates fall due. How true this is, the reader himself knows.

Yet B batteries have been popular with a number of people, and as these may be recharged they are one solution of the problem. But there are those who claim that the recharging is a nuisance, and again they are faced with the alternative of having to purchase a suitable charger, or

send or take it to a battery charging station.

This brings us to the subject of B battery eliminators. It seems the ideal to simply plug into the electric light socket and take such power as is necessary to feed the plates of the valves. Unfortunately the alternating current which is supplied to our homes is not suitable for this purpose without some modification. Direct and not alternating current is required, therefore the A.C. has to be rectified to D.C. There are several different methods of rectifying A.C., but the most popular at the moment is the valve type. You know how the valve rectifies, and you also know how the Tungsar bulb rectifies for charging accumulators. A special valve is used for the average B battery eliminator, this valve being known as a Raytheon rectifying valve.

For our purpose an ordinary UX201<sub>2</sub> valve is all that is required. The eliminator depicted here is only a simple, small one, suitable for from 1 to 3 valves and no more. On actual test a three valve set was delivered with 100 volts maximum and operated nicely without any trace of hum.

To suit larger sets a more elaborate arrangement is necessary. Being more elaborate it necessarily follows that it will be more expensive. Some other time we will give details for this bigger eliminator, but for the present let us be happy with this little fellow.

The greatest difficulty to overcome with any eliminator is the presence of the 50 cycle A.C. hum. This must be filtered out. To do this large capacity condensers are needed. In this little model two 4 mfd. proved adequate, although perhaps in some instances two 2 mfd. will suffice. In the larger types as much as from 16 to 22 mfd. are used, and this makes an eliminator very expensive. The writer has in front of him now the parts for a larger type of B battery eliminator, and the fixed condensers alone cost £3/7/6. The whole unit for this small job cost less than this. Let us consider the parts and the cost.



1-Bayonet Base Button Holder .....	£0 1 5
1-Jefferson Bell Ringing Transformer .....	0 31 0
4-2 mfd. Imperia Condensers .....	1 2 0
1-Valve Socket .....	0 2 4
1-.002 Ingrid Fixed Condenser .....	0 2 0
1-30 ohms Rheostat .....	0 3 0
1-Bradleyohm No. 10 .....	0 15 0
1-Dilleco or Radion Panel 12 x 7 x 4 .....	0 7 0
<b>Total .....</b>	<b>£3 5 9</b>

No consideration has been taken of the valve or the audio frequency transformer. Most of us have a spare valve at home, and also an audio frequency transformer with a broken-down primary winding—burnt out primary most people call this sad state. The secondary of an average 5 to 1 ratio transformer is a suitable substitute for the usual expensive 80 heavy choke. Although the parts listed have to be purchased, this applies only if the constructor hasn't a "junk" heap large enough to supply these parts.

It is admitted that the Bradleyohm No. 10 is somewhat expensive, but if this is not available one of the many types of Emmeccostads will suit, and they are only half the price. The Emmeccostad, which has a range of from 10,000 to 100,000 ohms, is the correct unit. The idea of using the Bradleyohm or Emmeccostad is to make a separate provision for the detector valve. If the receiver employs a stage of radio, detector and one stage of audio then connect the radio and detector valve to the detector B positive terminal for a start. It may sometimes be wise to join the radio tapping to the B positive audio tap, but this can be learned only by trial.

Still the construction presents little if any difficulty. The front

view shows the appearance of the completed panel, which is 12 inches long by 7 inches deep. On the left is a standard rheostat, and on the right is the Bradleyohm 10, which gives the separate tapping for the detector voltage.

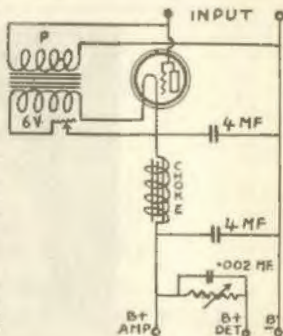
The detector voltage is varied by means of the adjustment of the Bradleyohm. As low as 22½ volts is obtainable, and up to 80 volts, this range being sufficient for most purposes. The rheostat included is not absolutely necessary, being a refinement only, the eliminator functioning quite well without it.

The front panel view shows the rheostat on the left and the Bradleyohm on the right. Three terminals on the extreme right are for the output, the top end being convenient for the B negative, the middle one for the B positive detector, and the bottom one for the B positive audio valves.

Looking at the two circuit diagrams it will be seen that both are similar. Across the secondary of the bell ringing transformer in one diagram is a potentiometer. This is another refinement and is only necessary if A.C. hum is pronounced. For our purpose the circuit without the potentiometer is being used. Compare both circuits for a few moments.

Having all your components at hand, begin the construction. Examine the bell ringing transformer. On one end will be seen two heavy electric light wires, one white and one black. On the other end will be seen three terminals, and on looking closely you will find that the first two on the left, that is, the left hand and the middle terminal, are marked 6 volts. These are the two which interest us.

The panel layout is simple in the extreme, but still a diagram is provided as a template. Drill the panel, not forgetting the necessary holes to

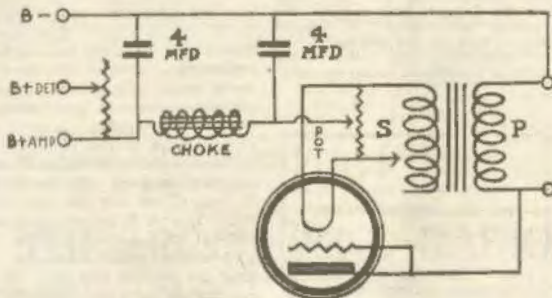


allow the screws to pass through to hold the panel to the baseboard. Mount the rheostat and the Bradleyohm and the three terminals. Fix the panel to the baseboard and lay out the baseboard parts.

The plan view will show this. Note the bell ringing transformer on the left near the rheostat. Behind again is the bayonet base batten holder, an ordinary electric light socket for baseboard mounting—you know the type of thing used at home to hold the red or pilot lamp for the iron point—that is what is wanted. As no 4 mfd. condensers were available, the writer had recourse to four 2 mfd. condensers, and they are seen at the back of the baseboard.

The valve socket is between the bell ringing transformer and the audio transformer. That little fixed condenser between the valve socket and the panel is the .002 mfd. Pilot condenser, which is connected across the Bradleyohm. Lay out the parts as suggested in this view and begin wiring.

Spaghetti covered wire is advised here. Begin by connecting the two heavy electric light wires to the batten holder. Unscrew the shade ring, then the clamping ring from the brass portion of the batten holder. The porcelain insulating material will then be on view. Look closely and you will see the two small holes which go through from the bottom of this porcelain portion to the brass plunger base on the top. Bare the heavy wire and fitting the base of the batten holder over the two heavy wires, insert one connection into one hole until it comes opposite the screw in the brasswork of the porcelain and grip it with the screw. Repeat the process with the other side, paying strict attention to the fact that neither of these wires should touch one another.







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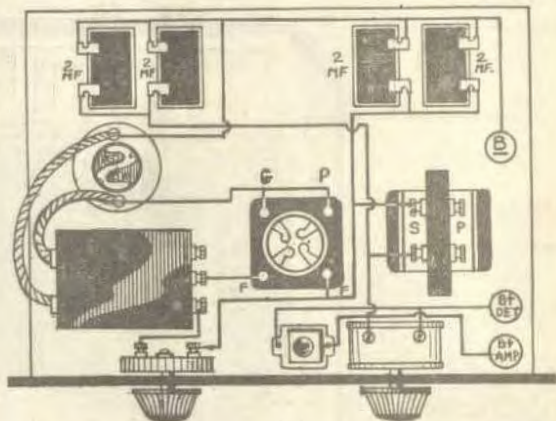
**Emmco  
'B' Battery  
Eliminator**  
*Price*  
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Assemble the batten holder and screw down on baseboard, using small pillars to keep it off the wood.

Now run a wire from one side of the first 2 mfd. condenser to one side of each of the other three, and join to the B negative output terminal and to the nearest connection on the batten holder. Next join the remaining sides of the two left hand 2 mfd. condensers, and continue this wire to one side of the secondary of the audio transformer and to the B positive amplifier terminal. The other two 2 mfd. condensers are joined together and taken to one F terminal of the valve socket, the other two 2 mfd. condensers are joined together and taken to one F terminal of the valve socket, thence to one side of the rheostat and on to the remaining side of the choke.

The other side of the rheostat is joined to one of the terminals of the bell ringing transformer. The other 6 volt terminal of this bell ringing transformer is joined to the remaining filament terminal of the valve socket. Join the G and the P of the valve socket together, and continue it to the nearest side of the batten holder. Connect the .002 mfd. Pilot condenser across the Bradleyohm, thus completing the wiring.

Bear in mind that only the secondary portion of the audio transformer is used—it doesn't matter if the primary is "burnt out." Check the wiring with the combined plan view and wiring diagram, as well as the circuit diagram. Now connect a length of flexible wire, say 23/36 gauge electrical flex, to a bayonet adaptor in the usual manner, and to a 2 pin plug, or whatever is desired to make connection with the electric light.



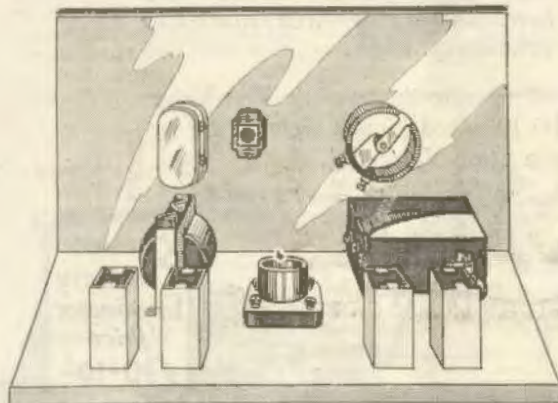
Plug the adaptor into the batten holder and the other end into the electric light or power point, and insert a 201a valve in the valve socket. Connect up the output terminals to the set. Switch on the electric light and turn up the rheostat. Tune in on the set, keeping the eliminator at least three feet from the receiver. No A.C. hum should be discerned; if any, it should be very slight. If this hum is pronounced, move the eliminator a little further away from the set and reverse the connection from the light point to the batten holder. Simply take the bayonet adaptor out of the

batten holder and reverse it—turn it round and reinsert. This invariably helps matters.

Another system to overcome pronounced hum is to earth all the metal cases of the components. Try it. The Bradleyohm regulates the detector voltage. Turn it and notice the difference. One of the best selling is found; leave it at that.

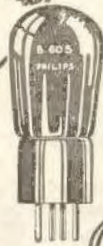
Remember this eliminator is not suitable for a five valve set, only from one to three valves should be connected to it. When the night's reception is over, turn off the electric light switch and remove the batten holder if desired. Perhaps it may be found necessary to use two "burnt out" transformers as chokes. If so, connect them in series. There is no harm in trying, because this little fellow is worth while getting to work properly. A little patience may be required, so don't be afraid to exercise it. Different valves may be tried in the rectifier. If you have a range of valves try them one after the other, noting the results. It won't take you long to get the best from the eliminator. Go to it!

**JAMES HAY**, principal tenor of the Gilbert and Sullivan Opera Company, gives a talk on "Ruddigore," on 25th August, from Studio 2FC. On that night, Miss Vivian de Loitte, wife of the late Howard Vernon, who has been associated with Gilbert and Sullivan operas all her life, will carry out No. 7 musical competition, playing excerpts from these popular operas. The prize is a Gilbert and Sullivan score, to be selected by the winner.



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 plus increased sensitivity  
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**A630**  
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 Capacity  
**13/6**

**B406**  
 4 Volts  
 1 amp.  
 Audio  
**13/6**

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 4 Volts, .15 amp.  
 Super Power  
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KIT.

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The Remler Kit consists of 1 oscillator coil, 3 Intermediate Transformers, and 1 filter Transformer.

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Another shipment of the famous Lion Micro Detector due 29th inst.

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# BROADCASTING PROGRAMMES

for the COMING WEEK

## Friday, August 26

### 2FC, SYDNEY

#### Farmer's Broadcasting Service.

Wave Length, 442 Metres.

EARLY MORNING SESSION—7 to 8 a.m.

#### MORNING SESSION.

- 16 a.m.—"Big Ben" and announcements.  
 16.5 a.m.—Studio music.  
 16.15 a.m.—"Sydney Morning Herald" news service.  
 16.30 a.m.—Studio music.  
 16.45 a.m.—A Reading.  
 16.55 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.  
 12.15 p.m.—Stock Exchange, first call.  
 12.3 p.m.—Official weather forecast, rainfall.  
 12.35 p.m.—Studio music.  
 12.40 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.—Annie Sedger, mezzo:  
 "Scenes that are Brightest" (Wallace).  
 12.45 p.m.—THE OAK HALL INSTRUMENTAL TRIO (Leader, Mr. Horace Koals).  
 12.55 p.m.—Studio music.  
 1 p.m.—"Big Ben."  
 Weather Intelligence.  
 1.15 p.m.—"Evening News" midday news service.  
 Producers' Distributing Society's Report.  
 1.30 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
 1.35 p.m.—Stock Exchange, second call.  
 1.40 p.m.—Marching music for school children.  
 1.45 p.m.—Annie Sedger, mezzo:  
 "A Banjo Song" (Homer).  
 1.45 p.m.—Studio music.  
 1.50 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
 2 p.m.—"Big Ben." Close down.

#### AFTERNOON SESSION.

- 2 p.m.—"Big Ben" and announcements.  
 2.5 p.m.—A Recital by the pupils of Miss Mabel Batchelor:  
 Vocal, "Mountain Lovers" (Squico).  
 Carol Schramm.

- 3.5 p.m.—"I Love You Truly" (Bond).  
 "For You Alone" (Cochet).  
 Marjorie Millinger.  
 4.1 p.m.—"Par diacet" (Lento).  
 "Musetta's Song" (Puccini).  
 Elbe Melanese.  
 4.20 p.m.—"If My Songs were only Wings" (Hahn).  
 "At Dawning" (Cadmus).  
 Esther Herford.  
 4.26 p.m.—"I know a lovely Garden" (D'Hardelet).  
 Miss Colville.  
 4.30 p.m.—Marching music for school children.  
 4.40 p.m.—Frank Botham, baritone:  
 "Play the Game" (Ayward).  
 4.45 p.m.—"Come for it's June" (pupil of Miss Mabel Batchelor).  
 Phyllis Boshby.  
 4.55 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
 5.05 p.m.—Maxie Gall, soprano.  
 4 p.m.—Eileen Moreau, soprano (from Farmer's Tea Rooms):  
 "The Little Dancer" (Novello).  
 4.6 p.m.—Mary Judd, violinist:  
 "Hungarian Dance" (Brahms).  
 4.10 p.m.—THE OAK HALL INSTRUMENTAL TRIO.

- 4.15 p.m.—Maxie Gall, soprano.  
 4.20 p.m.—Frank Botham, baritone:  
 "Kitty" (Fletcher).  
 4.25 p.m.—Mary Judd, violinist:  
 "Londonderry Air" (Kreutzer).  
 4.30 p.m.—Lily Hancock, soprano:  
 "The Smile of Spring" (Fletcher).  
 4.35 p.m.—Mary Judd, violinist:  
 (a) "Serenata" (Toselli).  
 (b) "Serenata" (Du Costor).  
 4.40 p.m.—Eileen Moreau, soprano:  
 "You Lovely Thing" (Anderson).

- 4.45 p.m.—Stock Exchange third call.  
 4.51 p.m.—Lily Hancock, soprano:  
 "I heard you singing" (Coster).  
 4.50 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of Mr. Cyril Kike.  
 5 p.m.—"Big Ben." Close down.

#### EARLY EVENING SESSION.

- 5.40 p.m.—The Chimes of ERFU.  
 5.45 p.m.—"The 'Hello Man'" talks to the children.  
 5.55 p.m.—Story time for the young folk.  
 6.40 p.m.—Dinner music.  
 7 p.m.—Late sporting news by the 2FC Racing Commissioner.  
 7.10 p.m.—Daigely's market reports (wool, wheat and stock).  
 7.15 p.m.—Fruit and vegetable markets.  
 7.20 p.m.—News, weather and shipping news.  
 7.25 p.m.—Late "Evening News" news service.

#### NIGHT SESSION.

- 7.35 p.m.—Programme announcements.  
 7.40 p.m.—A Talk on Sport.  
 7.50 p.m.—Win and Winkle, English entertainers.  
 8 p.m.—"Is it Your Birthday?"  
 8 p.m.—"Big Ben."  
 FROM THE PRINCE EDWARD THEATRE, CASTLEREAGH STREET, SYDNEY:  
 Items from the Orchestral score and Vocal programme to the film,  
 "BEN HUR."  
 1. Introductory music, Will Prior and Concert Orchestra.  
 2. Lettie V. Harvey, at the Orchestral Organ:  
 "Melody of Love," from "Gipsy Love."  
 3. Lettie V. Harvey at the Organ.  
 4. A Fox Variety, arranged by Hal H. Curfidge.  
 5. Lettie V. Harvey and the Prince Edward Concert Orchestra playing Selections from "Tannhauser" (Wagner), with Lettie V. Harvey at the Organ.  
 6. John Peiran—a walk-down scene—rendering "Star of Bethlehem," in atmospheric prelude to "Ben Hur."  
 7. The Orchestra in the score to "Ben Hur."  
 8. Win and Winkle, English entertainers.  
 9. Gladstone Bell.  
 10. Cello solo, "Sonata in F" (Paganini).  
 11. Lettie V. Harvey, at the Organ:  
 "A Southern Song" (Ronald).  
 12. Lettie V. Harvey, entertainer:  
 (a) Josh Billings (talk on).  
 (b) "Laughing" (Billings).  
 (c) "Woodcock" (Billings).  
 (d) "Sixpence," Musical Monologue (Happ).  
 13. Lettie V. Harvey, basso cantante:  
 (a) "Bright Eyes Ganges" (Hodgecock).  
 (b) "My Old Shako" (Trotter).  
 14. Win and Winkle, English entertainers.  
 15. Gladstone Bell:  
 Cello solo, "Serenade" (Sitt).

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

- 2FC—Farmer's Broadcasting Station, Ltd., Sydney, wavelength 442 metres, power 5000 watts.  
 2BL—Broadcasters' Ltd., Sydney, wavelength 353 metres, power 5000 watts.  
 2GB—The Associated Broadcasting Station, Ltd., Sydney, wavelength 316 metres, power 3000 watts.  
 2KY—Trades and Labor Council, Sydney, wavelength 284 metres, power 1500 watts.  
 2UW—Otto Sandel, Sydney, wavelength 267 metres, power 500 watts.  
 2MK—Mockler Bros., Bathurst, wavelength 275 metres, power 250 watts.  
 2UP—Electrical Utilities Supply Co., Sydney, wavelength 298 metres, power 250 watts.  
 2BE—Bargin Electric Co., Sydney, wavelength 316 metres, 100 watts.  
 2HD—H. A. Duxias, Newcastle, wavelength 328 metres, 100 watts.

- 8.35 p.m.—Margaret James, soprano:  
(a) "Trees" (Holland).  
(b) "Toss in a Land" (Chaminade).  
8.42 p.m.—THE PRINCE EDWARD THEATRE ORCHESTRA, conducted by Mr. Will Prior.  
Louie V. Harvey at the Orchestral Organ.  
8.54 p.m.—Percy McKay, bass, soloist:  
(a) "Shipmates of Mine" (Sanderson).  
(b) "The Vagabond" (Dirx).  
(c) "Floral Dance" (Moss).  
10.2 p.m.—Rita Price, soprano:  
"Two Cases of Gripe" (Grand).  
10.12 p.m.—Margaret James, soprano:  
"Just for To-day" (Harding).  
10.16 p.m.—Gladstone Bell:  
"Cello solo, 'Le Cygne' (Ballet Sarda).  
10.14 p.m.—THE PRINCE EDWARD THEATRE ORCHESTRA, conducted by Mr. Will Prior.  
10.25 p.m.—FROM THE STUDIO:  
Rita Price, soloist:  
"My wife buys a clinical thermometer" (Runch).  
10.35 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of Cyril Kaye.  
10.57 p.m.—Late news and announcements.  
11 p.m.—"Big Ben."  
THE WENTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of Cyril Kaye.  
11.08 p.m.—National Anthem. Close down.

## 2BL, SYDNEY.

Broadcaster's Ltd.  
Wave Length, 353 Metres.

### Friday

#### EARLY MORNING SESSION.

7 a.m. to 8 a.m.

#### MORNING SESSION.

- 8.30 a.m.—G.P.O. Clock and chimes. Musical programme from studio.  
10.10 a.m.—News from the "Daily Telegraph" (Printed).  
10.50 a.m.—Musical programme from the studio.  
11 a.m.—G.P.O. Clock and chimes. Announcements.  
11.5 a.m.—Musical programme from the studio.  
11.15 a.m.—Talk on "Croquet" by Miss Gwen Varley. Broadcasters' Women's Sports Authority.  
Social Notes: Replies to correspondents by Mrs. Jordan. Talk on "Feeding the family" by Mrs. Jordan.  
12 noon—G.P.O. Clock and chimes. Special Ocean Forecast and weather report.  
12.15 p.m.—Musical programme from the studio.  
12.45 p.m.—Information. Mail, Shipping and port dispatches.  
13.15 p.m.—Route in call by wireless.  
10.30 p.m.—Fruit Market report.  
12.25 p.m.—Vegetable Market report.  
12.32 p.m.—London Metal Market report.  
12.55 p.m.—Hairy and Farm Produce Market report.  
12.58 p.m.—G.P.O. Clock and chimes. Foreign Market.  
12.52 p.m.—Fish Market report.  
12.54 p.m.—Rabbit Market report.  
12.56 p.m.—News from the "Sun."  
12.45 p.m.—Hilliers' Instrumental Quartet—direction—Carl Casler.  
1.30 p.m.—G.P.O. Clock and chimes. Talk to children and special entertainment for Children in Hospital.  
2 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 p.m.—G.P.O. Clock and chimes. News from the "Sun."  
3.15 p.m.—Civil Services Stores Yelo—direction Miss de Courcy Brewer.

- 3.30 p.m.—G.P.O. Clock and chimes. News from "Sun."  
3.40 p.m.—Country Women's Session—its object.  
3.50 p.m.—News from the "Sun."  
4 p.m.—G.P.O. Clock and chimes. Civil Service Store Yelo.  
4.10 p.m.—Serial Story.  
4.35 p.m.—Musical programme from the studio.  
4.40 p.m.—News from the "Sun."  
4.55 p.m.—Resume of night's programme.  
4.57 p.m.—Hasting Resume.  
5.10 p.m.—Special Ocean Forecast.  
5 p.m.—G.P.O. Clock and Chimes, Close down.

#### EARLY EVENING SESSION.

- 8.45 p.m.—G.P.O. Clock and chimes. Children's Session.  
8.50 p.m.—Musical programme from the studio

#### SPECIAL COUNTRY SESSION.

- 7 p.m.—G.P.O. Clock and chimes.  
Agricultural Mercantile Land & Finance Co's report.  
Weather Report and forecast by courtesy of Govt. Meteorologist.  
Producers' Distributing Society's Fruit and Vegetable Market report.  
Stock Exchange report.  
Grain and Fodder report ("Sun").  
Daily Produce report ("Sun").  
7.15 p.m.—Country News from the "Sun."  
7.30 p.m.—Talk by Mr. Gregory, of the N.B.M.A.  
7.40 p.m.—Talk on "Gardening Science" by Mr. Cooper, Park Superintendent, City Council.  
8 p.m.—G.P.O. Clock and chimes.  
Broadcasters' Topical Forum.  
8.3 p.m.—S.I.L. Radio-in-Hospital Hall. Broadcast from the Bondi Casino. There will be dancing from 8 p.m. to midnight, interrupted with musical items by all of the artists appearing on the programmes of station 2BL. Everybody concerned in giving their services gratuitously, as some singing, meet the radio union, the artists, and help towards making the function a success. Dance music by Leo Morrison and his Gloom-chasers.  
12 midnight—G.P.O. Clock and chimes. National Anthem.

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

- 2LO.—Broadcasting Company of Australia, Ltd., Melbourne, wavelength 311 metres, power 2000 watts.  
4UP.—Downsland Radio Service, Brisbane, wavelength 385 metres, power 2020 watts.  
4UL.—Central Broadcasters' Ltd., Adelaide, wavelength 325 metres, power 2000 watts.  
4WF.—Western Farmers, Ltd., Perth, wavelength 1250 metres, power 5500 watts.  
72L.—Tasmanian Broadcasters, Ltd., Hobart, wavelength 135 metres, 2000 watts.  
2AK.—Associated Radio Co., Ltd., Melbourne, wavelength 184 metres, power 1600 watts.  
1DB.—Fratleigh Business and Technical College, Melbourne, wavelength 250 metres, power 500 watts.  
3UE.—J. J. Nilson & Co., Melbourne, wavelength 319 metres, power 150 watts.  
6UR.—Gold Radio Electric Service, Townsville, Queensland, wavelength 294 metres, power 148 watts.  
5KA.—Sport Radio Broadcasting Station, Adelaide, wavelength 228 metres, power 1000 watts.  
1DN.—D.N. Pty. Ltd., Adelaide, wavelength 313 metres, 500 watts.

## 2GB, SYDNEY

Theosophical Broadcasting Service.  
Wave Length, 316 Metres.

### Friday.

#### MORNING SESSION.

- 8 a.m.—Music.  
8.30 a.m.—Address.  
9.15 a.m.—Music.  
9.25 a.m.—Talk: Psychology.  
9.45 a.m.—Music.  
9.45 a.m.—Health and Diet.

#### AFTERNOON SESSION.

- 3.30 p.m.—Music.  
3.57 p.m.—Address.  
4.52 p.m.—Music.  
4.57 p.m.—Address.  
4.22 p.m.—Music.  
4.30 p.m.—Close down.

#### NIGHT SESSION.

- 7 p.m.—Music.  
7.30 p.m.—Address.  
7.15 p.m.—Music.  
7.29 p.m.—Address.  
7.50 p.m.—Music.  
10.35 p.m.—Lectures on the Floridian Soilbats of the State Conservationist by Mr. Walter Hope.  
12.15 p.m.—Instrumental Trio:  
DAN SCULLY, MURIELLE LANG, ADA BROOK.  
8.5 p.m.—Address by Professor Ernest Wood.  
8.20 p.m.—Song by Clement Hosking.  
8.30 p.m.—Talk on  
Illustrated by his music. Arranged by Phyllis Campbell.  
9 p.m.—Address by the Rev. R. B. S. Hammond, "Meditating Broken Men."  
9.15 p.m.—Piano solo, ADA BROOK:  
1. "Waltz" (Brahms).  
2. "Ronde" (Chopin).  
3. "Song" (Schubert).  
8.25 p.m.—Songs by Ernest Hosking.  
9.25 p.m.—Instrumental Quartet:  
DAN SCULLY, MURIELLE LANG, ADA BROOK, MURIELLE LANG, ADA BROOK.  
9.50 p.m.—Talk.  
10 p.m.—Close down.

## 2UW, SYDNEY

Sandel Radio, Ltd.  
Wave Length, 267 Metres.

### Friday.

- 9 a.m.—News, Shipping, Mail, Markets, Mutual Home.  
10 a.m.—Close down.  
7 p.m.—Musical items.  
7.5 p.m.—Talk on "Psychology," by James W. Dowling.  
8.2 p.m.—Musical items.  
8.30 p.m.—Close down.  
9 p.m.—Musical items and announcements.  
9.15 p.m.—Close down.  
7 p.m.—Where is Co.  
7.10 p.m.—Musical items from the studio.  
9.50 p.m.—Close down.

## 3LO, MELBOURNE.

Broadcasting Co. of Aust.  
Wave Length, 371 Metres.

### Friday

#### MIDDAY SESSION.

- 12 noon—Times Signal. Metal prices received by the Australian Press Association, from the London Stock Exchange this day.

Perfect Reception Every Day Possible with Philco.



"Charlie! quick, quick, come, hear W.G.Y., isn't it great?"

"Fine, fine, I've never heard it like that. Every time I tune it, something goes wrong to waste my time. Mostly it is run-down B Batteries."

"Well, how many times have I told you to use BRIGHT STAR A, B and C Batteries? You never hear of my set causing me to complain. BRIGHT STAR A, B and C Batteries are always on the job."

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**IF Your Dealer Cannot Supply You, WE WILL**

- British official wireless news from Hagley, Reuters and The Australian Press Association cables. "Aussie" news articles.
- 12:20 p.m.—**HUXHAM'S SERENADERS**, in twenty minutes of "HUMOR AND HARMONY."
- 12:40 p.m.—Stock Exchange information.
- 12:45 p.m.—**STUDIO ORCHESTRA**: "Meditation Delmas."
- 12:50 p.m.—**MILDRED AND CONNIE**: "As I Wander"—song with Piano and Violin. "If Ever I Meet"—song with piano. "Kentucky Lullaby"—harp and violin.
- 1 p.m.—**TASMA THERMAN**, "cello": "Red Knight" (Max Bruch).
- 1.15 p.m.—Meteorological information: Shipping intelligence. Weather synopses for Victoria, Tasmania, South Australia, and New South Wales. Ocean forecast. River reports. Rainfall for Victoria, Tasmania, South Australia, New South Wales.
- 1.18 p.m.—**STUDIO ORCHESTRA**: "Cadenza-Spankels" (Hofstad).
- 1.19 p.m.—**HARRY CASH**, comedian: "Blazy Carolina."
- 1.22 p.m.—**AGNES FORTUNE**, piano: "La Reva Angelique" (Rabindran).
- 1.40 p.m.—**ELSIE DAVIES**, soprano: "I Fished My Lonely Caravan at Night" (Eric Coates). "Ave Maria"—with violin obbligato by Bertha Jerzeman (Gossett).
- 1.47 p.m.—**STUDIO ORCHESTRA**: "Wine Women and Song"—Waltz (Strauss).
- 2 p.m.—Close down.

## AFTERNOON SESSION.

- 2:10 p.m.—Description of Hurdle Race, two miles. **BALLARAT MINERS RACES**, by "Muskiet," of "The Sporting Globe."
- 2:25 p.m.—Description of Water Hindicap, six furlongs. **BALLARAT MINERS RACES**, by "Muskiet," of "The Sporting Globe."
- 2:50 p.m.—Close down.
- 3 p.m.—**STUDIO ORCHESTRA**: Overtures, "Ten Maidens and no Man" (Raffé).
- 3.15 p.m.—**SIGNOR PALMETTO**, tenor: "Gavallone" (Gossett).
- 3:18 p.m.—Description of Novelty Pony Race. **BALLARAT MINERS RACES**, by "Muskiet," of "The Sporting Globe."
- 3:20 p.m.—**MISS FRANCES FRASER**: "The Royal Family of Spain."
- 3:28 p.m.—**STUDIO ORCHESTRA**: "Hebrew Melody" (Achorn).
- 3:35 p.m.—Description of Dr. Soring Handicap. **BALLARAT MINERS RACES**, by "Muskiet," of "The Sporting Globe."
- 3:50 p.m.—**HARRY CASH**, comedian: "Fiddler Love."
- 4:27 p.m.—**STUDIO ORCHESTRA**: Three Hebrew Melodies.
- 4:35 p.m.—**SIDNEY BURCHALL**, baritone: "Coriander" (Sanderson).
- 4:47 p.m.—"I Might Only Come a You" (Squire).
- 4:14 p.m.—**MILDRED AND CONNIE**: "Down South of Carolina"—Song, piano and violin. "Barley Boud"—Song with piano. "Pastoral"—Harp and Violin.
- 4:50 p.m.—Description of Navio Handicap. **BALLARAT MINERS RACES**, by "Muskiet," of "The Sporting Globe."
- 4:55 p.m.—**STRING ORCHESTRA**: "Andante non Vazamento" (Kezner).
- 4:59 p.m.—**MRS. M. CALLAWAY MAROOD**: "The Art of Devotion."
- 4:55 p.m.—"Herald" news services. Stock Exchange information.
- 4:59 p.m.—Description of Flying Handicap. **BALLARAT MINERS RACES**, by "Muskiet," of "The Sporting Globe."
- 5 p.m.—Close down.

## EVENING SESSION.

- 5:30 p.m.—Answers to Letters and Birthday Greetings by "BILLY BUNNY."
- 5 p.m.—**GWEN HUMFRAY**, contralto: "Sing for the Children."
- 6:7 p.m.—**JOE ARBONSON AND HIS SYMPHONISTS**: "Animal Fair" and Novelties.

- 6:14 p.m.—**ELSIE BRADSHAW** will sing for the Children.
- 6:21 p.m.—**JOE ARBONSON AND HIS SYMPHONISTS**: "Novelties" for the Children.
- 6:23 p.m.—**GWEN HUMFRAY**, contralto: "More Novelties."
- 6:30 p.m.—**ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE** for Today in CHILDREN, keep off the railway tracks, avoid disaster—trains are a million times bigger and faster.
- 6:40 p.m.—Official report of Newmarket Race sales, numbers of tickets ordered for following week's sales, supplied by Live Stock Agents' Association, Heavie Street, Melbourne.
- 6:45 p.m.—"Herald" news service. Weather synopses, shipping movements.
- 6:47 p.m.—Stock Exchange information.
- 6:48 p.m.—Fish Market reports by J. R. Burnett, Ltd. Rabbit prices.
- 6:50 p.m.—River reports.
- 6:58 p.m.—Market reports by the Victorian Producers' Cooperative Company, Ltd. Poultry, grain, hay, straw, jute, dairy produce, potatoes, and tannin. Market reports of Fruit by the Victorian Producers' Association.

## NIGHT SESSION.

- 7:16 p.m.—Under the auspices of the Department of Agriculture, Mr. E. G. Halliwell, Senior Farm Produce Inspector, will speak on: "Departmental Exhibit at Country Shows."
- 7:30 p.m.—**STUDIO ORCHESTRA**: Overtures, "Robespierre" (Fildes).
- 7:40 p.m.—**HARRY CASH**, comedian: "In Carolina with Caroline."
- 7:44 p.m.—**MR. H. K. LOVE**: "Techniques."
- 8:4 p.m.—**ELSIE DAVIES**: Old English Songs.
- 8:12 p.m.—**REGINALD BRADLEY AND AGNES FORTUNE**: "Sally" (Beethoven).
- 8:22 p.m.—**STUDIO ORCHESTRA**: "Gray Bonds" (Haydn).
- 8:30 p.m.—**BALLARAT COMMUNITY SINGING**, transmitted from BALLARAT CITY HALL. President: Cr. W. B. Elsworth. Conductor: Mr. B. Humphreys. Accompanist: Mr. C. G. Gower. Assistant secretary: Mr. Frank Braden.

## CONCERT PROGRAMME

His Worship the Mayor of Ballarat will provide instrumental selection, under direction of Mr.

## NEW ZEALAND STATIONS:

(Corrected List.)

- 1YA, Auckland, The Radio Broadcasting Co. of New Zealand, Ltd. Power 500 Watts; Wave-length, 333 Metres. Silent Night, Monday.
- 2YA, Wellington, The Radio Broadcasting Co. of New Zealand, Ltd. Power 120 Watts; Wave-length, 420 Metres.
- 3YA, Christchurch, The Radio Broadcasting Co. of New Zealand, Ltd. Power 500 Watts; Wave-length, 306 Metres. Silent Night, Thursday.
- 4YA, Dunedin, The Radio Broadcasting Co. of New Zealand, Ltd. Power 750 Watts; Wave-length, 483 Metres.

- Frank Farns, A.L.C.M. Opening remarks by His Worship the Mayor.
- COMMUNITY SINGERS, Opening Chorus. Chorus: "There's a Long, Long Trail" "When the Great God Awaken" "The Lord's Prayer."
- Mr. O. ROBERTS, Winner of 2nd prize, Guelphing Competition.
- "ON in the Still Night" "Bells of St. Mary's" "Love's Old Sweet Song" Solo and Chorus Solo.
- "Ballarat"—Mrs. M. Cameron (Chorus) "Old Hacks Jiv" "My Old Kentucky Home" "Old Fields at Home." Contralto solo: Miss O. Sedgwick. Chorus: "Sing for the Children" "See, See, Blackbird" "Yawning" "Dew Has Wept in Snow" Chorus Solo: Mr. Jack Allen. Chorus: "Lead, Kindly Light" "My Bonnie is Over the Ocean" "Sweet and the Fair" Soprano Solo: Miss Lucy Reynolds. Chorus: "Sing and Lawd" "Let the Rest of the World Go By" "Will Ye No Come Back Again" Brown Hill Quartets Party. Chorus: "Tuppence" "Moonlight and Roses" "More We are Together" Chorus: "Lead Me the Way to Go Home" "Till We Meet" "Home, Sweet Home."
- 10 p.m.—"CARDIGAN" Mr. H. A. Walls. Opening by the "Arara" and "The Australasian" will speak on Saturday's races at Williamstown.
- 10:10 p.m.—**STUDIO ORCHESTRA**: "Suite of Four Pieces" (Ferdin).
- 10:17 p.m.—**MR. C. J. WILLIAMS** will speak on "Saturday's Stadium Event."
- 10:27 p.m.—**HUXHAM'S SERENADERS**: In a bright, breezy, happy song. "STOTT'S STURE."
- 10:47 p.m.—Weather reports. Reading notes supplied by the Royal Automobile Club of Victoria. "British Official Wireless News. Announcement."
- ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for To-day in CHILDREN, keep off the railway tracks, avoid disaster. Trains are a million times bigger and faster.
- 11 p.m.—**OUR GREAT THOUGHT**: "I never get near men or women much unless that I was not inclined to think the better of them, and to transfer any suspicion or dislike to the person who appeared to take delight in pointing out the defects of a fellow creature."—Jane Porter.
- 11:1 p.m.—**ERIN SPRY AND HIS ORCHESTRA**.
- 11:40 p.m.—God Save the King.

## 4QG, BRISBANE

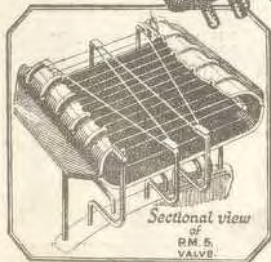
Queensland Radio Service.  
Wave Length, 383 Metres.

Friday. MIDDAY SESSION.  
1 p.m. to 2 p.m.

AFTERNOON SESSION.  
FROM HOTEL CARLTON.—  
2:30 p.m.—AFTERNOON tea music.  
FROM THE STUDIO.—  
4:15 p.m.—"The Telegraph" news.  
Close down.



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SAY PERFECT MUSIC**

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P.M.1 H.F.	0.1 amp. 13/6	P.M.5 (General Purpose)	0.1 amp. 13/6
P.M.1 L.F.	0.2 amp. 12/6	P.M.5 H (Resist. Cap.)	0.1 amp. 13/6
P.M.1A (Resist. Cap.)	0.1 amp. 13/6	P.M.6 (Power)	0.1 amp. 13/6
P.M.2 (Power)	0.15 amp. 13/6	P.M.6 (Power)	0.1 amp. 13/6
<b>For 4-volt Accumulator or 3 dry cells—</b>		<b>Super power valves for last L.F. stage—</b>	
P.M.3 (General Purpose)	0.1 amp. 12/6	P.M.254	4 volts, 0.25 amp. 15/-
P.M.3A (Resist. Cap.)	0.1 amp. 13/6	P.M.256	6 volts, 0.25 amp. 15/-
P.M.4 (Power)	0.1 amp. 13/6		

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## EARLY EVENING SESSION.

6 p.m.—Daily Standard news; weather information; announcements.  
6.30 p.m.—Bedtime Stories by "The Sandman."  
7 p.m.—Market reports; Stock reports.  
7.30 p.m.—Weather news; announcements;  
"Daily Standard" news.  
7.45 p.m.—Standard time signal.

## NIGHT SESSION.

## PART I.

## W.E.A. MUSIC CLASS.

The Workers' Educational Association's Tutorial Classes in Music are being held this season in the reception hall at 49G, 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 49G 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 lectures, 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 lectures.

## FROM THE RECEPTION HALL—

7.45 p.m.—W.E.A. Music Class.

The following artists will illustrate Mr. Sampson's lecture to-night—Mr. Archie Day (piano), Mr. Eric Haysie (violin).

## STUDIO PROGRAMME—PART II.

8.15 p.m.—Selection "Recollections of Gounod" (arr. Godfrey), the Studio Orchestra (conductor, Mr. A. R. Featherstone); soprano solo, "Just Because It's You" (Phipps); Mrs. R. W. Chadwick; a thought for to-night (Will H. Lister), "The Judgment and Theft" vocal solo, "Lips' Thanksgiving" (Hemery); Misses Stabel and Vera Parker; tenor solo, "To a Miniature" (Heslop), Mr. George Williamson; valve, "Soiree d'Ele" (Waldstein), the Studio Orchestra; soprano solo, "They Say" (Waldstein); Miss Eileen Heagerty; selections of Gounod, Part 2 (arr. Godfrey), the Studio Orchestra.

## PART III.

## FROM THE CRYSTAL PALACE—

10.30 p.m.—Dance Music from Annual Railway Ball.  
11 p.m.—"The Daily Mail" news; weather news; close down.

## 5CL, ADELAIDE

Central Broadcasters, Ltd.

Wave Length, 395 Metres.

Friday

## MORNING SESSION.

6.15 a.m.—12 noon, to 2 p.m.

## AFTERNOON SESSION.

2 p.m.—Chimes.  
2.15 p.m.—Holey from the Maple Leaf Cafe; Orchestral Selections.  
2.45 p.m.—From the Studio: Musical Home, Social Notes.  
3 p.m.—Chimes.  
4.1 p.m.—Holey from the Arcadia Cafe, Orchestral selections, Vocalist Mary Edgars.  
4.55 p.m.—Station announcements.  
5 p.m.—Chimes.

## EVENING SESSION.

8 p.m.—Dinner.  
8.15 p.m.—Holey from the Covent Garden Restaurant; Orchestral selections.  
8.55 p.m.—Bedtime Stories.

5.45 p.m.—Running time of the East West Express.

6.45 p.m.—Bedtime stories continued.

7.25 p.m.—Messrs. S. C. Ward and Co's Stock Exchange Intelligence.

7.25 p.m.—Market reports by Messrs. A. W. Sandford and C. A. E. Bell &amp; Co. Dalziel and Co. S. A. Farmers Comp. Union, Taylor Bros. Retail Grocers Ass. and Law's Fish Market Reports.

7.35 p.m.—Sporting talk by "Windlag."

7.50 p.m.—Football talk by "High Mark."

8 p.m.—Chimes.

8.15 p.m.—Studio Orchestra.

8.15 p.m.—G.H. Evans, tenor.

8.15 p.m.—Studio Orchestra.

8.25 p.m.—Vera Gogler, soprano.

8.25 p.m.—Studio Orchestra.

8.45 p.m.—Gwen Collett, contralto.

8.45 p.m.—Studio Orchestra.

8.49 p.m.—J. Barrett, baritone.

9.11 p.m.—Weather report.

9.11 p.m.—Dalger's Whose report.

9.1 p.m.—J. Barrett, baritone.

9.21 p.m.—Studio Orchestra.

9.21 p.m.—Vera Gogler, soprano.

9.25 p.m.—Studio Orchestra.

9.45 p.m.—Gwen Collett, contralto.

9.42 p.m.—Studio Orchestra.

9.42 p.m.—J. Barrett, baritone.

9.55 p.m.—Studio Orchestra.

9.55 p.m.—Advertiser's news service. Wireless Shipping, Windlag Sporting service.

10.15 p.m.—Gwen Collett, contralto.

10.25 p.m.—Studio Orchestra.

10.25 p.m.—Melay from Malacca Band General.

11 p.m.—Station announcement, to-morrow's programme, weather report. National Anthem.

## 6WF, PERTH

Westralian Farmer's.

Wave Length, 1250 Metres.

Friday.

12.30 p.m.—Tune in.

12.35 p.m.—Markets, News, and 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 QUINETTE.

2 p.m.—Close down.

2.30 p.m.—Tune in.

3.35 p.m.—Musical programme, including Organ solo, relayed from the Grand Theatre, Murray Street.

4.30 p.m.—Close down.

6.45 p.m.—Tune in.

6.50 p.m.—Musical evening for the kiddies by Annie Marjorie and Violet Henry, Leslie Perry, Rag and Duff.

7.20 p.m.—Stock and Share Intelligence, Market Reports.

7.30 p.m.—Cables, News by courtesy of "The West Australian" Newspaper Coy.

7.45 p.m.—Laid News Items, by courtesy of "The Daily News" Newspaper Coy.

8 p.m.—Ships, within range announcement.

8.45 p.m.—Racing talk by the Sporting Editor of "The Truth."

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

8.1 p.m.—Weather Notes, supplied by the Meteorological Bureau of Western Australia.

## POPULAR NIGHT.

8.15 p.m.—Musical programme, including Artists.  
Items by the Misses Sutton and Foley, instrumental duo of the s.s. Karoola.

9 p.m.—Talk: "Gardening Notes," by Mr. E. A. Hughes, representing Messrs. Dawson and Harrison.

10 p.m.—Laid News Items, by courtesy of "The Daily News" Newspaper Coy.

Ships within range announcement.

Weather Report and Forecast.

10.30 p.m.—Close down.

Saturday, Aug. 27  
2FC, SYDNEY

EARLY MORNING SESSION—7 to 9 a.m.

## 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.—Last minute sporting information by the JFC 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 Bette's Cables.  
11.15 a.m.—A talk on Gardening, by Mr. G. J. Luckley ("Redgum").  
11.30 a.m.—Close down.

## MIDDAY AND AFTERNOON SESSIONS.

12 noon—"Big Ben" and announcements.  
12.2 p.m.—Stock Exchange, first call.  
12.5 p.m.—Studio music.  
12.30 p.m.—"Sydney Morning Herald" news service.  
Holey Wireless News.  
12.35 p.m.—Studio music.  
NOTE: Events of the Roskill Racing Club's Meeting will be described in detail by the JFC Racing Commissioner.  
1 p.m.—"Big Ben."  
Weather Intelligence.

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

1.30 p.m.—Studio music.

THE CRYSTAL PALACE THEATRE ORCHESTRA will be heard at intervals between 1.30 p.m. and 4.30 p.m.

4.30 p.m.—Complete resume of the day's events.

5 p.m.—"Big Ben" Close down.

## EARLY EVENING SESSION.

5.40 p.m.—The Chimes of 2FC.  
5.45 p.m.—The "Helo Man" talks to the children.  
5.50 p.m.—Story time for the young folk.  
6.40 p.m.—Dinner music.  
7 p.m.—"Big Ben." Late sporting news.  
7.15 p.m.—Weather Intelligence.  
7.18 p.m.—"Evening News" late news service.

## NIGHT SESSION.

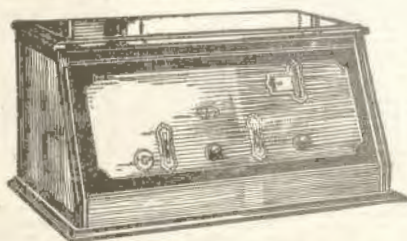
7.25 p.m.—Programme announcements.  
7.35 p.m.—THE N.S.W. TRAMWAY BAND, conducted by Mr. Fred Phillips: (a) March, "The Old Regiment" (arr. Hawkins); (b) Waltz, "Summer Glory" (Greenwood); (c) Fantasy, "Golden Valley" (Hawkins); 7.57 p.m.—"Is It Your Birthday?" 8 p.m.—"Big Ben."  
THE N.S.W. TRAMWAY BAND: Fantasia, "Favourite Melodians" (Raymond).  
8.10 p.m.—Announcements;  
ROCK TRIAL Competition.  
8.15 p.m.—THE N.S.W. TRAMWAY BAND: Euphonium solo, "The Cavalier" (Hinton);  
8.20 p.m.—Margie Foster, violinist, in popular melodies: (a) "Lebanon" (Liszt-Menk); (b) "Gavotte" (Gorvic);  
8.25 p.m.—Gwladys Fimister, soprano.  
8.30 p.m.—THE N.S.W. TRAMWAY BAND: Polka, "To the Bells" (Young);  
8.35 p.m.—Margie Foster, violinist: (a) "Eden Alannah" (Keebler); (b) "Helen Rosemarie" (Keebler);  
8.45 p.m.—THE N.S.W. TRAMWAY BAND: Selection, "Echoes of Scotland" (Rimmer);  
8.55 p.m.—Charles Lawrence, entertainer: "The Midnight Murder."

There's the right Burgess for every set.

# CROSLY RADIO



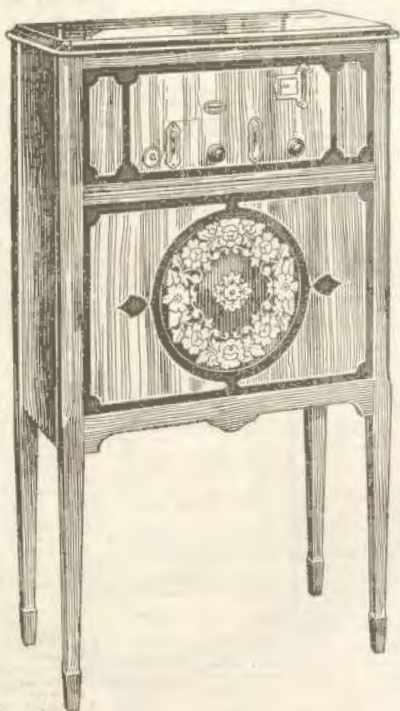
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SYDNEY, N.S.W.

- 8.27 p.m.—THE N.E.W. TRAMWAY BAND:  
March, "Royal Artillery" (Hynes).  
9 p.m.—Latest weather forecast.  
9.3 p.m.—Sam Stern, comedian.  
10 p.m.—THE "RADIO REVELLERS,"  
directed by Mr. Laurence Halbert.  
Opening Chorus.  
10.15 p.m.—Gwilym Ffynnon, soprano.  
10.17 p.m.—A Short Sketch.  
10.23 p.m.—Sam Stern, comedian.  
10.30 p.m.—Shirley Cooke, entertainer:  
(a) "Kentucky Lullaby."  
(b) "Cassini on Me" (Polsek).  
10.35 p.m.—Audrey Buchanan.  
10.40 p.m.—Wally Baynes, comedian.  
10.45 p.m.—Dance Music.  
10.50 p.m.—Gwilym Ffynnon, soprano.  
10.54 p.m.—Charles Lawrence, entertainer.  
10 p.m.—"Big Ben," A Herald Sketch.  
10.5 p.m.—Wally Baynes, comedian.  
10.10 p.m.—Dance Music.  
10.10 p.m.—Shirley Cooke, entertainer:  
"Heir I am" (de Arval).  
10.20 p.m.—Laurence Halbert, baritone, in a popular number.  
10.25 p.m.—Chorus of the "Revelers."  
10.30 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA.  
10.37 p.m.—Late news and announcements.  
11 p.m.—"Big Ben."  
THE WENTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of Mr. Cyril Kaye, will play from the Wentworth Cafe, Church Hill, Sydney, until 11.45 p.m.  
11.45 p.m.—National Anthem.  
Close down.

## 2BL, SYDNEY

Saturday.

EARLY MORNING SESSION.

7 a.m. to 8 a.m.

MORNING SESSION.

- 11 a.m.—G.P.O. Clock and chimes.  
Musical programme from the Studio.  
11.15 a.m.—Serial Notes by Mrs. Jordan. Talk on "Simple 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."  
12.15 p.m.—Sporting and athletic features.  
12.18 p.m.—What's on at the Pictures and Theatres.  
12.20 p.m.—Musical programme from the studio.  
12.49 p.m.—News from "Sun."  
12.50 p.m.—Racing Resume.  
12.55 p.m.—Musical programme from studio.  
1 p.m.—G.P.O. Clock and chimes. Musical programme from studio.  
1.10 p.m.—Sporting talk and athletic features for the day. Lawn Tennis, Hockey, Tennis, Football, Snelling, Boat races.  
1.20 p.m.—Musical programme from the studio.  
1.30 p.m.—G.P.O. Clock and chimes. Talk to children and special entertainment for Children in Hospital.  
1.35 p.m.—G.P.O. Clock and chimes. Social stories.  
1.45 p.m.—Musical programme from the studio.  
1.55 p.m.—Racing Resume.  
2.20 p.m.—G.P.O. Clock and chimes. News from the "Sun."  
During the afternoon sporting information will be broadcast by courtesy of the "Sun," interspersed with musical items and broadcasting of football matches.  
3 p.m.—G.P.O. Clock and chimes. Racing Resume.  
3.5 p.m.—Close down.

EARLY EVENING SESSION.

- 6.15 p.m.—G.P.O. Clock and chimes. Children's session.  
6.30 p.m.—Musical programme from the studio.  
6.45 p.m.—Results of all sporting information including racing, bowls, tennis, athletics, by courtesy of the "Sun."

- 1.20 p.m.—Country News from the "Sun."  
2 p.m.—G.P.O. Clock and chimes.  
Broadcasters' Topical Chorus.  
2.1 p.m.—Sporting programme, with Musical Features by Miss Phyllis Atkinson (soprano), Mr. Leslie Herford (Baritone), Mr. Hubert Watson (comedian), Broadcasters' Trio: Dorothy Manning and Harry (Irish) in song and story.  
2.15 p.m.—The Ambassadors Dance Band broadcast (from the ballroom of the Ambassadors). During intervals between dances, "Sun" news will broadcast.  
12 midnight.—G.P.O. Clock and chimes.  
National Anthem.

## 2UW, SYDNEY

Saturday

- 7 p.m.—Where to Go.  
7.30 p.m.—Musical items.  
9.10 p.m.—Close down.

## 3LO, MELBOURNE.

Saturday MORNING SESSION.

- 11.5 a.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS.  
11.10 a.m.—MILDRED AND CONNIE, "Virginia."  
11.20 a.m.—SIGNOR PALMETTO, "Selection from Lohengrin" (Wagner).  
11.31 a.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS.  
11.37 a.m.—SIDNEY BURKHALL, Baritone: "The Love Player."  
11.44 a.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS.  
11.54 a.m.—SIGNOR PALMETTO, "Star" (Olivier Pichery).  
"A Double Song."  
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, Buenos and the Australian Press Association Cable; "Argus" News Service.  
12.20 p.m.—HUGHAM'S BROADCASTERS: In an Oriental Musical Setting.  
"A DREAM OF THE EAST."  
12.40 p.m.—Stock Exchange Information.  
12.45 p.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS.  
12.53 p.m.—ELEANOR DAVIES, soprano: "Pierrot" (Debussy).  
"Wind in the Trees" (Goring Thomas).  
1.5 p.m.—Meteorological Information; Weather Forecast for Victoria, Tasmania, South Australia and New South Wales; Green Forecasts; River Reports; Detailed for Victoria, Tasmania, South Australia and New South Wales.  
1.35 p.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS.  
1.16 p.m.—HARRY CASL, Comedian: "The Away to Lows."  
1.22 p.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS.  
1.29 p.m.—SIDNEY BURKHALL, Baritone: "If You See Sally" (Donalson).  
"Mother of Fear" (Hall).  
1.37 p.m.—Description of Howell, FORBURG v. UNIVERSITY, at COBURG, by Mr. Percy Steel.  
1.47 p.m.—ELKIE DAVIES, Soprano: "The Swan" (Grieg).  
"My Heroic Bird" (his Bird My Hair" (Baldy).  
1.54 p.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS.  
2 p.m.—Description of Handle Race, two miles, WILLIAMSTOWN RACES, by "Muskie" of "The Sporting Globe."  
2.23 p.m.—Description of Howell, COBURG v. UNIVERSITY, at COBURG, by Mr. Percy Steel.  
2.35 p.m.—Description of Handle Race, 4 Furlongs, WILLIAMSTOWN RACES, by "Muskie" of "The Sporting Globe."

- 2.45 p.m.—Description of LEAGUE FOOTBALL, GEELONG v. MELBOURNE, at Geelong, by Mr. Rod McGregor.  
AFTERNOON SESSION.  
3 p.m.—STUDIO ORCHESTRA: "The Volta Boatman" (Japhras Wainwright).  
3.5 p.m.—Description of Underwood Stakes, 1 mile, WILLIAMSTOWN RACES, by "Muskie" of "The Sporting Globe."  
3.10 p.m.—Description of LEAGUE FOOTBALL, GEELONG v. MELBOURNE, at Geelong, by Mr. Rod McGregor. Quarter time.  
3.25 p.m.—STUDIO ORCHESTRA: "Chu Chin Choo" (Fletcher).  
3.40 p.m.—Description of Steeplechase, 2 miles, WILLIAMSTOWN RACES, by "Muskie" of "The Sporting Globe."  
3.50 p.m.—STUDIO ORCHESTRA: "Rose Marie" (Frim).  
4 p.m.—Description of LEAGUE FOOTBALL, GEELONG v. MELBOURNE, at GEELONG, by Mr. Rod McGregor. Half time.  
4.15 p.m.—Description of Assault Handicap, 2 miles, Geelong, by "Muskie" of "The Sporting Globe."  
4.20 p.m.—STUDIO ORCHESTRA: "Tell Me" (Gottschalk).  
4.40 p.m.—Description of LEAGUE FOOTBALL, GEELONG v. MELBOURNE, at GEELONG, by Mr. Rod McGregor.  
4.45 p.m.—Description of Welter Handicap, 1 mile, WILLIAMSTOWN RACES, by "Muskie" of "The Sporting Globe."  
4.50 p.m.—Herald News Service. Stock Exchange Information.  
5 p.m.—Description of LEAGUE FOOTBALL, GEELONG v. MELBOURNE, at Geelong, by Mr. Rod McGregor. Final Score.  
5.10 p.m.—Close Down.  
EVENING SESSION.  
5.30 p.m.—Sporting results.  
5.45 p.m.—Answers to letters and birthday greetings by "LITTLE MISS KOOKABURRA."  
6.15 p.m.—STUDIO ORCHESTRA: "Little Song for Little Children."  
"Vaux L'Enfant" (Blasi).  
6.20 p.m.—CARLTON AND SINCLAIR "How the Jollyfish John his Bones" (Japanese Folk Tale).  
"To the Star" (McFowell).  
"From the Gods" (Carroll).  
"The Grey Bird."  
"The Prophet Bird" (Schumann).  
6.35 p.m.—Herald news service. Weather reports. Shipping movements.  
6.45 p.m.—Stock Exchange reports.  
6.47 p.m.—Fish Market report, by J. R. Barrett Ltd. Rabbit prices.  
6.50 p.m.—River reports.  
6.55 p.m.—Newmarket sheep sales, by the Associated Stock and Station Agents, Heavit Street, Melbourne. Market reports, by the Victorian Farmers' Co-operative Company Ltd. (Wool, Hides, Skins, Fat, Bone Prods., Potatoes and Onions).  
7 p.m.—Market reports of fruit, by the Victorian Fruitgrowers' Association.  
NIGHT SESSION.  
7.15 p.m.—MR. T. F. COOKE will read out "Traveling Library."  
7.20 p.m.—MR. E. B. BACOTT will speak on "Great Botanical Travels."  
7.30 p.m.—STUDIO ORCHESTRA: "Silver Bell" (Hauptmann).  
7.40 p.m.—HUGHAM'S BROADCASTERS in a Wayback Comedy Musical Scene, "AT THE FARMER'S BALL."  
7.45 p.m.—MELBOURNE CHORAL UNION: "Farewell" (Mrs. Murrills) Madrigal. "Waste Flowers" (Wortmills). Chorus, "Tide Ho."  
7.49 p.m.—STUDIO ORCHESTRA: "Selection."  
7.55 p.m.—DIALOGUE "OVER THE BUNNERS" by Carol Waterston and Teresa Spring.  
8 p.m.—STATION TRIO: "Trio" (Boettcher).  
8.15 p.m.—SIGNOR PALMETTO: "Two Danish Tales."  
8.20 p.m.—STUDIO ORCHESTRA: Overture of English Airs.

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- 9.42 p.m.—A Description of a journey through the Philippines.
- 10.19 p.m.—News and Announcements.
- 10.19 p.m.—THE SYDNEY ORCHESTRA: "Orpheus in der Antarktis" (Offenbach).
- 10.22 p.m.—BIGNON PALMETTO, tenor: "Star" (Oliver S. Parker).
- 10.22 p.m.—"Dreams of Long Ago."
- 10.50 p.m.—Late Sporting Results.
- 10.50 p.m.—ELISE DAVIES, soprano: "She Wrote a Wreath of Roses."
- 10.50 p.m.—"Honey Mary"
- 10.47 p.m.—STUDIO ORCHESTRA: "Cajunette" (Jackson).
- 10.53 p.m.—SID BURCHALL, comedian: "Sergeant of the Line" (Spire).
- 10.53 p.m.—"White House."
- 11 p.m.—THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TODAY IS FOR FREDETRIANS: "Stop, look and think before you act. Don't take chances."
- OUR GREAT THOUGHT: "As the ancient seer say, Have a care of 'th' main chance. And look before you ere you leap— For as you sow 'ye' like to reap."
- 11.1 p.m.—JOE ARSONIAN AND HIS SYNCO-SYMPHONISTS.
- 11.40 p.m.—GOD SAVE THE KING.

### 4QG, BRISBANE.

#### Saturday.

NO MIDDAY TRANSMISSION.  
AFTERNOON SESSION.

- 6.30 p.m.—A Matthew for Little Islanders, by Miss Warburton.
- 6.50 p.m.—Close down.

#### EARLY EVENING SESSION.

- 6.30 p.m.—Bedtime Stories by "Uncle Tom."
- 7.15 p.m.—Musical results.
- 7.50 p.m.—Today's Football, play described.
- 9.40 p.m.—Sailing Notes by Mr. P. South.

#### NIGHT SESSION.

##### THE JEFFERIES QUARTETTE.

- 8 p.m.—"The 2nd Signal from Perth Observatory," Miss Mary Jefferies (cello), Miss Adeline Collings (piano), violin solo, "Deep River" (arr. Klumpp), Miss Vania Jefferies, soprano solo, "June" (Quiller), Miss Elipheth Capper, pianoforte solo, "Old Vienna" (Godevsky), "Arabesque" (Debussy), Miss Adeline Collings, cello solo, "Rose" (Hollister), Miss Mary Jefferies, trio (a) "Swedish Folk Song" (arr. Svendsen), (b) "The Guitar Player" (Schreyer), the Jefferies Trio, "Missa solis," "Fronzolina and Allegro" (Fronzi-Krieger), Miss Vania Jefferies, soprano, "I Love the Jucosa Dance" (Davies), Miss Elipheth Capper, cello solo, "Missa" (Berkeby), Miss Mary Jefferies, (arr. Adams) and "Alex Rander" (Haydn), the Jefferies Trio.
- 9 p.m.—Meteorological weather forecast.
- 9.15 p.m.—MOTOR RACES.

##### FROM THE DAVIES PARK SPEEDWAY—

LENNON'S BALLEROOM.

- 10 p.m.—Dance music.
- 10.30 p.m.—"The Sunday Mail" news; weather news.
- Close down.

### SCL, ADELAIDE.

#### Saturday.

##### MORNING SESSION.

- 11 a.m.—Chimes.
- 11.1 a.m.—Studio Music.
- 11.10 a.m.—"Advertiser" news service.
- 11.20 a.m.—Studio Music.
- 11.30 a.m.—"Advertiser" news service.
- 11.50 a.m.—Studio Music.
- 12 noon.—Chimes. Station announcement and close down.

#### AFTERNOON SESSION.

1 p.m.—Banning description of Grand National Meeting by Mr. Arnold Treason. During the afternoon a description of the Start versus Lancing Football match by Broadland from Unley. Also a description of the West Torrens versus North Adelaide match at approximately 5.15 p.m. Final scores of the a.m. and v.c. Football Matches and results of local and interstate racing.

#### EVENING SESSION.

- 6 p.m.—Chimes.
- 6.1 p.m.—Relay from the Covent Garden Restaurant: Orchestral selections.
- 6.30 p.m.—Bedtime stories by Leslie Knoll and Uncle Jack.
- 7.05 p.m.—Market reports sporting information, Automobile Association bulletin.
- 8 p.m.—Chimes.
- 8.1 p.m.—Mrs. H. James, contralto.
- 8.15 p.m.—Ken Hughes, tenor.
- 8.15 p.m.—Talk by the Rev. G. E. Hais I.A. (Approx.) 8.30 p.m.—Relay from the Exhibition Building, by the kind permission of the management. Description of the Wrestling Match.
- 9.45 p.m.—Ken Hughes, tenor.
- 9.45 p.m.—Fred Gibbons, cello.
- 9.57 p.m.—Mrs. H. James, contralto.
- 10 p.m.—Racing results. Sporting information and league football results.
- 10.15 p.m.—Fred Gibbons, cello.
- 10.15 p.m.—Ivan Fraser, comedian.
- 10.25 p.m.—Relay from the Malvern Gleece.
- 10.35 p.m.—Miss DeKean, elocutionist.
- 10.42 p.m.—Relay from Malton Gleece.
- 11 p.m.—Ivan Fraser, comedian.
- 10.57 p.m.—Miss DeKean, elocutionist.
- 11 p.m.—Relay from Malton Gleece.
- 11.40 p.m.—Tomorrow's programme, station announcements, weather reports, National Anthem.

### 6WF, PERTH.

#### Saturday.

- 12 noon.—Tune in.
- 12.5 p.m.—Musical programme, including Pianoforte selections by Miss Evelyn Willis. A.M.C.M.
- 12.47 p.m.—Market, News and Cable.
- 1 p.m.—"2nd Signal from Perth Observatory," 1.1 p.m.—Weather Note, supplied by the Meteorological Bureau of Western Australia.
- 1.2 p.m.—Close down.
- 1.15 p.m.—Tune in.
- 1.29 p.m.—Football results (Quarter time scores).
- Racing results.
- 2.30 p.m.—Close down.
- 2.45 p.m.—Tune in.
- 3.00 p.m.—Uncles Perry and Rag with the Radio Bird.
- 7.10 p.m.—Sports results, by courtesy of "The Mirror" Newspaper Coy.
- 7.20 p.m.—Market Reports.
- Cables, News by courtesy of "The West Australian" Newspaper Coy.
- Late News items by courtesy of "The Daily News" Newspaper Coy.
- Ships within range announcement.
- 7.45 p.m.—Talk.
- 8 p.m.—"2nd Signal from Perth Observatory."
- 8.1 p.m.—Weather Notes, supplied by the Meteorological Bureau of Western Australia.
- MUSIC AND SONG.
- 8.3 p.m.—Musical programme, including Vocal Assisting Articles.
- 8.4 p.m.—Late News Items, by courtesy of "The Daily News" Newspaper Coy.
- Ships within range announcement.
- Weather Report and Forecast.
- Sports results, by courtesy of "The Mirror" Newspaper Coy.
- 10.30 p.m.—Close down.

### Sunday, August 28 2FC, SYDNEY.

#### MORNING SESSION.

- 10.55 a.m.—Programme announcements.
- 11 a.m.—From St. Stephen's Church, Phillip

Street, Sydney. The Morning Service, conducted by Rev. Hugh Paton.
- 12.15 p.m.—From St. Andrew's, News service.
- 12.30 p.m.—Close down.

#### AFTERNOON SESSION.

- 3 p.m.—"Big Ben" and programme announcements.
- 3.5 p.m.—An Address from the Studio by the Rev. Fleckhart, of the Presbyterian Church, Walthamston. Subject: "Spheres of Service in the Home, in Business, and in Society."
- 3.50 p.m.—The Manx Municipal Band, conducted by Mr. J. Phobson (from the Maid Kotunda, Manly Beach).
- 4.30 p.m.—Close down.

#### NIGHT SESSION.

- 8 p.m.—"Big Ben" and announcements.
- 8.5 p.m.—A Talk by Brunton Gibb, on the personality of Thomas Edison.
- 9.20 p.m.—From the Peterborough Congregational Church: An Organ Recital by Mr. Christen Hellenmark.
- 9.30 p.m.—"Big Ben" The Evening Service from the Peterborough Congregational Church, conducted by the Rev. A. P. Doran.
- 10 p.m.—From St. Francis, Albion Street, Sydney. A Grand Concert, conducted by the Rev. G. Ellis Herlihy. As His Grace Archbishop Kelly enters the Church, the Choir will sing, "Dante's Requiem" Rossini Ragusa." The Rev. Fr. Herlihy will welcome His Grace.
- 10.15 p.m.—Overture.
- "Justice, my O Lord" (Mendelssohn), Miss Marie Tooley.
- 10.30 p.m.—Choral: "I was in captivity Moors" (Victoria).
- "Kyrle" (Schubert), St. Francis' Choir.
- 10.38 p.m.—Vocal Solo: "If with all Your Hearts" (Mendelssohn), Mr. George McNelly.
- 10.55 p.m.—Choral: "Garden of Flowers" (Denia), St. Francis' Juvenile Choir.
- 11 p.m.—Pianoforte solo: (a) "Nocturne" (Chopin).
- (b) "Finale" (2nd Suite) (York Bowen), Kathleen Fitzgerald.
- 8.4 p.m.—Choral, "Credo" (Bethoven), St. Francis' Choir.
- 10.18 p.m.—Violin solo: "Theme and Variations" (Corelli-Krieger), St. Francis' Juvenile Choir.
- 10.34 p.m.—Choral, "Te Deum" (Mozart), St. Francis' Choir.
- 10.56 p.m.—Interval of 10 minutes.
- During the interval the President of St. Anthony's Home will broadcast a short speech.
- 9.5 p.m.—Overture, "Frodoak"—"Lento" (Thompson), Miss Marie Tooley.
- 9.8 p.m.—"Salm Regina" (de Pasqual), St. Francis' Choir.
- 10.12 p.m.—Pianoforte solo: "Finale, 6 Minor Sonata" (Chopin), Miss Kathleen Fitzgerald.
- 10.18 p.m.—Choral, "Antiphona" (Casciolini), St. Francis' Choir.
- 10.19 p.m.—Violin solo: "Adagio Religioso" Concerto No. 14 (Vivaldi), Mr. Ernest Hoagwood.
- 10.25 p.m.—Vocal: "Gloria in Excelsis" (Gruber), St. Francis' Choir.
- 10.25 p.m.—Violin solo: "Gloria in Excelsis" (Gruber), St. Francis' Choir.
- 10.25 p.m.—Violin solo: "Gloria in Excelsis" (Gruber), St. Francis' Choir.
- (a) "O, was there ever loveliness like You" (Maunder), Mr. Ernest Hoagwood.
- (b) "Sound an Alarm" (Handel), Mr. Ernest Hoagwood.
- 10.30 p.m.—Vocal: "Te Deum" (Terrabegie), St. Francis' Choir.
- 10.34 p.m.—His Grace, the Archbishop, and the Rev. Father Mealy, General Secretary of the Australasian Eucharistic Congress, 1927, will broadcast short speeches on matters of Congress interest.
- 9.45 p.m.—Lionel Lawson, violinist (from the studio).
- 10.09 p.m.—Raymond Ellis, English operatic baritone.
- 10.15 p.m.—Lionel Lawson, violinist.
- 10.16 p.m.—Raymond Ellis, baritone.
- 10.20 p.m.—National Anthem.



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## 2BL, SYDNEY.

## Sunday.

- 10.45 a.m.—Special news service.  
11 a.m.—Service broadcast from Chalmers Presbyterian Church.  
2 p.m.—Special Children's Service.  
2.15 p.m.—Musical items from the studio.  
2.45 p.m.—News Items.  
3 p.m.—Miss Hazel McGilvray (maestro soprano).  
3.15 p.m.—Mr. Roy Scrivener (baritone).  
3.34 p.m.—Miss Hazel McGilvray.  
3.51 p.m.—Mr. Roy Scrivener.  
4.20 p.m.—Organ recital broadcast from Chalmers Presbyterian Church.  
4.30 p.m.—Bible Class Conducted by Mr. W. "Calo" Bradley.  
5.15 p.m.—Close Down.  
5.45 p.m.—Children's Service.  
7 p.m.—Service broadcast from St. Jude's Church of England, Randwick.  
8.30 p.m.—Broadcasters' Trio.  
9.40 p.m.—Mr. W. E. Lewis, (baritone).  
9.47 p.m.—Mr. Edmund Duggan, in a dramatic recitation.  
10.55 p.m.—Duet: Miss Dorrie Ward and Mr. W. E. Lewis.  
9 p.m.—L.P.O. Clock and chimes.  
Weather report and forecast by courtesy of Mr. C. J. Marns, Govt. Meteorologist.  
9.15 p.m.—Professor Randal Woodhouse (tenor).  
9.32 p.m.—Miss Dorrie Ward (soprano).  
9.52 p.m.—Broadcasters' Trio.  
9.25 p.m.—Mr. W. E. Lewis.  
9.35 p.m.—Mr. Edmund Duggan.  
9.55 p.m.—Professor Randal Woodhouse.  
9.45 p.m.—Miss Dorrie Ward.  
9.55 p.m.—Duet of following day's programme.  
10.45 p.m.—Broadcasters' Trio.  
10.6 p.m.—National Anthem.

## 2UW, SYDNEY

## Sunday.

- 10.30 a.m.—Musical items and announcements.  
12.30 p.m.—Close down.  
7 p.m.—Musical item.  
9.30 p.m.—Close down.

## 3LO, MELBOURNE.

## Sunday.

## MORNING SESSION.

- 10.30 a.m.—Express train information. Belts from St. Paul's Cathedral.  
10.45 a.m.—MORNING SERVICE FROM ST. PAUL'S CATHEDRAL.  
Preacher: REV. C. H. NASH.

## AFTERNOON SESSION.

- 3 p.m.—Hymn—"Sing We the King Who is Coming to Help."  
Prayer: REV. C. IVING BENSON.  
Orchestral Selection.  
Hymn: "Mine Eyes Have Seen the Glory of the Coming of the Lord."  
Solo: MISS MAY ALBERTA.  
Orchestral Selection.  
Solo: MISS MAY ALBERTA.  
Bible.  
Offering.  
Orchestral Selection.  
Address: BISHOP CRANWICK.  
National Anthem.  
Benediction.

## EVENING SESSION.

## CHILDREN'S HOUR.

- 5.20 p.m.—Answers to letters and further questions by BOBBY BILBEUCU.  
6 p.m.—Hymns and Songs by "THE PIED PIPERS."

6.25 p.m.—"BROTHER BILL," will take the children  
"Out in the open sea."  
THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for today is for  
CHILDREN—"Keep off the railroad tracks, avoid disaster—trains are a million times bigger and faster."  
6.40 p.m.—Bells from St. Paul's Cathedral.

## NIGHT SESSION.

EVENING SERVICE FROM TOORAK PRESBYTERIAN CHURCH.  
Preacher, REV. JOHN MacKENZIE, M.A. Organist, Mr. James Hudson.  
7 p.m.—Introit, "Holy, Holy, Holy," Invocation.  
Hymn 608, "Hark, Hark, My Soul," 404 Testament Lesson.  
Prayer.  
Prose Chant, 61, "Praise Waiteth for Thee," New Testament Lesson.  
Trinity, "Procession to Through the Evening Night" (Churchman).  
Hymn 272, "Onward, Christian Soldiers," Invitations.  
Offertory and Anthem: "Holy Blessed Trinity" (Tschakowsky).  
SIGMON.  
Prayer.  
Hymn 111, "The Day Thou Gavest," Benediction.  
Vesper Hymn, Seventfold Amen.  
5.20 p.m.—Shipping information.  
FROM ST. MARY'S HALL, GEELONG.  
8.1 p.m.—ST. MARY'S CHOIR CONCERT—CHOIR AND ORCHESTRA:  
"Kyrie" (Haydn).  
JOHN DONNELLY.  
"The Hour" (Fischer).  
SIGNOR G. CANDELLA, Solo.  
"Fantasia Brillante," from Lucia (Bergli).  
MARIK MCCOY.  
"Merry for Me" (Meyerbeer).  
ORCHESTRA:  
"Light Cavalry" (Suppe).  
MISS R. W. DORSON.  
"The Saintsbury" (Barton).  
MAISIE RAMSAY.  
"Je Suis Thérèse"—Mignon (Thomas).  
"The Waters of Minnetonka" (Laurance).  
"Fate Obligato" by G. Candelita.  
CHOIR AND ORCHESTRA:  
"Credo"—Messa. Solenne (Gounod).  
FROM THE STUDIO.  
"Agnus" news service. Announcements.  
THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for today is for  
MOTORISTS—"Safety. First, last, always—be your car under control!"  
FROM GEELONG.  
ORCHESTRA:  
"Rhapsody" (Liszt).  
MRS. E. W. DORSON and JOHN DONNELLY, Duet.  
"The Day is Done" (Albani).  
ERNEST O'LEARY, Tenor.  
"If With All Your Hearts"—Elijah (Mendelssohn).  
ALMA O'BRIEN, MERRA BODDINGTON, WILLIAM RAMSON and JAMES MUNDAY, Quartet.  
"The Hour" (Nevin).  
ORCHESTRA, selected.  
MAISIE RAMSAY.  
"Charmant Oiseau" (David).  
(La Perle du Brésil).  
"Rhapsody."  
(Fate Obligato by G. Candelita).  
CHOIR AND ORCHESTRA.  
"Gloria" (Haydn).  
FROM THE STUDIO.  
Our Great Thought for To-night is:  
"Through zeal, knowledge is gotten, through lack of zeal knowledge is lost; let a man who knows this facile path of gain and loss thus place himself that knowledge may grow."  
10 p.m.—GOD GAVE THE KING.

## 4QG, BRISBANE.

## Sunday.

## MORNING SESSION.

CITY TABERNACLE.  
The complete morning service will be relayed from the City Tabernacle, Baptist Church.  
FROM THE CITY TABERNACLE.  
11 a.m.—Service, Call to Worship (Scripture text); Invocation; followed by Lord's Prayer (chant); hymn 1st, "O Jesus, King Most Merciful"; Scripture, Isaiah 53; solo, "Prayer" (Casta); Miss Eva Lewis; children's address; hymn 776, "Father, Lead Me Day by Day"; prayer, anthem, "O Come Let Us Worship" (Mendelssohn); notice and offering; dedicatory prayer; hymn 413, followed by "The Way and the Weeping"; sermon, "On Making the Wilderness into a Garden" (text, Isaiah 55, verse 1); hymn 151, "Crown Him with Many Crowns"; the benediction.  
12.30 p.m.—Close down.

## AFTERNOON SESSION.

## BAND CONCERT.

CITIZENS' BAND.  
The concert by the Citizens' Band will be relayed from the Botanic Gardens.  
FROM THE BOTANIC GARDENS—  
2.15 p.m.—Band concert.  
4.30 p.m.—Close down.

## NIGHT SESSION.

## CITY TABERNACLE.

The complete evening service will be relayed from the City Tabernacle, Baptist Church.  
FROM THE CITY TABERNACLE.  
7 p.m.—Children's Service; Prayers, solo, "Providence," Miss Ray Stone; reading, Judges 14, 5-9; children's story, doubt, "Stories of Jesus," Misses Ray Stone and Mollie Henderson; prayer.  
7.25 p.m.—Chorus, "Pilgrim's Chorus" (Wagner); Call to Worship (Scripture text); Invocation, followed by Lord's Prayer (chant); hymn 155, "Beneath as We Breathe of God"; Scripture, Psalm 107, 1-22; solo, "Jesus of Nazareth, King" (Hamelin); Mr. W. Donald; prayer, hymn 154, "How Sweet the Name of Jesus Sounds"; notice and offering; dedicatory prayer; anthem, "O For the Wings of a Dove" (Mendelssohn); hymn 224, "Lord Speak to Me, that I May Speak"; sermon, "The Duty of Expression," text, Psalm 107, verse 2; hymn 608, "The Day Thou Gavest Lord, is Ended"; Vesper.  
At the conclusion of the church service the concert by the Brisbane Municipal Concert Band will be relayed from Wickham Park.  
8.30 p.m.—Band concert.  
9.40 p.m.—Close down.

## 5CL, ADELAIDE.

## Sunday.

## MORNING SESSION.

11 a.m.—Relay from the Rose Park Congregational Church; Divine Service.  
Preacher, Rev. Watta Grimmett, M.A.

## AFTERNOON SESSION.

2 p.m.—Relay from the Glencoe Congregational Church.  
Rev. A. C. Stevens, M.A., presiding.  
Hymn, "Light is the Good Fight."  
Prayer and L.P.  
Solo, Mr. Alan Nightingale, "The Message."  
Talk to the children: "Signal Lights."  
Notice and Offering.  
Athletic Choir.  
Hymn, "O Worship the King."



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Address, "A Brighter Sunday" solo, Miss Lorna Whitla.  
Hymn, "Stand up, Stand up for Jesus" Benediction.

## EVENING SESSION.

- 6.30 p.m.—Chimes.  
6.31 p.m.—Running time of the West West Express.  
6.32 p.m.—Sunday Stories by Uncle Radio.  
6.42 p.m.—Relay from the Dixie Street Methodist Church, Divine Service.  
Preacher, Rev. J. W. Grove, M.A.  
6.10 p.m. (approx.)—Relay from the Malvern Glee club, a programme of instrumental music by the Malvern Orchestra.  
Vocalists, Miss Lorna Kerran, contralto, and Mr. Gerald Healy, tenor.  
6.11 p.m.—Meteorological information.  
6.13 p.m.—Talk by Mr. F. H. Nicholls: "Wider Horizons."  
6.18 p.m.—Relay from the Malvern Glee club.  
6.23 p.m.—To-morrow's programme.  
Station announcements.  
Meteorological information.  
10 p.m.—National Anthem.

## 6WF, PERTH.

## Sunday.

- 10.15 a.m.—Tune in.  
11 a.m.—Morning Service, relayed from the Wesley Church, Hay Street, Perth.  
Preacher, Rev. J. W. Grove, M.A., LL.D.  
12.16 p.m.—Close down.  
2.39 p.m.—Tune in.

## FROM THE STUDIO.

- 8.35 p.m.—Musical programme, including Vocal soloist. Artists:  
Mr. Leslie Johnson, pianist.  
4.30 p.m.—Close down.  
7 p.m.—Tune in.  
7.5 p.m.—Children's bedtime stories, by Mr. John Tucker.  
5.30 p.m.—Evening Service, relayed from the Seventh Day Adventist Church, May Street, Brisbane.

## IN THE STUDIO.

- 8.45 p.m.—Musical programme, including Artists.  
10 p.m.—Close down.

Monday, August 29  
2FC, SYDNEY.

## EARLY MORNING SESSION.

7 a.m. to 9 a.m.

## MORNING SESSION.

- 10 a.m.—"Big Ben" and announcements.  
10.3 a.m.—Studio music.  
10.45 a.m.—"Sydney Morning Herald" news service.  
10.50 a.m.—Studio music.  
10.55 a.m.—Late minute racing information by the 2FC racing commissioner.  
10.58 a.m.—Studio music.  
11 a.m.—"Big Ben." Marching music for school children.  
11.15 a.m.—A.P.A. and Route's cables.  
11.30 a.m.—A reading.  
11.50 a.m.—Close down.

## MIDDAY SESSION.

- 12 noon—"Big Ben" and announcements.  
12.2 p.m.—Stock Exchange, first call.  
12.3 p.m.—Weather forecast, rainfall.  
12.6 p.m.—Studio music.  
12.10 p.m.—Summary of "Sydney Morning Herald" news service.  
12.25 p.m.—Rugby wireless news. Studio music.

- 12.30 p.m.—Marching music for school children.  
12.4 p.m.—Eileen Sempie, contralto: "Hindoo Song" (Bemberg).  
12.45 p.m.—Studio music.  
12.50 p.m.—THE OAK HALL INSTRUMENTAL TRIO (leader, Mr. Horace Keane).  
12.55 p.m.—Studio music.  
1 p.m.—"Big Ben." Weather intelligence.  
1.3 p.m.—"Evening News" midday news service.  
1.45 p.m.—Distributing Society's report.  
1.50 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
1.58 p.m.—Stock Exchange, second call.  
1.58 p.m.—Marching music for school children.  
2.00 p.m.—Eileen Sempie, contralto: "My Dear Soul" (Sanderson).  
2.05 p.m.—Studio music.  
2.10 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
2 p.m.—"Big Ben." Close down.

## AFTERNOON SESSION.

- 3 p.m.—"Big Ben" and announcements.  
3.5 p.m.—A postcard by the pupils of Miss May Cooper.  
3.59 p.m.—Marching Music for School Children.  
3.59 p.m.—Florence Grant, Soprano: "Angels Guard Thee" (Gondard).  
(With Violin Obligato).  
3.45 p.m.—The Oak Hall Trio.  
3.50 p.m.—Eileen Sempie, Contralto: "A Song of Quaintness" (Wood).  
3.55 p.m.—Further items by a Pupil of Miss May Cooper: Recitation, "My Little Rose," Miss Lily Coleman.  
4.0 p.m.—Joanette Rooney, Contralto: "Far Across the Desert Sands" (Woodford).  
4.0 p.m.—The Oak Hall Trio.  
4.05 p.m.—Miss E. Baker: Solo, "Morning" (Spinks), (Pupil of Miss May Cooper).  
4.20 p.m.—Florence Grant, Soprano: "I Hear a Thrush at Eve" (Caldman).  
4.25 p.m.—The Oak Hall Instrumental Trio.  
4.35 p.m.—Kitty Poole, Soloist: "I Need Lovin'" (Creecher).  
4.45 p.m.—Joanette Rooney, Contralto: "Awakening" (Oswald Anderson).  
4.48 p.m.—Stock Exchange, third call.  
4.49 p.m.—Eileen Sempie, Contralto: "At Dawning" (Caldman).  
4.53 p.m.—Kitty Poole, Soloist: "The Packard and the Ford" (Carroll).  
4.58 p.m.—Studio Music.  
5.0 p.m.—"Big Ben"; Close Down.

## EARLY EVENING SESSION.

- 5.40 p.m.—The Chimes of 2FC.  
5.45 p.m.—The "Hello Man" Talks to the Children.  
6.30 p.m.—Mr. J. R. Kingherne tells the story of "Pinch the Rabbit."  
6.40 p.m.—Dinner Music.  
6.45 p.m.—"Big Ben." Late Sporting News.  
6.50 p.m.—Dalecky's Market Reports (Wool, Wheat and Stock).  
6.55 p.m.—Fruit and Vegetable Markets.  
7.00 p.m.—Weather and Shipping Intelligence.  
7.25 p.m.—"Evening News" Late News service.

## NIGHT SESSION.

- 7.30 p.m.—Programme Announcements.  
7.42 p.m.—Madame Betty Vianon will conclude her series of musical lectures dealing this evening with Greig.  
7.46 p.m.—Mrs. W. A. Holman will continue her series of talks, dealing this evening with "Cairo and the Pyramids."  
7.50 p.m.—Announcing an Old Time Programme.  
8.0 p.m.—"Big Ben." The Haymarket Operatic Orchestra of 20 members, under the baton of Mr. Stanley Porter.  
8.12 p.m.—The Winner of the Maac Competition, No. 7.

- 8.17 p.m.—Edna Dowse, Violinist:  
(a) "Romance" from 2nd Concerto (Wies-Isarski).  
(b) "Tempo di Minuetto" (Paganini-Krutzler).  
8.20 p.m.—Fozzy Dunbar, Contralto, two old favourite numbers:  
(a) "Robin Adair" (Old British).  
(b) "Out on the Rocks" (Dobley).  
8.26 p.m.—The Sydney Harmonic Society's "Love's Old Sweet Song" of old-time numbers, (from the Baptist Hall).  
(a) Male Chorus, "The Old Folks at Home" (Negro Melody).  
(b) Song and Chorus, "John Peel" (Old English Song).  
(c) Male Chorus, "Dreadful" (Buffs).  
8.40 p.m.—C. Lema, Cornet Solo:  
(a) "Swallow Song" (Muller).  
8.45 p.m.—Laurence Macaulay, Baritone:  
(a) "Nancy Lee" (Adams).  
(b) "Village Blacksmith" (Weiss).  
8.50 p.m.—G. J. Locky remembers some old-time Bookstellers.  
8.5 p.m.—"Big Ben." Ernest Archer, Tenor, in recent numbers: "Lament Weather Forecast."  
(a) "Blessed Mary of Arzic."  
(b) "There" (Adams).  
9.5 a.m.—Edna Dowse, Violinist:  
(a) "Serenade" (Rubynik).  
(b) "Swallow Song" (Muller Wood).  
9.42 p.m.—The Haymarket Operatic Orchestra, under the baton of Mr. Stanley Porter.  
9.15 p.m.—From the Haymarket Theatre, while the orchestra is playing, will be described the exciting scenes to the next featured in the new film "Knocton Ritz." Realistic efforts will be woven into the description by the Theatre Staff, with a background of music supplied by the Orchestra.  
9.30 p.m.—Fozzy Dunbar, Contralto (from the Haymarket Theatre):  
(a) "Lampost Sing the Old Song" (Clemens).  
(b) Selected.  
9.36 p.m.—C. Lema, cornet solo:  
(a) "La Paloma" (Traylor).  
9.45 p.m.—The Sydney Harmonic Society's Chorus (from the Baptist Hall):  
(a) Ladies' Chorus "Morning" (Brahm).  
(b) Part Song, "Strife the Love" (Cook) (by request).  
(c) Part Song, "Carlson" (Gardiner).  
(d) Male Chorus, "Viking's Song" (Coles-Fisher Tenor).  
10 p.m.—"Big Ben."  
Joe Cahill, entertainer:  
"O'Malley's Sister."  
10.5 p.m.—Laurence Macaulay, baritone:  
(a) "Nancy Lee" (Adams).  
(b) "Village Blacksmith" (Weiss).  
10.12 p.m.—Edna Dowse, violinist:  
"Landscape" (Kreutzer).  
10.17 p.m.—Ernest Archer, tenor:  
(a) "Somewhere a voice is calling."  
(b) "Magnificat" (Lovers).  
10.23 p.m.—C. Lema, cornet solo:  
"Stig me to Sleep" (Griete).  
10.29 p.m.—Laurence Macaulay, baritone:  
(a) "Sox is England's Glory" (Glover).  
(b) "The Valley by the Sea" (Adams).  
10.35 p.m.—Cyril Gray and his Orchestra in dance numbers.  
10.44 p.m.—Joe Cahill, entertainer:  
"Devil may care" (Tarlton).  
10.50 p.m.—Cyril Gray and his Orchestra.  
10.57 p.m.—Late news and announcements.  
11 p.m.—"Big Ben."  
Joe Cahill, entertainer:  
"When your pants begin to Go" (Lawson).  
11.4 p.m.—Cyril Gray and his Orchestra in dance numbers until 11.30.  
11.30 p.m.—National Anthem.  
Close down.



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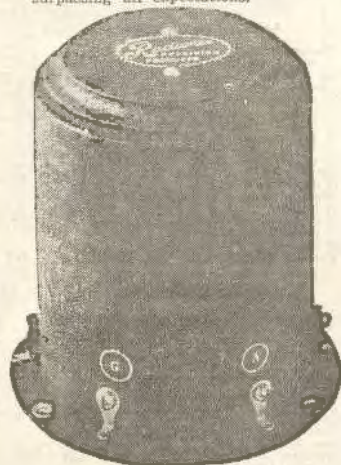
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## 2BL, SYDNEY

Monday.

## EARLY MORNING SESSION.

7 a.m. to 8 a.m.

## MORNING SESSION.

- 10.30 a.m.—G.P.O. Clock and chiming. Musical programme from the studio.
- 10.45 a.m.—News from the "Daily Telegraph" Victoria.
- 11 a.m.—G.P.O. Clock and chiming. Announcements.
- 11.5 a.m.—Musical programme from the studio
- 11.55 p.m.—Talk on "Tennis" by Miss Gwen Varley. Broadcasters Women's Sports Authority.
- Social Notes—Replies to correspondents by Mrs. Jordan. Talk on "Your health and your breakfast" by Mrs. Jordan.
- 12 noon.—G.P.O. Clock and chiming. Special Ocean Forecast and weather report.
- 12.15 p.m.—Brunswick Paratrope Musical Recital.
- 12.35 p.m.—Information—Mails, Shipping, and port directory.
- 12.45 p.m.—Holds in call by wireless.
- 12.55 p.m.—Fruit Market report.
- 12.58 p.m.—Vegetable Market Report.
- 12.59 p.m.—London Metal Market report.
- 12.59 p.m.—Dairy and Farm Produce Market report.
- 12.59 p.m.—G.P.O. Clock and chiming. Foreign Market report.
- 12.59 p.m.—Fish Market report.
- 12.59 p.m.—Rabbit Market report.
- 12.59 p.m.—News from the "Sun."
- 12.59 p.m.—Billions Instrumental Quartette—direction—Caryl Castling.
- 1.30 p.m.—G.P.O. Clock and chiming. Talk to children and special entertainment for children in Hospital.
- 2 p.m.—G.P.O. Clock and chiming. Close down.

## AFTERNOON SESSION.

- Racing information broadcast immediately after each race by courtesy of the "Herald."
- 2 p.m.—G.P.O. Clock and Chimes. Musical programme from studio.
- 2.10 p.m.—News from "Sun."
- 2.15 p.m.—Musical programme from the studio.
- 2.30 p.m.—News from the "Sun."
- 2.40 p.m.—Dunroven Dance Band, broadcast from the Dunroven Cabaret.
- 4 p.m.—G.P.O. Clock and chiming. News from the "Sun."
- 4.15 p.m.—Serial Story.
- 4.30 p.m.—Dunroven Dance Band.
- 4.40 p.m.—News from the "Sun."
- 4.55 p.m.—Resume of night's programme.
- 4.57 p.m.—Racing Resume.
- 4.58 p.m.—Special Ocean Forecast.
- 5 p.m.—G.P.O. Clock and chiming. Close down.

## EARLY EVENING SESSION.

- 6.15 p.m.—G.P.O. Clock and chiming. Children's Session.
- 6.30 p.m.—Musical programme from the studio

## SPECIAL COUNTRY SESSION.

- 7 p.m.—G.P.O. Clock and chiming. Australian Mercantile Land and Finance 1927 report.
- Weather report and forecast by courtesy of Govt. Meteorologist.
- Producers Distributing Society's Fruit and Vegetable Market Report.
- Stock Exchange reports.
- Grain and Fodder report ("Sun").
- Dairy Products report ("Sun").
- 7.15 p.m.—Country News from the "Sun."
- 7.30 p.m.—Talk on "Tennis" by Dr. McElhannon.
- 8 p.m.—G.P.O. Clock and chiming. Broadcasters' Tropical Chorus.
- An hour's programme presented by Lindeman's Wines.

- 8.3 p.m.—The Parody Radio Band.
- 8.10 p.m.—The Whispering Lady Baritone.
- 8.17 p.m.—A radio sketch entitled "Light and Shade."
- Characters:
- Reggie.....William Collins.
- Delia (his wife).....May Macarlow.
- 8.25 p.m.—Selections by the Newmarket Band.
- 8.35 p.m.—A talk about shooting wires.
- 8.50 p.m.—Miss May Sullivan (soprano).
- 9.07 p.m.—Mr. Roger Jones (baritone).
- 9.17 p.m.—Weather report and forecast by courtesy of Mr. C. J. Macrae, Govt. Meteorologist.
- 9.5 p.m.—Cec Morrison and his Glombershays broadcast from the ballroom of the Bondi Casino.
- 9.15 p.m.—Broadcasters all-sports expert will talk on General sports.
- 9.35 p.m.—Selections by the Newmarket Band.
- 9.50 p.m.—Mr. Phil Mountain (light comedian).
- 9.57 p.m.—Cec Morrison and his Glombershays broadcast from the ballroom of the Bondi Casino.
- 10.15 p.m.—Mr. Frank Ryan (entertainer).
- 10.14 p.m.—Cec Morrison and his Glombershays broadcast from the ballroom of the Bondi Casino.
- 10.24 p.m.—Mr. Phil Mountain.
- 10.31 p.m.—Cec Morrison and his Glombershays broadcast from the ballroom of the Bondi Casino.
- 10.41 p.m.—Resume of following day's programme.
- 10.48 p.m.—Mr. Frank Ryan.
- 10.55 p.m.—Cec Morrison and his Glombershays broadcast from the ballroom of the Bondi Casino.
- 11 a.m.—G.P.O. Clock and chiming. National Anthem.

## 2UW, SYDNEY

Monday.

- 9 a.m.—News Shipping, Mails, Musical Arena.
- 10 a.m.—Close down.
- 2 p.m.—Musical Items.
- 2.5 p.m.—Talk on "Psychology" by James W. Downing.
- 5 p.m.—Close down.
- 5 p.m.—Musical Items.
- 5 p.m.—Close down.
- 7 p.m.—Where to Go.
- 7.10 p.m.—Musical Items.
- 8 p.m.—Talk on "History of Chalk and Calcium Formation" by George Mansel.
- 8.20 p.m.—Baritone solos by Richard W. Gillespie.
- 8 p.m.—Talk on "History of Chalk and Calcium Formation" by George Mansel.
- 8.28 p.m.—Musical Items.
- 9.30 p.m.—Close down.

## 3LO, MELBOURNE.

Monday

## MIDDAY SESSION.

- 12.0 noon—Time Signal; British Official Wireless News from Rugby; Bunter's and the Australian Press Association Cable; "Argus" News Service.
- 12.20 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.
- "Reaching for the Moon" (Davis).
- "That's My Girl."
- "St. Louis Blues" (Handy).
- 12.30 p.m.—HARRY CASH.
- "Hi, Ho, the Merry" (Brown).
- 12.37 p.m.—Stock Exchange Information.
- 12.45 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.
- "Reaching for the Moon, Telling the News" (Brown).
- "Oh, if I Only Had You" (Friedly).
- "Hi, Ho, the Merry" (Brown).
- 12.50 p.m.—JACK O'HAGAN, Baritone.
- "Little Town in the Old Country Dew." "At Sundown."

- 12.57 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS:
- "Collette" (Rabin).
- "Houdini" (Lassman).
- "Where Do You Work, John?" (Maska).
- 1.7 p.m.—Meteorological Information: Weather Forecast for Victoria, Tasmania, South Australia and New South Wales; Ocean Forecast; River Report; Rainfall for Victoria, Tasmania, South Australia, and New South Wales.
- 1.10 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS:
- "Reaching for the Moon" (Davis).
- "Meadow Lark" (Florida).
- "That Roubtzig Waltz" (Goldstein).
- 1.29 p.m.—JAMES RILEY, Tenor:
- "Down in the Forest" (Sutton Howard).
- "I Heard You Singing" (Eric Costen).
- 1.33 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS:
- "Speech" (Friend).
- "Swing the Piano"—Piano Solo (Don Frey).
- "Ain't She Sweet" (Yellow).
- 1.45 p.m.—JAMES RILEY, Tenor:
- "An Ounce of My" (W. Sanderson).
- "Mash Love Lane" (Strickland).
- 1.50 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS:
- "Crazy Words, Crazy Tune."
- "Blue Skies" (Berlin).
- "Mashed Potatoes" (Nichols).

## AFTERNOON SESSION.

- During the afternoon the results of the Richmond Trials will be given as they come to hand.
- 2.0 p.m.—FIRE BRIGADE BAND:
- March, "Jack o' Lantern."
- Overture, "Cath of Basuda."
- 2.10 p.m.—MRS. DOROTHY SILK:
- "Honeydew."
- 2.25 p.m.—FIRE BRIGADE BAND:
- Selection, "La Traviata."
- 2.32 p.m.—We have pleasure in presenting to listeners MOLLY MACKAY, Soprano, who will sing:
- "The Show Song" from Dizerah.
- "Lullaby" (Cyril Scott).
- 2.49 p.m.—FIRE BRIGADE BAND:
- Waltz, "Love and Life in Victoria."
- 2.50 p.m.—HARRY CASH, Comedian:
- "My Brother Sylvast."
- 3.57 p.m.—AGNES FORTUNE, Piano:
- "Minute in E Flat" (Rusthoven).
- 4.3 p.m.—JAMES RILEY, Tenor:
- "The Paradise in Mother's Eve" (Sheard).
- "Aravata" (Cyril Scott).
- 4.12 p.m.—FIRE BRIGADE BAND:
- Polka, "Sam, the Old American Man."
- March, "With Sword and Lance."
- 4.23 p.m.—HARRY CASH, Comedian:
- "He Walked Like a Lion."
- 4.37 p.m.—MISS FLORA FELL, Inspector of Schools:
- "Domestic Economy."
- 4.48 p.m.—"Herald" News Service; Stock Exchange Information.
- 5.0 p.m.—Close Down.

## EVENING SESSION.

- 8.20 p.m.—Acceptances for Wednesday's race at Yarra Glen and Lyalvale Hunt Club Races, Moonee Valley.
- 8.35 p.m.—Answers to Letters and Birthday Greetings by "Little Miss Keokabarra."
- 8.45 p.m.—STUDIO ORCHESTRA:
- "Rural Romance" (Mati).
- 8.55 p.m.—MISS G. FLOS GREFO, P.A., I.L.R.
- "Touch the Bodies of the Ironwaddy."
- 9.20 p.m.—STUDIO ORCHESTRA:
- "The Doll Dances" (Brown).
- 9.40 p.m.—Official Report of Newmarket Stock Sales by the Associated Stock and Station Agents, Burke Street, Melbourne; Number of Sheep and Cattle Drawn for Weighing.
- 9.45 p.m.—"Herald" News Service; Weather Synopsis; Shipping Movement.
- 9.55 p.m.—Stock Exchange Information.
- 9.57 p.m.—"Herald" News Service.
- 10.00 p.m.—Fish Market Reports by J. L. Burgess Ltd.; Rabbit Prices.

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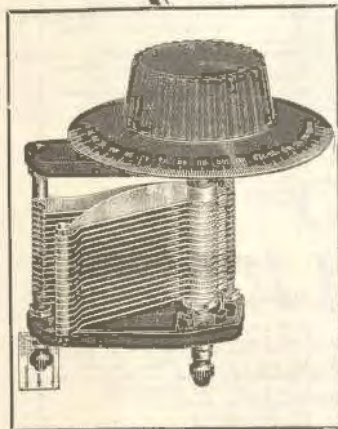
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## 4QG, BRISBANE

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".
- 1.50 p.m.—Lunch music, played by Hotel Carlton Ragtime Orchestra.
- 1.58 p.m.—Standard time signal.
- 2 p.m.—Close down.

## AFTERNOON SESSION.

- 2.50 p.m.—Afternoon tea music, played by Hotel Carlton Ragtime Orchestra.
- 4.15 p.m.—News service, supplied by "The Telegraph".
- 4.50 p.m.—Close down.

## EARLY EVENING SESSION.

- 6 p.m.—News service, supplied by "The Daily Standard".
- 6.30 p.m.—"The children's session: Stories by 'The Sandman'."
- 7 p.m.—Market reports, stock reports, special news service.
- 7.30 p.m.—Weather news; announcements.
- 7.45 p.m.—Standard time signal.
- 7.45 p.m.—"The Children's Music Corner, conducted by 'The Music Man'."

## NIGHT SESSION.

- A CHOR REHEARSAL.
- 8 p.m.—By way of novelty, an actual rehearsal of the Brisbane Existedd Club will be relayed from the Brisbane School of Art. The conductor, Mr. F. Robinson, will be heard at work with his choir.
- 8.30 p.m.—How soft drinks are made.

## THE FEDERAL BAND.

The third portion of the programme will comprise a concert broadcast from the Studio of 4QG.

## FROM THE STUDIO:

- 9 p.m.—Metropolitan weather forecast march, "Night of Liberty" (Boston), the Federal Band (conductor, Mr. W. H. Davis); soprano solo, "Waite" (Song from "Tom Jones" (German), Miss Elsie Ward; a thought for to-night by Will H. Lister, "To Give Grace and to King"; suite, "Cinderella" (Raymond), the Federal Band; contralto solo, "John Anderson, My Jo." Miss Elsie Howie; two-part, "Tom, Tom, Tom" (Carroll), the Federal Band; soprano solo, "Wouldn't You" (Russell), Miss Elsie Ward; trombone solo, "When Other Lips" (Balle), accompanied by the Federal Band; contralto solo, "Comin' Thru" (Mrs. Miss Elsie Howie; factored, "Hello Bluebell" (Friend), the Federal Band; five minutes of humor by "The Mahoney Duo"; hymn, "Alike with Me" (Hunt), the Federal Band.
- 10 p.m.—"The Daily Mail" news; weather news.
- Close down.

## 5CL, ADELAIDE.

Monday,

MORNING SESSION—12 noon to 2 p.m.

## AFTERNOON SESSION.

- 2 p.m.—Chit-chat.
- 3.1 p.m.—Relay from the Maple Leaf Cafe; Orchestral Selections.

- 3.45 p.m.—from the Studio: Musical Items and Social Notes.
- 4 p.m.—Chit-chat.
- 4.45 p.m.—Relay from the Arcadia Cafe; Orchestral Selections.
- 4.27 p.m.—Market Approximations.
- 5 p.m.—Close down.

## EVENING SESSION.

- 6 p.m.—Chit-chat.
- 6.15 p.m.—Relay from the Crown Garden Restaurant; Orchestral Selections.
- 6.45 p.m.—Bedtime Stories.
- 7.05 p.m.—Messrs. S. C. Ward and Co.'s Stock Exchange Intelligence.
- Market Reports by Messrs. A. W. Sandford and Co., 22 E. Hall and Messrs. Halsey and Co., S.A. Farmers' Co-operative Union, Taylor Bros. and the Retail Grocers' Association.
- 7.35 p.m.—Physical Culture Talk by Mr. Noel Hubble, of the Central College of Physical Culture.
- 7.50 p.m.—Talk by Miss Blanche Stephens, of the Aborigines Protection League.
- 8 p.m.—Chit-chat.
- 8.1 p.m.—Relay from the Walkerville Institute Hall; Mr. Walter Wood's Concert Party, Gino "Three Fishers"; Elsie Woolley, Duet, "The Garden of My Heart"; Hilda Hammond, Sable Gravel.
- Quartette, Selected; Company.
- 8.1 p.m.—Meteorological Information.
- 8.2 p.m.—Dajon's wheat report.
- 8.5 p.m.—Relay from the Walkerville Institute.
- 9.1 p.m.—"Advertiser" News Service.
- 9.15 p.m.—Review of the previous Saturday's sporting.
- 10.15 p.m.—Countess Filligini, soprano; Selected.
- 10.25 p.m.—Tom King, pianoforte solo; Selected.
- 10.37 p.m.—The Elbama, tenorists; Selected.
- 10.45 p.m.—Relay from Glenelg; The Union Orchestra; Information.
- 11.20 p.m.—To-morrow's programme, Station announcements.
- Weather Bulletin.
- National Anthem.

## 6WF, PERTH.

Monday,

- 12.30 p.m.—Tune In.
- 12.35 p.m.—Markets, News and Cables.
- 1.1 p.m.—Time signal from Perth Observatory.
- 1.1 p.m.—Weather News, supplied by the Meteorological Bureau of Western Australia.
- 1.5 p.m.—STUDIO QUINETTE.
- 2 p.m.—Close down.
- 2.30 p.m.—Tune In.
- 3.35 p.m.—Musical programme, including Pianoforte Selections by Miss Evelyn Willis, A.R.C.M.
- 4 p.m.—STUDIO QUINETTE.
- 4.30 p.m.—Close down.
- 4.45 p.m.—Tune In.
- 6.50 p.m.—Uncles Henry and Duffy will tell their stories to the kiddies.
- 7.20 p.m.—Stock and Share Intelligence.
- Market Reports.
- Cables, News by courtesy of "The West Australian" Newspaper Coy.
- Late News Items, by courtesy of "The Daily News" Newspaper Coy.
- Ships within range announcement.
- 7.45 p.m.—Talk, by Little Col. Le Souef, Director of the Zoological Gardens, South Perth.
- 8 p.m.—Time signal from Perth Observatory.
- 8.1 p.m.—Weather News, supplied by the Meteorological Bureau of Western Australia.
- 8.15 p.m.—"Advertiser" News Service.
- 8.5 p.m.—Relay by "THE SPECIALTY FOUR."
- 10 p.m.—Late News Items, by courtesy of "The Daily News" Newspaper Coy.
- Ships within range announcement.
- Weather Report and Forecast.
- 10.30 p.m.—Close down.

7.5 p.m.—Market Reports by the Victorian Producers Co-operative Co., Ltd.; Poultry, Grain, Hay, Straw, Jute, Dairy Produce, Potatoes and Onions; Market Reports of Fruit by the Victorian Fruitgrowers' Association.

## NIGHT SESSION.

- 7.15 p.m.—Under the auspices of the DEVELOP AUSTRALIA LEAGUE, MR. A. S. MADDEN, Hon. Secretary of the League: "The D.A.L. Covers an Account."
- 7.40 p.m.—MR. E. C. H. TAYLOR: "School Life and School Sports."
- 7.45 p.m.—Under the auspices of the DEPARTMENT OF AGRICULTURE, MR. J. M. WARD, Superintendent of Horticulture, will speak on: "Seasonable Hints on Fruitgrowing."
- 8.0 p.m.—FRAIRAN CITY BAND, Overture, "La Coquette" (Lamont).
- 8.1 p.m.—Musical Programme Arranged by the MELBOURNE UNIVERSITY CONSERVATORIUM, under the direction of PROF. BERNARD HEINZ.
- MARGARET SUTTERKLAND and HELEN HAMELTON will play: "Sonata in D for Violin and Piano."
- MARIE MAGAN will sing: "Wanderer" (de Liza) (Benois).
- MARGARET SUTTERKLAND will play: "Berceuse."
- "Fritole in D Minor" (Chopin).
- MARIE MAGAN will sing: "Chanson Espagnole" (Delibes).
- "Berceuse" (Chaminade).
- HELEN HAMELTON will play: "Praeludium and Adagio."
- "Romance" (Falgout).
- 8.51 p.m.—FRAIRAN CITY BAND, Popular Numbers: "Sam, the Old Accordion Man," "Song of the Wanderer" (Moret).
- 8.47 p.m.—MR. SAM CLAPHAM, famous vocalist: "Health and Life."
- 8.5 p.m.—FRAIRAN CITY BAND: Intermission. "The Lion" (Benois).
- 9.7 p.m.—HUKKAM'S SEENADERS; Edith Huxham, Lena Huxham, Ronny Miller, Dolly Burnett, Hugh Evans, Johnny Marks, Edith McLean: In a Happy Half-hour: "ENJOY YOURSELF" OF "TIP-TOPS."
- 9.55 p.m.—SECOND ACT OF "TIP-TOPS," A Musical Comedy in Two Acts. Book by Guy Bolton and Ted Thompson. Music by George Gershwin. Lyrics by George Gershwin. With a Specially Selected Cast.

## MUSICAL NUMBERS:

- Act 2.
- Overture, "At the Party," ENSEMBLE.
- Song, "O'er Little Captain."
- THURRA ROGERS AND BOYS.
- Duet, "Looking for a Boy."
- THURRA ROGERS AND GUR BLUETT.
- Song, "It's a Great Little World."
- LEO FRANKLYN AND GUESTS.
- Duet, "Nightie, Night."
- THURRA ROGERS AND GUR BLUETT.
- Duet, "The Rich Man and the Poor Man."
- CECIL KELLEWAY and LEO FRANKLYN.
- Chorus, "Tip-Tops," ENSEMBLE.
- Solo Dance, "THURRA ROGERS."
- Reprise, "That Certain Feeling."
- THURRA ROGERS AND GUR BLUETT.
- Finale, THE ENTIRE COMPANY.
- 10.4 p.m.—"Arcadia" News Service; Announcements; Meteorological Information; British Official Wireless News from Rugby; THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TO-DAY is for: EVERYBODY: "safely means safeguarding the nation, the home and the industry from the demon, Carelessness."
- 11.0 p.m.—OUR GREAT THOUGHTS: "Good sense, good health, good conscience, and good fame—all the things that bring to virtue, and all prove that virtue has a title to your love."
- 11.1 p.m.—JOE ARONSON AND HIS SYN-COPATING RHYTHMISTS.
- 11.40 p.m.—GOD SAVE THE KING.

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## Tuesday, August 30

## 2FC, SYDNEY

## EARLY MORNING SESSION

7 a.m. to 9 a.m.

## MORNING SESSION.

- 10 a.m.—"Big Ben" and announcements.  
 10.30 p.m.—Studio music.  
 10.45 a.m.—"Sydney Morning Herald" news service.  
 10.50 a.m.—Studio music.  
 10.55 a.m.—A talk by the E.P.C. Racing Commissioner.  
 10.55 a.m.—Studio music.  
 11 a.m.—"Big Ben," Marching music for school children.  
 11.5 a.m.—A.F.A. and Hunter's Gallop.  
 11.10 a.m.—Studio music.  
 11.15 a.m.—A talk on home cooking and recipes by Miss Ruth Furst.  
 11.30 p.m.—Close down.

## MIDDAY SESSION.

- 12 noon—"Big Ben" and announcements.  
 12.4 p.m.—Stock Exchange, 5000 call.  
 12.4 p.m.—Official weather forecast, rainfall.  
 12.4 p.m.—Studio music.  
 12.40 p.m.—Summary of "Sydney Morning Herald" news service. Rugby wireless news.  
 12.45 p.m.—Studio music.  
 12.50 p.m.—Marching music for school children.  
 12.55 p.m.—Lorraine Jarman, soprano: "John" (Lobby).  
 12.55 p.m.—THE OAK HALL INSTRUMENTAL TRIO: (Leader, Mr. Horace Keate).  
 12.55 p.m.—Studio music.  
 1 p.m.—"Big Ben" Weather intelligence.  
 1.15 p.m.—"Evening News" Music news review.  
 1.15 p.m.—Fruit and Vegetable Market report.  
 1.15 p.m.—THE OAK HALL INSTRUMENTAL TRIO.

- 1.30 p.m.—Clock Exchange, second call.  
 1.30 p.m.—Marching music for school children.  
 1.40 p.m.—Lorraine Jarman, soprano: "Salome" (Lobby).  
 1.45 p.m.—Studio music.  
 1.50 p.m.—THE OAK HALL INSTRUMENTAL TRIO.

## 2 p.m.—"Big Ben" Close down.

## 3 p.m.—AFTERNOON SESSION.

- 3 p.m.—"Big Ben" and announcements.  
 3.5 p.m.—DOBROTY BENDOW, contralto: "Oh! to be a Gypsy" (Felder).  
 3.5 p.m.—Robert Dawson, tenor: "Civvies" (Adams).  
 3.15 p.m.—Studio music.  
 3.20 p.m.—A talk.  
 3.30 p.m.—Marching music for school children.  
 3.40 p.m.—Anne Mills, mezzo: "Gerevade" (Schubert).  
 3.45 p.m.—THE OAK HALL INSTRUMENTAL TRIO (Leader, Mr. Horace Keate).  
 3.50 p.m.—Kathleen Horne, soprano: "Dreams of the East" (F. Harbick).  
 4 p.m.—William Bowyer, basso: "The Troubadour Call" (Sanctum).  
 4.1 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
 4.15 p.m.—Dorothy Benson, contralto: "If I built a world for you" (Lehmann).  
 4.20 p.m.—Anne Mills, mezzo: "The bitterness of Love" (Dunn).  
 4.25 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
 4.30 p.m.—Robert Dawson, tenor: "Marie, My Girl" (Arken).  
 4.40 p.m.—William Bowyer, basso: "In Happy Moments" (Wallace).  
 4.45 p.m.—Book Reviews, third call.  
 4.50 p.m.—Kathleen Horne, soprano: "Love is meant to make us glad" (German).  
 4.55 p.m.—The Westworth Symphonic Dance Orchestra, under the baton of Cyril Kaye.  
 5 p.m.—"Big Ben" Close down.

## EARLY EVENING SESSION.

- 5.10 p.m.—The chimes of 2FC.  
 5.15 p.m.—The "Hello Ben" talks to the children.  
 5.20 p.m.—Ritzy time for the young folk.  
 5.30 p.m.—Dinner music.  
 5.35 p.m.—"Big Ben" Late sporting news.  
 5.40 p.m.—Dagley's market reports (wheat, wheat and stocks).  
 5.45 p.m.—Fruit and vegetable markets.  
 5.50 p.m.—Weather and shipping news.  
 5.55 p.m.—"Evening News" late news service.

## NIGHT SESSION.

- 7.30 p.m.—Programme announcements.  
 7.35 p.m.—Harold Hickey, tenor.  
 7.40 p.m.—Win and Winifred, English water-talians: "The Spirit of Shakespeare" (Wizl).  
 7.50 p.m.—The N.S.W. State Military Band: From the Royal Naval Hosiery: Overture, "Troy Manoeuvring" (Habap).  
 8 p.m.—"Big Ben" The N.S.W. State Military Band: "The Pat of the Guards" (Barra-vall).  
 8.5 p.m.—George Poetas, a well-known personality in the concert world, will commence a series of reminiscence talks. His subject tonight is "Memorial Memorizing."  
 8.20 p.m.—The N.S.W. State Military Band: "Walte, 'Jungheeren Tange' (Gungli).  
 8.30 p.m.—Joyce Hadley, soprano: "She had a letter from her love" (German).  
 "The rose and the milk" (Jalowitz).  
 8.35 p.m.—Win and Winifred, English entertainers: "The end of the World" (Wizl).  
 8.45 p.m.—The N.S.W. State Military Band (from the Royal Naval Hosiery): Grand selection, "Lendberg" (Verdi).  
 8.55 p.m.—Harold Hickey, tenor.  
 9 p.m.—"Big Ben" Weather forecast.  
 9.5 p.m.—The N.S.W. State Military Band under the direction of Charles King. Cornet solo: "Lucky Star" (Head).

## Mr. W. Noss.

- March: "Hands across the sea" (Souza).  
 9.7 p.m.—H. W. Varza will produce (by arrangement with J. C. Williamson, Ltd.), important scenes from the far-famed play: "MONTEITH REVEALED".

Made famous throughout Australia by Mr. Julius Kallit.

- The following is the cast:  
 Lord Winterbourne ..... Percy Morris  
 Captain Molyneux ..... Mr. Angus  
 Mr. Birkbeck ..... William Hume  
 Miss Nash ..... William Hume  
 Eddell ..... Mr. Richard  
 Captain Badger ..... Horace Galley  
 Lord Tombrake ..... W. Waterworth  
 Monsieur Beauzeau ..... H. W. Varza  
 Mr. Malloye Pridmore ..... Meri George  
 Lady Mary Curzon ..... Greta Stevenson  
 Act One—The scene is laid in the Pump Room at Bath.  
 9.11 p.m.—During the interval between act one and two of "Monteith Beauzeau," Joyce Hickey, soprano, will sing: "Sinner that are brightest."  
 "Haitzoff" (Wizl) (Philips).  
 9.15 p.m.—"Monteith Beauzeau," Act two—Scene one.

- 9.22 p.m.—Edna and Jack Landovsky, entertainers:  
 "I just want to be known as Susie's fellow" (Dreyfus).  
 "Elin Skull-skin-bum" (Friedl).  
 10.20 p.m.—"Monteith Beauzeau," Act Two—Scene Two.  
 10.40 p.m.—Edna and Jack Landovsky, entertainers:  
 "Guggie-Guggie-Go."  
 "The older they get the younger they want to be."

- 10.50 p.m.—The New Westworth Symphonic Dance Orchestra, under the baton of Cyril Kaye.  
 10.55 p.m.—Late news and announcements.  
 11 p.m.—"Big Ben" Edna and Jack Landovsky, entertainers:  
 "Fiance and Banjo" Novelty.  
 11.5 p.m.—The Westworth Symphonic Dance Orchestra, under the baton of Cyril Kaye.  
 11.55 p.m.—National Anthem.

## 2BL, SYDNEY.

## Tuesday.

## EARLY MORNING SESSION.

6 a.m. to 9 a.m.

## MORNING SESSION.

- 10.30 a.m.—G.P.O. Clock and Chimes. Musical programme from the Studio.  
 10.45 a.m.—News from the "Daily Telegraph" Pictorial.  
 10.50 a.m.—Musical programme from the 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. Resumé of former talks by Mr. Adams.  
 11.30 a.m.—G.P.O. Clock and Chimes. Special Ocean Forecast and Weather report.  
 11.35 p.m.—Brunswick Panopie Musical Recital.  
 11.35 p.m.—Information—Mail, Shipping, and Fair Directory.  
 11.40 p.m.—Boats in call by Wireless.  
 11.50 p.m.—Fruit Market report.  
 12.30 p.m.—Vegetable Market report.  
 12.45 p.m.—London Metal Market report.  
 12.50 p.m.—Dairy and Farm Produce Market report.  
 12.50 p.m.—G.P.O. Clock and Chimes. Furage Market report.  
 12.55 p.m.—Fruit Market report.  
 12.55 p.m.—Habitat Market report.  
 12.55 p.m.—News from the "Sun."  
 12.55 p.m.—Hills' Environmental Queries, direction, Croyd Castling.  
 1.00 p.m.—G.P.O. Clock and Chimes. Talk to Children and Special Entertainment for Children in Hospital.  
 2 p.m.—G.P.O. Clock and Chimes. Close down.

## AFTERNOON SESSION.

- Rating information broadcast immediately after close-up by courtesy of the "Sun."  
 2 p.m.—G.P.O. Clock and Chimes. News from the "Sun."  
 2.10 p.m.—Civil Service Stores Trin. direction. Miss de Courcy Broomer.  
 2.15 p.m.—G.P.O. Clock and Chimes. News from the "Sun."  
 2.40 p.m.—Musical programme from the Studio.  
 2.50 p.m.—News from the "Sun."  
 4 p.m.—G.P.O. Clock and Chimes. Civil Service Stores Trin.  
 4.00 p.m.—dental Story.  
 4.05 p.m.—Musical programme from the Studio.  
 4.10 p.m.—News from the "Sun."  
 4.15 p.m.—Resumé of night's programme.  
 4.57 p.m.—Racing returns.  
 4.58 p.m.—Special Ocean Forecast.  
 5 p.m.—G.P.O. Clock and Chimes. Close down.

## EARLY EVENING SESSION.

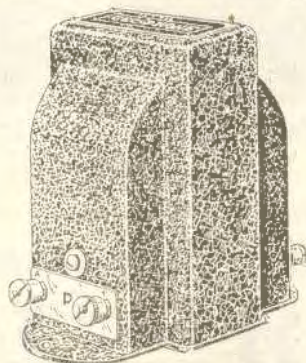
- 5.45 p.m.—G.P.O. Clock and Chimes. Children's Season.  
 6.00 p.m.—Musical programme from the Studio.

## SPECIAL COUNTRY SESSION.

- 7 p.m.—G.P.O. Clock and Chimes. Australia's Mercantile Land and Finance Co's report.  
 Weather report and Forecast by courtesy of Govt. Meteorologist.  
 Producers' Distributing Society's Fruit and Vegetable Market report.  
 Grain and Fodder report ("Sun").  
 Dairy Produce report ("Sun").  
 N.R.M.A. Talk.



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POWER

7.15 p.m.—Country news from the "Sun."  
 7.30 p.m.—Talk on "The Motor Car," by Mr. Martin.  
 7.45 p.m.—Talk by a member of the Listeners-in-League.  
 8 p.m.—G.F.O. Clock and Chimes.  
 Broadcasters' Typical Chimes.  
**AN HOUR'S PROGRAMME PRESENTED BY GOSBOR VALLEY.**  
 8.2 p.m.—Broadcasters' Light Orchestra, under the direction of Mr. J. Knight Barnett.  
 8.31 p.m.—Mr. Esm. Williams (baritone).  
 8.34 p.m.—Mr. Hazen Hilsenbergh (pianist).  
 8.38 p.m.—Mr. Lawrence Campbell (soloist).  
 8.43 p.m.—Miss Winifred Jenner (soprano).  
 8.50 p.m.—Miss Dolcie Riser (violinist).  
 8.57 p.m.—Mr. Raymond Beatty (singer).  
 9.4 p.m.—Weather reports and Forecast, by courtesy of Mr. C. J. Marz, Govt. Meteorologist.  
 9.8 p.m.—Miss Mable Barnett (contralto).  
 9.22 p.m.—Broadcasters' Light Orchestra.  
 9.32 p.m.—Mr. Clem Williams.  
 9.39 p.m.—Mr. Hazen Hilsenbergh.  
 9.49 p.m.—Miss Winifred Jenner.  
 9.56 p.m.—Broadcasters' Light Orchestra.  
 10.6 p.m.—Resumé of following day's programme.  
 10 p.m.—G.F.O. Clock and Chimes.  
 10.3 p.m.—Mr. Raymond Beatty.  
 10.4 p.m.—Miss Mable Barnett.  
 10.7 p.m.—The Ambassadors' Dance Band broadcast from the Ballroom of The Ambassadors. During intervals between dances, "See" news will be broadcast.  
 11 midnight—G.F.O. Clock and Chimes.  
**National Anthem.**

## 2UW, SYDNEY

### Tuesday.

9 a.m.—News, Shipping, Mail, Markets, Musical Items.  
 10 a.m.—Close down.  
 2 p.m.—Musical items and announcements.  
 3 p.m.—Talk on "Psychology" by James W. Downing.  
 2.20 p.m.—Musical items.  
 3 p.m.—Close down.  
 3 p.m.—Musical items.  
 4 p.m.—Close down.  
 7 p.m.—Where to Go.  
 7.15 p.m.—Musical items.  
 8 p.m.—Gems of the Opera, No. 2 by George Massé.  
 Subject: "Rigoletto" by Verdi.  
 9 p.m.—Musical items.  
 10.6 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 Stock Exchange this day. British official wireless news from Rugby. Reuters and the Australian Press Association cables. "Argus" news service.  
 2.30 p.m.—COMMUNITY SINGING FROM THE STUDIO, conducted by MR. G. J. MACKAY, assisted by the STUDIO ORCHESTRA.  
 JACK O'BRIEN, baritone:  
 "The Paradise in Mother's Arms."  
 "O, Molly O'Malley."  
 MOLLY MACKAY, soprano:  
 "The Merry Widow" (Solo).  
 "Castle in the Air" (recited song).  
 3.45 p.m.—Stock exchange information. Meteorological information. Weather forecast for Victoria, Tasmania, South Australia and New South Wales. Ocean forecast. River reports. Rainfall for Victoria, Tasmania, South Australia and New South Wales.  
 4 p.m.—Close down.

#### AFTERNOON SESSION:

3 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS:  
 "What's the Use of Crying" (Förchstein).  
 "Trio Rondo" (Opau).  
 "Bobby Joe" (Winnery).  
 3.18 p.m.—"AD LIBITUM"  
 "Fishing Tull."  
 3.25 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS:  
 "In Your Dreams."  
 "Get a Bird's Eye View" (Donaldson).  
 "If You Give Me Half" (Fahn).  
 3.35 p.m.—MOLLY MACKAY, soprano:  
 "Suzanne" (Bachman).  
 "Annie Laurie" (Lalman).  
 3.41 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS:  
 "Forgotten" (O'Hara).  
 "For My Sweetheart."  
 "Because I Love You" (Berlin).  
 3.52 p.m.—BARRY CASH, comedian:  
 "Who, You, Me, You."  
 3.56 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS:  
 "Chinese Moon" (Naubum).  
 "For Oh, My Way Home" (Berlin).  
 "Gullible" (Bierman).  
 4 p.m.—MOLLY MACKAY, soprano:  
 "April Morn" (Batten).  
 "Second Night" (Brewer).  
 4.11 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS:  
 "Muddy Water" (De Rose).  
 "Parade You'll Think of Me" (Stone).  
 "Bachman" (Bierman).  
 4.25 p.m.—BARRY CASH, comedian:  
 "Beans, Beans, Beans."  
 4.33 p.m.—MAYBON MORELAND:  
 "Motherhood."  
 4.41 p.m.—"Herald" news service. Stock Exchange information.  
 5 p.m.—Close down.

#### EVENING SESSION.

6.30 p.m.—Answers to letters and birthday greetings by "MARK GUMLEAF."  
 6 p.m.—STUDIO ORCHESTRA:  
 "Nursery Rhymes"—arranged (Quiller).  
 6.10 p.m.—MISS LILLIAN MACKAY:  
 "The Charm of Nursery Rhymes."  
 6.20 p.m.—STUDIO ORCHESTRA:  
 "Nursery Rhymes"—part 2 (Quiller).  
 6.40 p.m.—OBITAL reports of Newmarket stock sales by the Associated Stock and Station Agents, Bourke Street. Melbourne.—Number of sheep and cattle drawn for week's sales.  
 6.45 p.m.—"Herald" news service. Weather synopsis. Shipping movements.  
 6.52 p.m.—Stock Exchange information.  
 6.57 p.m.—River reports.  
 6.59 p.m.—Fish market reports by J. R. Bennett, Ltd. Habitat prices.  
 7 p.m.—Market reports by the Victorian Fruit and Vegetable Producers' Co-operative Company, Ltd. Fruit, grain, hay, straw, joint dairy produce, potatoes and onions. Market reports of fruit by the Victorian Fruitcrucers' Association.

#### NIGHT SESSION.

7.15 p.m.—Under the auspices of the Town Planning Association, Mr. SAKIL TUREN, C.E., Town Planning Commissioner, will speak on:  
 "Are Subways Necessary."  
 7.26 p.m.—Under the auspices of the University Extension Board, PROFESSOR A. J. EWART, D.Sc., Ph.D., will speak on:  
 "A Botanist in North-West Australia."  
 7.45 p.m.—CAPTAIN MACLEAN:  
 "Hibernia and Mrs. Glast."  
 8 p.m.—STUDIO ORCHESTRA:  
 Intermezzo: "By Desert Ways"—Dramatic (Loughborough).  
 8.15 p.m.—STUDIO PRESENTATION OF THE OPERA "FAUST"—PART 4:  
 Under the direction of J. SUTTON CROW, assisted by the STUDIO ORCHESTRA and AUBURN METHODIST CHORUS.  
 Faust, JOHN D. BULLIVAN, tenor.  
 Mephistopheles, THOS. GEORGE, bass.  
 Valentine, J. ALEXANDER BROWNE, baritone.

Wagner, F. DAVIES, bass.  
 Marguerite, ELSIE HAVES, soprano.  
 Sibyl, INA LILLYCRAP, soprano.  
 Martha, MYRTLE WALCOTT, mezzo soprano.

8.45 p.m.—Meteorological information. Brisbane—Small weather news.

8.55 p.m.—LOCAL ASTRONOMY CLUB OF VICTORIA'S SAFETY MESSAGE for today is—

"Safety means a clear mind, a steady hand and quickness in emergencies."

9.41 p.m.—RAHOLD RYVING, piano:  
 "Chanson" (Debussy).  
 "Moonlight" (Debussy).  
 "The Spinning Women of Coratle" (Brewer-Daton).  
 "The Dishes" (Cozzani-Franck).  
 Orchestral part on 2nd piano by IVY THOMAS.

10.12 p.m.—BUKHAM'S SERENADERS:  
 Edith Huxham, Hugh Huxham.  
 Helen Miller, Duffy Herford.  
 Leon Dwyer, Johnny Marks.  
 Tony McLean.  
 In happenings of 1914-1918. "Mademoiselle from Armentieres."

10.32 p.m.—"Argus" news service. Sporting notes by "Clerygas." Announcements.

10.52 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS:  
 "Every Little Thing" (Spencer).  
 "You've Got to Black Shuffle" (Sparks).

11 p.m.—OUR GREAT THOUGHT:  
 "I would be virtuous for my own sake, though nobody were to know it, so I would be clean for my own sake, though nobody were to see me."—Shaftesbury.

11.1 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS.

## 4QG, BRISBANE.

### Tuesday.

#### MIDDAY SESSION.

1 p.m.—Market reports; weather information; "The Daily Mail" and "The Daily Standard" news.  
 1.20 p.m.—Lunch music, played by Hotel Carlton Symphony Orchestra.  
 1.55 p.m.—Standard time signal.  
 2 p.m.—Close down.

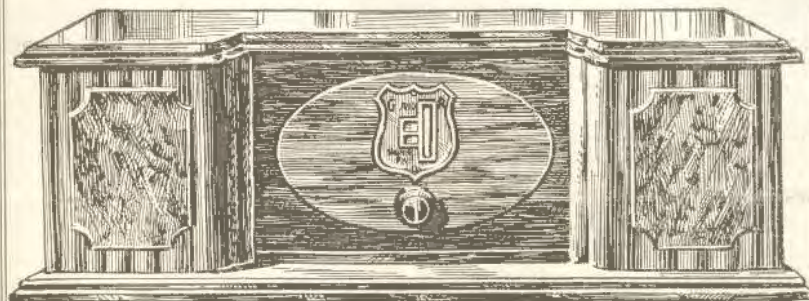
#### AFTERNOON SESSION.

A PROGRAMME OF MUSIC FROM THE STUDIO:

2.30 p.m.—Programme of music by the Studio Orchestra, including: March, "The Gay Gallant" (Boffe); waltz, "Echoes of Spring" (Niles); entrante, "Among the Lilies" (Frey); soprano, "Goody Two Shoes" (Frey); "Nightingale" (Righ-Less); characteristic, "General Mump" (Allen); entrante (a) "The Caruso," (b) "To My Valentine" (Lement); march, "Fort Boyal" (Hall).  
 4.15 p.m.—"The Telegraph" news.  
 4.30 p.m.—Close down.

#### EARLY EVENING SESSION.

6 p.m.—"Daily Standard" news; announcements.  
 6.15 p.m.—A talk by Mr. E. O. Nowland (under the auspices of the Town Planning Association of Queensland).  
 6.30 p.m.—The Children's Session: Stories by "Uncle Jim."  
 7 p.m.—Special news service; market reports; stock reports.  
 7.25 p.m.—Weather news; announcements.  
 7.45 p.m.—Standard time signal.  
 7.45 p.m.—Meteorologist's correct lubrication talk. No. 11, by "Gargyle."



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## NIGHT SESSION.

## CADENZA ELECTRAL CLUB.

- 8 p.m.—Orchestral, "Estadantina" (Walden-fell), Mrs. Matthews, Cadenza Electral Club; contralto solo, "The Setting Sun" (Post), Miss Winifred Anderson; violin solo, selected, Miss Clare Matthews; tenor solo, "Reguena" (Bozzer), Mr. Roy Daniels; a thought for tonight by Will H. Lister, "Judgment and Its Day"; banjo selection, "Bonnie Scotland" (Kennedy), Mrs. Matthews' Banjo Party; soprano solo, "A Farewell" (Lohrer), Miss Jean McDonnell; mandolin quartette, "In a Little Spanish Town" (Wayne), Miss Clare Matthews and party; haritone solo, selected, Mr. C. V. Woodland.
- 9 p.m.—Metropolitan weather forecast; reverie, "Romance of a Rose" (Connor), the Cadenza Electral Club; bass solo, "The Fined Flaubert" (Clarke), Mr. J. P. Conwell; banjo selection, "Kentucky Memories" (Grimsbaw), Messrs. Munroe and Richard; contralto solo, "Tet Awhle" (Richards), Miss Winifred Anderson; banjo selection, "A Mexican Ride" (Grimsbaw), Messrs. Munroe and Richard; tenor solo, "Tis the Day" (Lorenzavelli), Mr. Roy Daniels; march, "Stepping Out" (Wood), the Cadenza Electral Club.

## FROM THE CENTENNIAL HALL:

- 9.50 p.m.—Dance Music.  
10 p.m.—"The Daily Mail" news; weather news.  
Close down.

## SCL, ADELAIDE.

## Tuesday.

## MORNING SESSION.—12 noon to 2 p.m.

## AFTERNOON SESSION.

- 8 p.m.—Chimes.  
8.1 p.m.—Relay from the Maple Leaf Cafe.  
Orchestral Selections.  
8.2 p.m.—From the Radio.  
Talk by the Rev. G. E. Hale, B.A.  
4 p.m.—Chimes.  
4.1 p.m.—Relay from the Arvedis Cafe.  
Orchestral Selections.  
4.55 p.m.—Station announcements.  
5 p.m.—Chimes.

## EVENING SESSION.

- 8 p.m.—Chimes.  
8.1 p.m.—Dinner music, by the Covent Garden Orchestra.  
8.30 p.m.—Bedtime Stories.  
8.45 p.m.—Evening news of the East West Express.  
8.45 p.m.—Bedtime Stories continued.  
7.25 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.  
Market Reports by Messrs. A. W. Sandford and Co., A. E. Hill and Co., Dalgety and Co., S.A. Farmers' Co-operative Union, Taylor Bros., Retail Grocers' Association, and Daw's Fish Market reports.  
7.35 p.m.—Gardening talk, by "Spade."  
7.45 p.m.—Home Beautiful talk, by "Domus."  
8 p.m.—Chimes.  
8.1 p.m.—Relay, Holden's Band.  
8.11 p.m.—Marcella Herard, soprano: "Addio Del Passato," from "La Traviata."  
8.16 p.m.—Holden's Band.  
8.20 p.m.—Marcella Herard, soprano: "Hill Song," from "L'Esme."  
"Una Voce Poco Fa," from the "Barber of Seville."

- 8.25 p.m.—Les Crispe, tenor: Selected.  
8.40 p.m.—Holden's Band.  
8.53 p.m.—Countess Philippin, soprano: Selected.  
9.1 p.m.—Meteorological information.  
9.2 p.m.—Dalgety's wheat report.  
9.3 p.m.—Holden's Band.

## 9.10 p.m.—Les Crispe, tenor:

- Selected.  
9.15 p.m.—Holden's Band.  
9.20 p.m.—Countess Philippin, soprano: Selected.  
9.32 p.m.—Dr. Pixit.  
9.45 p.m.—Holden's Band.  
9.55 p.m.—"Winozara" Sporting Service.  
10 p.m.—"Advertiser" News Service.  
Wireless Shipping.  
10.10 p.m.—Holden's Band.  
10.20 p.m.—Arthur Barrie, basso: Selected.  
10.27 p.m.—James Glennon, violin: Selected.  
10.34 p.m.—Arthur Barrie, basso: Selected.  
10.35 p.m.—James Glennon, violin: Selected.  
10.42 p.m.—Relay from Glenelg: The Mason Dance Orchestra.  
11.25 p.m.—Tomorrow's programme.  
Weather information.  
Station announcements.  
National Anthem.

## 10.30 a.m.—Studio music.

- 10.35 a.m.—A Reading.  
10.45 a.m.—Studio music.  
11 a.m.—"Big Ben" and announcements.  
11.5 p.m.—Marching music for school children.  
11.5 a.m.—A.P.A. and Reuter's Cable.  
11.40 a.m.—Studio music.  
11.15 a.m.—A.L.C. on Home Cooking and Recipes by Miss Ruth Ford.  
11.20 a.m.—Close down.

## MIDDAY SESSION.

- 12 noon—"Big Ben" and announcements.  
12.3 p.m.—Stock Exchange, first call.  
12.4 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.—Ely Eckford Martin, soprano: "The Yellow Hammer" (Lisa Lehmann).  
12.45 p.m.—The Oak Hall Instrumental Trio.  
12.55 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.  
1.30 p.m.—The Oak Hall Instrumental Trio.  
1.35 p.m.—Stock Exchange, second call.  
1.40 p.m.—Marching music for school children.  
1.45 p.m.—Ely Eckford Martin, soprano: "Till for 'Til" (Postel).  
1.44 p.m.—Studio music.  
1.48 p.m.—The Oak Hall Instrumental Trio (Leader, Mr. Horace Keate).  
2 p.m.—"Big Ben." Close down.

## 6WF, PERTH.

## Tuesday.

- 12.30 p.m.—Tune in.  
12.35 p.m.—First Local News Bulletin. Market Reports. Overseas news.  
1 p.m.—Time signal from Perth Observatory.  
1.05 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.  
1.2 p.m.—STUDIO INSTRUMENTAL TRIO: Overture.  
1.30 p.m.—Close down.  
3.30 p.m.—Tune in.  
3.35 p.m.—Musical programme, including pianoforte selections by MISS EVELYN WILLIAMS, A.I.C.M.  
4 p.m.—STUDIO INSTRUMENTAL TRIO: Selection.  
4.35 p.m.—Time in.  
4.45 p.m.—Time in.  
6.30 p.m.—Children's playette: "Dick Turpin" by Uncle Duffy, with Audrey Marjorie and Evelyn and Uelma Henry, Leslie, Verry and Duff.  
7.20 p.m.—Stock and share intelligence. Market reports, cables, news, by courtesy of "The West Australian" Newspaper Co.  
Late News items by courtesy of "The Daily News" Newspaper Co.  
Ship within Range announcement.  
7.45 p.m.—Talk: "Wireless Troubles" by Dr. Fiteen.  
8 p.m.—Time signal from Perth Observatory.  
8.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.  
8.3 p.m.—ORCHESTRAL CONCERT: Concert by SWF Studio Jazz Orchestra, under direction of Mr. Ronald E. Moyle, A.T.C.L.  
Vocal Assisting Articles.  
8.45 p.m.—Late News items by courtesy of "The Daily News" Newspaper Co.  
Ship within Range announcement.  
Weather Report and Forecast.  
10.30 p.m.—Close down.

## AFTERNOON SESSION.

- 3 p.m.—"Big Ben" and announcements.  
3.5 p.m.—Muriel Watt, contralto: "Sapphire Ode" (Brahms).  
3.8 p.m.—Studio music.  
3.12 p.m.—Uelma Landgrave, mezzo: "The Belle of Sebo" (Drummond).  
3.15 p.m.—Studio music.  
3.30 p.m.—Marching music for school children.  
3.40 p.m.—Peggy Dunbar, contralto: "Absent" (Mozart).  
3.45 p.m.—The Oak Hall Instrumental Trio (Leader, Mr. Horace Keate).  
3.55 p.m.—Studio music.  
4 p.m.—Joyce Gillespie, soprano: "No, No, No" (Mottel).  
4.5 p.m.—The Oak Hall Instrumental Trio.  
4.10 p.m.—Netta Mullarkey, mezzo: "At Dawning" (Gadman).  
4.15 p.m.—Muriel Watt, contralto: "My Prayer" (Squire).  
4.20 p.m.—Peggy Dunbar, contralto: "Two Eyes of Grey" (McGeoch).  
4.25 p.m.—The Oak Hall Instrumental Trio.  
4.35 p.m.—Uelma Landgrave, mezzo: "Do you know my Garden?" (Wood).  
4.40 p.m.—Joyce Gillespie, soprano: "Tell me, Guyce" (Dargy).  
4.45 p.m.—Stock Exchange, third call.  
4.47 p.m.—Netta Mullarkey, mezzo: "Sometimes in Summer" (Bennett).  
4.50 p.m.—The Westworth Synchronic Dance Orchestra under baton of Cyril Kaye.  
5 p.m.—"Big Ben." Close down.

## Wednesday, August 31

## 2FC, SYDNEY

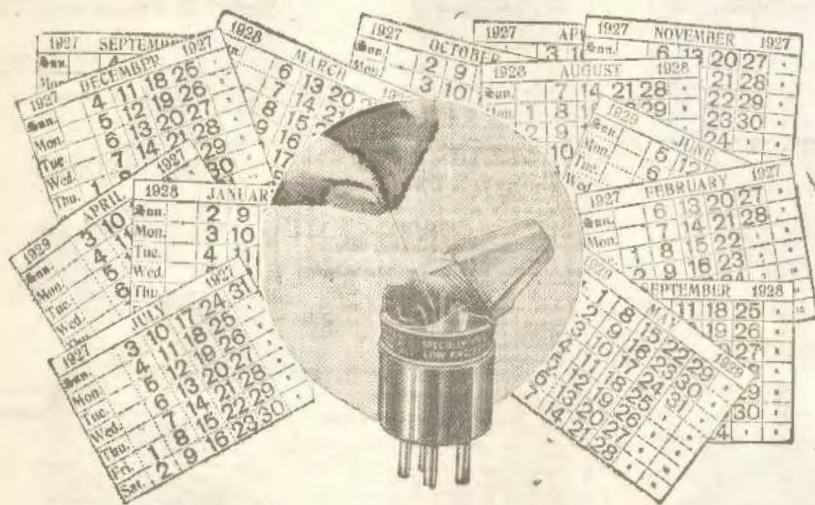
## EARLY MORNING SESSION.—7 to 9 a.m.

## 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.—Eveing News' midday news service.  
10.35 a.m.—Studio music.  
10.45 p.m.—Muriel Watt, contralto: (a) "Barracade in G" (Rubinstein). (b) "Alone Again" (Alfred Hill). (c) "Retrospect" (Alfred Hill).  
10.55 p.m.—Studio music.

## EARLY EVENING SESSION.

- 5.30 p.m.—Programme announcements and the Chimes of 2FC.  
8.45 p.m.—"The Hello Man" talks to the children.  
9.10 p.m.—"Hello Man" and "Jerry" entertain the young folk.  
9.40 p.m.—Dinner music.  
9.45 p.m.—Marion Harriott, blind pianist: (a) "Barracade in G" (Rubinstein). (b) "Alone Again" (Alfred Hill). (c) "Retrospect" (Alfred Hill).  
9.55 p.m.—Studio music.



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## 7 p.m.—"Big Ben."

Late sporting news.

7.10 p.m.—Dalery's market reports (wheat and stock).

7.14 p.m.—Fruit and vegetable market.

7.20 p.m.—Weather and shipping news.

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

## NIGHT SESSION.

9.45 p.m.—Progressive announcements.

7.48 p.m.—A Book Review, by Mr. Gratton Smith.

8 p.m.—"Big Ben."

Fraser Coos, baritone.

7.51 p.m.—Maggie Fisher, violinist:

(a) "Liebesfranz" (Kraiser).

(b) "Trauerer" (Schubert).

8.12 p.m.—W. F. Kay will tell of noted Stage Villains.

8.25 p.m.—Fraser Coos, baritone.

8.32 p.m.—Maggie Fisher, violinist:

(a) "Silver Threads among the Gold."

(b) "Serenade" (Della).

8.38 p.m.—Allice Frowse, contralto:

Friele from "Cycle of Life" (Ronald).

8.44 p.m.—Sophie Lashmore, instrumentalist:

(a) Marching solo, "Perrier's March" (Holla).

(b) "Sweet Lullaby solo, "Down Honolulu Way" (Aval).

8.50 p.m.—Scott Alexander will present the twelfth of MARTIN MEER'S dissertations, specially written for 2FC by Coddington Hall, entitled:

"WHY SHOULDN'T BACHELORS BE TAXED?"

8.57 p.m.—Fraser Coos, baritone.

9 p.m.—"Big Ben."

Weather forecast and announcements.

9.3 p.m.—Sam Stern, comedian.

9.15 p.m.—Allice Frowse, contralto:

"Sam Rainsford" song from "Songs of the Hebrides" (Fraser).

9.26 p.m.—Shirley Cook, soprano.

9.28 p.m.—Fraser Coos, baritone.

9.34 p.m.—Scott Alexander will present an entirely new and original Radio skit, specially written by Coddington Hall, entitled:

"MRS. END KEEPS HER END UP."

Mr. Scott Alexander, as the villain, supported by his carefully selected company of trained Radio artists.

9.38 p.m.—Sophie Lashmore, instrumentalist:

(a) Banjo solo, "Medley," Selections from "Carmen," "Mariana," and "William Tell" (Grzeskowiak).

(b) Banjo solo, "Medley of popular songs."

9.44 p.m.—Allice Frowse, contralto:

(a) "Lullaby" (Scott).

(b) "Love I have seen you" (from "Cycle of Life") (Ronald).

9.52 p.m.—Shirley Cook, soprano.

10 p.m.—"Big Ben."

At Jack and his "Crackajacks" in popular dance numbers.

10.15 p.m.—"The red knot" series.

10.17 p.m.—Shirley Cook, soprano.

10.20 p.m.—At Jack and his "Crackajacks."

10.28 p.m.—Stodie Rents.

10.40 p.m.—At Jack and his "Crackajacks."

10.47 p.m.—Late news and announcements.

11 p.m.—"Big Ben."

At Jack and his "Crackajacks."

11.30 p.m.—National Anthem.

Close down.

## 2BL, SYDNEY.

Wednesday.

## EARLY MORNING SESSION.

7 a.m. to 8 a.m.

## MORNING SESSION.

11 a.m.—G.P.O. Clock and Chimes.

Musical programme from the Studio.

11.15 a.m.—Talk on "Basket Ball" by Miss Gwen Varley, Broadcasters' Women's Sports Authority.

Social Notes—Replies to correspondents by Mrs. Jeram.  
Talk on "Domestic Hygiene," by a member of the District Board.

## AFTERNOON SESSION.

12 noon—G.P.O. Clock and Chimes. Special Ocean Forecast and Weather report.

12.20 p.m.—Brunswick Fanfare Musical Nocturne.

12.35 p.m.—Information—Mail, Shipping, and Port Directory.

12.45 p.m.—Beans in call by Wireless.

12.50 p.m.—Fruit Market report.

12.55 p.m.—Vegetable Market report.

1.00 p.m.—London Metal Market report.

1.05 p.m.—Dairy and Farm Produce Market report.

1.20 p.m.—G.P.O. Clock and Chimes.

Foreign Market report.

1.25 p.m.—Fishes Market report.

1.30 p.m.—Fishes Market report.

1.35 p.m.—News from the "Sun."

1.40 p.m.—Hilbert's Instrumental Quartette.

1.45 p.m.—Children's Page.

1.50 p.m.—Talk to Children and Special Entertainment for Children in Hospital.

2 p.m.—G.P.O. Clock and Chimes.

Musical programme from the Studio.

Racing information broadcast immediately after each race by courtesy of the "Sun."

2.10 p.m.—Racing results.

2.15 p.m.—News from the "Sun."

2.25 p.m.—Operatic Talk, "The Great Composers."

2.30 p.m.—G.P.O. Clock and Chimes.

News from the "Sun."

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

3.20 p.m.—Talk on "How to Maintain Your Health," by Dr. J. H. Maurice.

3.40 p.m.—Dunghavan Dance Band, broadcast from Dunghavan Gaiety.

4 p.m.—G.P.O. Clock and Chimes.

News from the "Sun."

4.15 p.m.—Serial Story.

4.40 p.m.—News from the "Sun."

4.55 p.m.—Resume of night's programme.

4.58 p.m.—Special Ocean Forecast.

5 p.m.—G.P.O. Clock and Chimes.

Close down.

## EARLY EVENING SESSION.

8.45 p.m.—G.P.O. Clock and Chimes.

Children's Evening.

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.

Weather report and forecast, by courtesy of Genl. Meteorologist.

Producers' Distributing Society's Fruit and Vegetable Market report.

Rice, Exchange reports.

Grain and Fodder report ("Sun").

Friday Produce report ("Sun").

R.L.M.A. Talk.

7.15 p.m.—Country News from the "Sun."

7.30 p.m.—Talk by a Member of the St. John's Ambulance Brigade.

8 p.m.—G.P.O. Clock and Chimes.

Broadcasters' Tipton Chorus.

8.1 p.m.—The Canterbury District Band (Bandmaster, Mr. Alan, Nicholson), broadcast from Baker's Hall, Cassino.

8.25 p.m.—Miss Elsie Findlay (soprano).

8.30 p.m.—Mr. Harrison Allen, Eleccionist, in selections from his repertoire.

8.45 p.m.—Doc Morrison and His Glom-chasers broadcast from the Ballroom of the Bondi Casino.

8.55 p.m.—Mr. William Edward (tenor).

8.58 p.m.—Weather report and Forecast, by courtesy of Mr. C. J. Mares, Genl. Meteorologist.

9 p.m.—The Abad Duo (Steel Guitars).

9.10 p.m.—Broadcasters' All-Sports Expert with Talk on "Boxing."

9.25 p.m.—Jake Friedman of The Veterans of Variety, in Humor and Song.

9.40 p.m.—The Canterbury District Band.

10.5 p.m.—Miss Elsie Findlay.

10.12 p.m.—Doc Morrison and His Glom-chasers broadcast from the Ballroom of the Bondi Casino.

10.27 p.m.—Mr. William Edward.

10.37 p.m.—Doc Morrison and His Glom-chasers broadcast from the Ballroom of the Bondi Casino.

10.39 p.m.—The Abad Duo.

10.40 p.m.—"Sun" news items.

10.50 p.m.—Doc Morrison and His Glom-chasers broadcast from the Ballroom of the Bondi Casino.

11 p.m.—G.P.O. Clock and Chimes.

National Anthem.

## 2UW, SYDNEY

Wednesday.

6 a.m.—News Shipping, milk, crucial items.

10 a.m.—Close down.

2 p.m.—Musical items.

2.30 p.m.—Talk on "Pashoban" by James W. Downing.

2.38 p.m.—Musical items.

3 p.m.—Close down.

5 p.m.—Musical items.

6 p.m.—Close down.

7 p.m.—Where to Go.

7.10 p.m.—Musical items.

8 p.m.—Concert from Wilks' Salon.

Pianoforte solo by E. F. Wilks.

"The Voice of the Hills" by Thurbon.

Mr. Eugene Ousepoff, baritone solo.

"How 'Thou Winter Wind," by Sergaev.

Miss Marie Hahn, Piano solo.

(a) Nocturne by Dushler.

(b) "Polka in A" by Chopin.

(c) "Garden of Allah" by Marshall.

(d) "Marie Hahn"—Pianoforte solo.

(e) "Scordililla" by Albaney.

(f) "Valse" by Levitzky.

(g) "Polka in A" by Chopin.

Mr. Eugene Ousepoff, baritone solo:

"Toreador's Song" from "Carmen" by Bizet.

Selection: "In a Little Spanish Town."

Miss Marie Hahn—Pianoforte solo:

"Moto Perpetuo" by Weber.

Mr. Eugene Ousepoff, baritone solo:

"Prince Ivan's Song" by Alkaza.

E. F. Wilks, pianoforte solo:

"Valse" by Leo S. Roberts.

9.30 p.m.—Close down.

## 3LO, MELBOURNE.

Wednesday.

## MIDNIGHT SESSION.

12 noon.—Time signal. Metal prices received by the Australian Mines and Metals Association from the London Stock Exchange.

12.30 p.m.—British official wireless news from Rugby. Reuters' and the Australian Press Association cables. "Argus" news service.

12.35 p.m.—JOB ARONSON AND HIS SYNCHRONIZING SYMPHONISTS:

"Mr. Mammy in Town" (Hirsch).

"Lonely Eve" (Davis).

"Mr. Cotic is Das at Two to Two To-day" (Hobin).

12.40 p.m.—ROKRAM'S SELENADERS:

Edith Huzham, Hugh Huzham.

Rena Maier, Dolly Bardett.

Lena Dunn, Johnny Marka.

Ethel McLean.

"Fid and Fiddle."

1 p.m.—HARRY CASH, comedian:

"Mr. Goodman is a Hoosier."

1.15 p.m.—Meteorological information. Weather forecast for Victoria, South Australia, Tasmania and New South Wales. Ocean forecast. River reports. Mailfall for Victoria, South Australia, Tasmania, and New South Wales.

Ask any Radio Engineer about Burgess.



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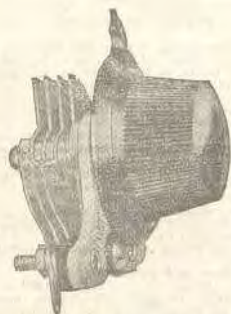


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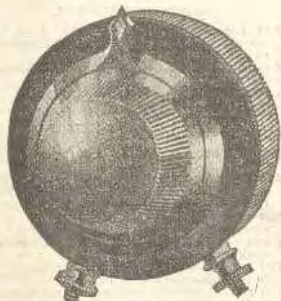


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72 CLARENCE STREET SYDNEY

- 4.14 p.m.—MOLLY MACRAE, soprano:  
"A Heart That's Free" (Kobay).  
"The Sun" (Warren Evans).
- 4.21 p.m.—JOE ARONSON AND HIS  
SYNCPATING SYMPHONISTS:  
"If I Didn't Know Your Husband and You  
Didn't Know My Wife."  
"The Far Away Belle" (Gordon).  
"Old Man" (D. Capon).
- 4.28 p.m.—JACK O'HAGAN, baritone:  
Foghorn.  
"Dreams of You."
- 4.35 p.m.—JOE ARONSON AND HIS  
SYNCPATING SYMPHONISTS:  
"Tonight you belong to me."  
"Ma Toot Ho, Ho, Ho, Ho, Ho."  
"Dog on the Pileau."
- 4.41 p.m.—JAMES RILEY, tenor:  
"Home of Pines" (Randy Wood).  
"Sally in Our Alley" (Carey).
- 4.48 p.m.—JOE ARONSON AND HIS  
SYNCPATING SYMPHONISTS:  
"He's the Last Word."  
"Hansie in on the Walks."  
"My Pal Jerry."
- 2 p.m.—Description of Yering Harbide, 3 miles.  
YARRA GLEN and LILLYDALE HUNT  
CLUB, at Moonce Valley, by "Musket," of  
the "Sporting Globe."
- 2.5 p.m.—Close down.
- 2.56 p.m.—Description of Yering Harbide, High-  
weight Harbide, 4 furlongs, YARRA  
GLEN and LILLYDALE HUNT CLUB, at  
Moonce Valley, by "Musket," of the "Sport-  
ing Globe."

## AFTERNOON SESSION.

- 8 p.m.—Description of Cave Hill Handicap, 1  
mile, YARRA GLEN and LILLYDALE  
HUNT CLUB, at Moonce Valley, by "Mus-  
ket," of the "Sporting Globe."
- 8.5 p.m.—STUDIO ORCHESTRA:  
"Serenade Hongroise" (Jowdrow).  
"Grand Valse Brillant" (Chopin).
- 9.15 p.m.—JACK O'HAGAN, baritone:  
Silver Threads Among the Gold" (by re-  
quest).  
"Do You Love Me When Eltes Are Grey."  
9.22 p.m.—TASMA TIERNAN, solo:  
"Old Swags" (Max Bruch).
- 9.29 p.m.—HARRY CAMEL, comedian:  
"Yodelling Interlude."
- 9.34 p.m.—STUDIO ORCHESTRA:  
"By the Waters of Minnetonka" (Lisar-  
ner).
- 9.41 p.m.—"Sad Moon and Falling Leaf."
- 9.49 p.m.—Description of YARRA GLEN and  
LILLYDALE HUNT CLUB Steeple, three  
miles, at Moonce Valley, by "Musket," of  
the "Sporting Globe."
- 9.55 p.m.—HUXHAM'S SERENADEERS.  
In a Bright Mood-up.  
"Happy Hesperians."
- 9.57 p.m.—STUDIO ORCHESTRA:  
"Savoye Moderne" (Several).
- 10.1 p.m.—MOLLY MACRAE, soprano:  
"Happy Song" (del. Rice).  
"The Young to Mary, You" (Seotch).
- 10.23 p.m.—Description of Flowerfield Waiver,  
seven furlongs, YARRA GLEN and LILLY-  
DALE HUNT CLUB, at Moonce Valley, by  
"Musket," of the "Sporting Globe."
- 10.31 p.m.—STUDIO ORCHESTRA:  
"Elegie from Suite III" (Tchakovsky).
- 10.39 p.m.—JAMES RILEY, tenor:  
"It's at the corner" (Henderson).  
"Siviana" (Adams).
- 10.47 p.m.—"Herald" news service. Stock Ex-  
change information.
- 10.50 p.m.—Description of Olinda Cestonian,  
and a quarter mile, YARRA  
GLEN and LILLYDALE HUNT CLUB, at  
Moonce Valley, by "Musket," of the "Sport-  
ing Globe."
- 8.30 p.m.—Answers to letters and birthday  
writings by "MARY MARY."
- 4 p.m.—STUDIO ORCHESTRA:  
Indian Lullaby" (Kobay).
- 8.10 p.m.—AL BARANICK, the Great Russian  
Wrestler, will tell the children another  
"Russian Fairytale."

## EVENING SESSION.

- 8.30 p.m.—STUDIO ORCHESTRA:  
"Lullaby" (Kerofit).
- 8.45 p.m.—"Herald" news service. weather  
and Stock Exchange information.
- 8.52 p.m.—Stock Exchange reports.
- 8.59 p.m.—Fish market reports by J. H. For-  
rest Ltd. Rabbit prices.
- 9.05 p.m.—Rivve reports.
- 9.12 p.m.—Market reports. Official reports of  
Newmarket sheep sales by the Associated  
Stock and Station Agents, Bourke street,  
Melbourne. Poultry, grain, hay, straw, jute,  
dairy produce, potatoes and onions.
- 9.20 p.m.—Market reports of fruit by the Vic-  
torian Fruitgrowers' Association.

## NIGHT SESSION.

- 10 p.m.—Under the auspices of the Depart-  
ment of Agriculture, MR. W. CROWE, Act-  
ing Director of Agriculture, will speak on  
"Marketing Methods."
- 10.20 p.m.—MR. CHARLES NUTTALL:  
"Looking to the Gallery."
- 10.40 p.m.—CAPTAIN PETERS:  
"Boke Wine and Obituary."
- 9 p.m.—  
"And here the Singer for his Art,  
Not all in vain was pleased,  
The Song that serves a Nation's heart  
Is itself a deed."

## A NIGHT WITH TENNYSON,

by

DR. FRANK NYDLARY.

A sketch of Tennyson's life, a review of  
his work as Poet, Philosopher and Drama-  
tist, and his message to Humanity.

SYNOPSIS.

- TENNYSON AS POET.  
Introduction.  
Song, "The Poet's Song" (Farry)—  
J. HOWARD KING, baritone.  
"Early Poems—  
"England and America."  
"Love and Duty."  
TENNYSON AS HUMORIST.  
Anecdotes and humorous poems.  
A contrast—The pathetic entry of "Enoch  
Arden."  
"Sweet and Low" (Barley)—  
Marian Mackay and Biddell, Messrs. Sulli-  
van and King.  
THE POET AGAIN:  
"Lockley Hall" and "Luciferine."  
"The Herald-Melody of the Higher Education  
of Women."  
Song from the Poetisms—"Thy Voice is  
Herald Through the Rolling Drum" (Berger)  
—J. HOWARD KING, baritone.  
"Now Sleeps the Crimson Petal" (Quiter-  
MOLLY MACRAE, soprano.  
DRAMATIC RECITAL.  
A Tale of the Ancient Druids—  
DAISY BRADLEY, elocutionist.  
INTRODUCTION TO "IN MEMORIAM."  
TENNYSON AS PHILOSOPHER.  
Illustrated by "In Memoriam" and other  
poems.  
"Ring Out Wild Bells"—J. D. SULLIVAN.  
"The Gospel of Modern Thought."  
"Strong Song of God—Industrial Lots."  
A LYRICAL MONODRAMA.  
"Come—Come Into the Garden, Mand"  
(Belle)—J. D. SULLIVAN, tenor.  
THE ROMANTIC IDYLLS OF THE KING  
AND THE KNIGHTS OF THE ROUND  
TABLE.  
Song, "The Philosopher's Song" (Jashin)—  
J. HOWARD KING, baritone.  
The finest poetical, burlesque, love story in  
the English language.  
Song, "The Novice's Song" (Marfaren)—  
ISOBEL BIDDLE, contralto.  
"Guthrie" and "The Passing of Arthur."  
TENNYSON AS DIAMATIST:  
The Making of England, Illustrated by  
Fremantle poetical, burlesque, love story in  
the English language.  
"Harold," "Becket," and "Queen Mary."  
"The Crown of the POET'S LIFE."  
WOLF.  
Song, "King the Fox" (Behrend).  
J. HOWARD KING, baritone.  
THE FINAL POEMS.  
THE SPIRIT OF POETRY  
TERMINATION.

- 10 p.m.—JOE ARONSON AND HIS SYN-  
COPATING SYMPHONISTS.  
10.10 p.m.—"Argus" news service. Meteorolo-  
gical information. HROK official wire-  
less news from Rugby. Announcements.  
10.17 p.m.—HUXHAM'S SERENADEERS:  
In a Sentimental Mood.  
10.21 p.m.—"A TRIP ACROSS BASS STRAITS."  
10.27 p.m.—"Argus" news service. Announce-  
ments.  
10.34 p.m.—JACK O'HAGAN, baritone:  
"The Paradise in Mother's Eyes."  
"Sipwede of Mine."  
10.51 p.m.—JOE ARONSON AND HIS SYN-  
COPATING SYMPHONISTS.  
11 p.m.—OUR GREAT THOUGHT:  
"To follow knowledge like a sinking star  
Beyond the utmost bound of human thought."  
11.1 p.m.—JOE ARONSON AND HIS SYN-  
COPATING SYMPHONISTS:  
"The Daily Standard" news; announce-  
ments.

## 4QG, BRISBANE.

Wednesday.

## EARLY MORNING SESSION.

- 6.30 a.m.—Physical culture music.  
7 a.m.—Close down.

## MIDDAY SESSION.

- 1 p.m.—Market reports; weather information;  
"The Daily Mail" and "The Daily Standard"  
news.  
1.30 p.m.—Lunch hour music, played by the  
Festral Institute Orchestra.  
1.52 p.m.—Standard time signal.  
2 p.m.—Close down.

## AFTERNOON SESSION.

- 3.30 p.m.—Afternoon tea music from the  
lounge, played by Hotel Carlton Symphony  
Orchestra.  
4.15 p.m.—Beauty talk by Dorothea Webster;  
and "Telegraph" news.  
4.30 p.m.—Close down.

## EARLY EVENING SESSION.

- 6 p.m.—"Daily Standard" news; announce-  
ments.  
6.15 p.m.—Lecturette: "A Child and His  
Prayer"—by the Rev. Mr. de R. Griffiths  
(G. of E. Director of Religious Education).  
6.50 p.m.—"The Children's Hour"  
Stories by "Little Miss Brisbane."  
7 p.m.—Special news service; market reports;  
stock reports.  
7.30 p.m.—Weather news; announcements.  
7.45 p.m.—Standard time signal.  
7.45 p.m.—Lecturette arranged by the Queens-  
land Academic High School and College.

## NIGHT SESSION.

- FROM THE TIVOLI THEATRE:  
8 p.m.—Orchestral music.  
"OFF DUTY."  
A ONE-ACT "DIGGER" PLAY IN THREE  
SCENES.  
(Written and Produced by Miss Thelma  
Charnock.)  
"Off Duty" is a short play in which are de-  
picted the adventures of four "Diggers"  
who, during the war, are granted a few  
hours' leave.  
FROM THE STUDIO:  
8.30 p.m.—One-act play, "Off Duty"—Scene  
1, "In the Billies." Scene 2, "At the Kaim-  
minit." Scene 3, "Back at the Billies." The  
musical numbers will include: (a) "I'd Like  
to Leave the Army"; (b) "Tipperary"; (c)  
"Pack Up Your Troubles"; (d) "When the  
Greenest Grass is Growing"; (e) "Made-  
moiselle From Armentieres"; (f) "Ruse of  
Fidelity"; (g) "Soldier's Chorus"; (h) "My  
Old Shako"; (i) "Long Leg Trail"; (j)  
"The Company Sergeant Major"; (k)



"Adieu, Marie"; (1) "The Soldier's Farewell"; (2) "End of a Perfect Day."  
TIVOLI ORCHESTRA.  
FROM THE TIVOLI THEATRE:  
5.45 p.m.—Orchestral music.  
10 p.m.—"The Daily Mail" news; weather news.  
Close down.

## SCL, ADELAIDE.

Wednesday.

MORNING SESSION.—12 noon to 2 p.m.

AFTERNOON SESSION.

3 p.m.—Chimes.  
3.1 p.m.—Relay, Organ Recitals.  
3.45 p.m.—From the Studio:  
Talk on the Girl Guide Movement, by Miss Martin.  
4 p.m.—Chimes.  
4.1 p.m.—Relay from the Arcadia Cafe:  
Orchestral Selections.  
Vocalist, Madeline Simmel.  
4.55 p.m.—Station announcements.  
5 p.m.—Chimes, and close down.

EVENING SESSION.

6 p.m.—Chimes.  
6.1 p.m.—Dinner music by the Covent Garden Orchestra.  
6.55 p.m.—Bedtime Stories.  
7.35 p.m.—Messrs. S. G. Ward and Co.'s Stock Exchange Intelligence.  
7.55 p.m.—"Boy Scout's" Corner.  
7.50 p.m.—"Faulding's" Talk.  
8 p.m.—Chimes.  
8.1 p.m.—Relay from Glenelg:  
The SCL Charity Ball.  
A special programme has been arranged for this occasion. The return of Professor Gravotti from Mars' will be staged.  
9.1 p.m.—Weather Report.  
9.2 p.m.—Daltry's wheat report.  
9.3 p.m.—Relay from the Maison Glenelg.  
10 p.m.—"Advertiser's" News Service.  
Wireless Shipping.  
Station Announcements.  
10.12 p.m.—Relay from the Maison Glenelg.  
10.55 p.m.—Tomorrow's programme.  
Station announcements.  
Weather Bulletin.  
National Anthem.

## 6WF, PERTH.

Wednesday.

12.30 p.m.—Time in.  
12.35 p.m.—Market Reports.  
Cables, News by courtesy of "The West Australian" Newspaper Coy.  
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.—A RELAYED CONCERT.  
Lunch hour concert arranged by Messrs. Murray's Limited, relayed from Lyric House, Murray Street.  
1.30 p.m.—STUDIO QUARTETTE:  
2 p.m.—Close down.  
3.30 p.m.—Time in.  
3.45 p.m.—Musical programme.  
4 p.m.—STUDIO ORCHESTRAL TRIO:  
Selection.  
4.30 p.m.—Close down.  
4.45 p.m.—Time in.  
5.00 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 Coy.

# Fuller

CHADWELL HEATH, LONDON, E.C.

# RADIO

## ACCUMULATORS

### LOW TENSION ACCUMULATORS



SW Type Cell in Celluloid

Supplied in strong celluloid, amonite or glass containers, with ample acid space and sludge space at bottom.

All terminals are "grease-cup" non-corrosible type. Separates 2 Volt units only—two for a 4 Volt and 3 for a 6 Volt Battery.

#### SW TYPE FOR HIGH T. VALVES.

Type.	Act. Cap.	Int. Cap.	Price	Ex. Works
	AH	AH	Ebonite	Celluloid
1 SW 5	20	40	9 6	11 3
1 SW 7	30	60	11 6	13 6
1 SW 9	40	80	13 6	16 0
1 SW 11	50	100	15 9	18 6
1 SW 13	60	120	18 0	21 0
1 SW 17	80	160	22 0	26 0
1 SW 21	100	200	26 3	30 9

#### SWD TYPE FOR DULL VALVES.

1 SWD 5	40	11 9	14 9
1 SWD 7	60	15 3	18 9
1 SWD 9	80	18 6	22 9

### HIGH TENSION ACCUMULATORS

Consisting of separate glass cells, with rubber covers. Supplied in crate, with non-corrosible terminals, filling funnel and tapping clip. Absolutely reliable and silent in operation.

Filling Funnel.

Price 17/6 Ex Works



30 Volt Type  
RRG High  
Tension Battery.

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LONDON, ENGLAND.

Cables: "FULLER, CHADWELL HEATH"

Western Union & Letter (preferred), A.B.C. 5th ED. and BENTLEY'S

ADDITIONAL AUSTRALIAN STOCKISTS REQUIRED  
LIBERAL DISCOUNTS ALLOWED  
ORDERS THROUGH USUAL ENGLISH SHIPPERS

C.T.P. 132



## Don't Grow Old

Ought What a horrible old world it was when a man went into carpet slippers and ordered a cemetery plot at 60, while his wife put on black and did her hair in a bun!

Everyone expected you to die decently in a few years, and you usually did.

To-day, one is never old until he is dead—and then he probably begins eternal youth. Why the only difference between a Grandmother and a Flapper is that the former makes the pace hot because she feels that the time left is shorter.

If there was a weight-for-age race to-day, the winners would all be over eighty!

Take my friend, Captain Bernier, 70 years, and Captain of one of the Arctic relief ships of the Canadian Government. He carries an official wireless set, worked by Burgess Radio Batteries, and switches on "Rose Marie" for the benefit of Eskimos and polar bears!

Old at 70? Not on your life! He is like a child on every hazardous voyage to chart new sea lanes, explore ice-free channels, and carry new Burgess Batteries to the sets of the Mounted Police in the far North West.

Yet he is always facing risks. Let the ice close up, an unknown rock rise in front of the bow, or the engines break down with an Arctic gale tearing over the horizon, and good old Bernier would vanish with his steamer.

If such be the sea way by which my friend starts on the voyage from which there is no return, it is certain that he will spend the last hour in his easy chair, pipe gripped in teeth, beside his beloved radio set!

Before the Burgess battery captured Australia, batteries were often old before they were born—that is, before you and I bought them at the shop.

To-day, Burgess batteries come in factory-fresh every month and go on living until you get tired of seeing the same battery and by shame's sake order another of the same inimitable brand.

Late news items by courtesy of "The Daily News" Newspaper Coy.

Ships within Range announcements.

7.45 p.m.—Talk.

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

9.45 a.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.

9.5 p.m.—VARIETY NIGHT.  
Items by the STUDIO STRING TRIO.  
Visits Assisting Artists.

10 p.m.—Late news items by courtesy of "The Daily News" Newspaper Coy.  
Items within Range announcements.  
Weather Report and Forecast.

10.30 p.m.—Close down.

## Thurs., Sept. 1 2FC, SYDNEY

EARLY MORNING SESSION.—7 to 8 a.m.

### MORNING SESSION.

10 a.m.—"Big Ben" and announcements.

10.5 a.m.—Single music.

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

10.30 a.m.—Studio music.

10.35 a.m.—A racing talk by the ZFC Commentator.

10.45 a.m.—Studio music.

11 a.m.—"Big Ben."

Marching music for school children.

11.5 a.m.—A.P.A. and Bernier's Cable services.

11.10 a.m.—Studio music.

11.15 a.m.—A reading.

11.30 a.m.—Close down.

### MIDDAY SESSION.

11 noon—"Big Ben" and announcements.

12.3 p.m.—Stock Exchange, first call.

12.8 p.m.—Official weather forecast, rainfall, temperatures.

12.8 p.m.—Studio music.

12.10 p.m.—Summary of "Spring Morning Herald" news service.  
Maggy wireless news.

12.25 p.m.—Studio music.

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

12.40 p.m.—Rita Hrad, mezzo:

"A Hippity" (Woodman).

12.45 p.m.—The Oak Hall Instrumental Trio (London, Mr. Harvey Kenna).

12.55 p.m.—Studio music.

1 p.m.—"Big Ben."

Weather Intelligence.

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

Producers' Distributing Society's Report.

1.50 p.m.—The Oak Hall Instrumental Trio.

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

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

1.58 p.m.—Rita Hrad, mezzo:

"April is a Lady" (Phillips).

1.45 p.m.—Studio music.

1.50 p.m.—The Oak Hall Instrumental Trio.

1.55 p.m.—Last minute racing information by the ZFC Commentator.

2.5 p.m.—Close down.

### AFTERNOON SESSION.

3 p.m.—"Big Ben" and announcements.

3.2 p.m.—A Violin Recital by the pupils of Mr. Cyril Monk.

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

3.40 p.m.—Allison Bear, mezzo:

"Echo" (Somerset).

3.45 p.m.—Violin solo, "Salut d'Amour" (Eigars).

(Arranged for two violins and played by Pupils of Mr. Cyril Monk.)

3.50 p.m.—The Oak Hall Instrumental Trio.

4 p.m.—Gladys Ashby, soprano:

"Sing, Yeona Bird" (Phillips).

4.5 p.m.—Violin solo, "Minnet" (Padzewski) (arr. Krivier).

Pupil of Mr. Cyril Monk.

4.10 p.m.—The Oak Hall Instrumental Trio.

4.15 p.m.—Sue Hewitt, mezzo:

"Scene of Love and Death" (Ramp).

4.20 p.m.—Allison Bear, mezzo:

"Somewhere a Voice is Calling" (Tate).

4.25 p.m.—Mr. G. J. Lockley will talk on "What to do with Hyde Park" (concluded).

4.35 p.m.—Sid Montagu, vocalist with ukulele.

4.40 p.m.—Gladys Ashby, soprano:

"The Piper of Love" (Carver).

4.45 p.m.—Stock Exchange, third call.

4.47 p.m.—Hilda Nelson, mezzo soprano.

4.50 p.m.—Sue Hewitt, mezzo:

"Toss" (Rabach).

4.55 p.m.—Sid Montagu, vocalist with ukulele.

4.58 p.m.—Hilda Nelson, soprano.

5 p.m.—"Big Ben." Close down.

### EARLY EVENING SESSION.

5.40 p.m.—The Chimes of EPO.

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

5.55 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.—Daltry's market reports (wheat, wheat and stock).

7.18 p.m.—Fruit and vegetable markets.

7.20 p.m.—Weather and shipping news.

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

### NIGHT SESSION.

7.40 p.m.—Programme announcements.

7.45 p.m.—The Technical Editor of "Wireless Weekly" will give hints to listeners.

8 p.m.—"Big Ben."  
The Lyric Winter Garden Theatre, George Street, Sydney.

Jimmy Atkins and his Jazz Band, with the Grand Organ.

8.16 p.m.—Winner of the Music Competition, No. 2, will be announced.

8.18 p.m.—Andrew Hargraves and Enid Lavin, entertainers:

(a) "Winter time comes round" (Allen).

(b) "Rosebud" (Drummond).

8.20 p.m.—Gladstone Bell, solo solo:

(a) "Melodie" (Glack).

(b) "Taranulle" (Commans).

8.22 p.m.—Andrew Hargraves and Enid Lavin, entertainers:

(a) "Now I've got you" (Ruh).

(b) "To Sam" (Finsen).

8.40 p.m.—The Lyric Winter Garden Theatre Orchestra:  
Jimmy Atkins and his Jazz Band.

8.58 p.m.—Ad Cress, Scotch comedian.

8.57 p.m.—Announcing details of the programmes from Government House.

9 p.m.—"Big Ben." Latest weather forecast.

9.1 p.m.—FROM THE BALL ROOM OF GOVERNMENT HOUSE, SYDNEY (by gracious permission of Her Excellency, Lady de Chair); Items from the "Musicals." NOTE: Every six or eight weeks a musical evening is held in the ball room of Government House and the idea occurred to Lady de Chair that it is a pity that only her guests hear the excellent programme usually provided on these occasions. At her suggestion consequently, Station 2PC, Sydney, has arranged to broadcast this vice regal Musicale. It is country listeners mainly of whom Lady de Chair is thinking, for at Cobarr recently she listened to the Sydney radio programmes and she has expressed the opinion that broadcasting is of very great value in alleviating the loneliness of country life.

1. Madame Betts Vincent, solo pianist:  
(a) "Ballade in D Minor" (Brahms).  
(b) "Impromptu in A Flat" (Chopin).

9.10 p.m.—8. Alfred Cunningham, English operatic baritone:  
"Eri Tu" (Aria from "Un Ballo in Maschera" (Verdi).

9.13 p.m.—3. Miss Dagmar Thompson, violin solo:  
"Ave Maria" (Schubert-Wilhelmj).

9.26 p.m.—4. Miss Rene Maxwell, soprano:  
"Cave Nozze" (Rigoletto).

9.35 p.m.—5. Madame Betts Vincent, solo pianist:  
(a) "Prelude from Holberg Suite" (Grieg).  
(b) "Night in May" (Palmer).  
(c) "Shepherd's Hay" (Percy Grainger).

9.43 p.m.—6. Alfred Cunningham, baritone:  
"Warner's Parting Song" (Newell).

9.50 p.m.—7. Miss Dagmar Thompson, violin solo:  
"Praeludium and Allegro" (Porgandi-Kreleler).

9.57 p.m.—8. Miss Rene Maxwell, soprano:  
(a) "Only the River Running By" (Hopkin).  
(b) "Oh, Ship of My Delight" (Phillips).  
10.5 p.m.—Gladstone Bell, "cellist" (from the Studio);  
"Romance" (Saint Saens).

10.10 p.m.—Andrew Higginson and Eoid Lavis, entertainers:  
(a) "Shirts" and patter.  
(b) "Maidens in Japan" (Finden).

10.18 p.m.—The Lyric Winter Garden Theatre, George Street, Sydney:  
Jimmy Elkins and his Jazz Band, with the Grand Organ.

10.50 p.m.—Ad Cree, Scotch comedian.

10.48 p.m.—The Wentworth Symphonic Dance Orchestra, under the baton of Cyril Kaye.

10.57 p.m.—Late news and announcements.

11 p.m.—"Big Ben."  
The Wentworth Symphonic Dance Orchestra.

11.40 p.m.—National Anthem.  
Close down.

## 2BL, SYDNEY.

Thursday.

### EARLY MORNING SESSION.

7 a.m. to 9 a.m.

### MORNING SESSION.

10.30 a.m.—G.P.O. Clock and chimes. Musical programme from Studio.

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

10.50 a.m.—Musical programme from the 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 correspondence is held in the ball room of Government House and the idea occurred to Lady de Chair that it is a pity that only her guests hear the excellent programme usually provided on these occasions. At her suggestion consequently, Station 2PC, Sydney, has arranged to broadcast this vice regal Musicale. It is country listeners mainly of whom Lady de Chair is thinking, for at Cobarr recently she listened to the Sydney radio programmes and she has expressed the opinion that broadcasting is of very great value in alleviating the loneliness of country life.

12 noon.—G.P.O. Clock and chimes.  
Special Ocean Forecast and weather reports.

12.3 p.m.—Brunswick Panatropic Musical Recital.

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.

12.26 p.m.—Dairy and Farm Produce Market report.

12.30 p.m.—G.P.O. Clock and chimes.  
Forex Market report.

12.32 p.m.—Fish Market report.

12.34 p.m.—Rabbit Market report.

12.36 p.m.—News from the "Sun."

12.45 p.m.—Hilvers, Instrumental Quartet—direction—Caryl Castling.

1.30 p.m.—G.P.O. Clock and chimes. Talk to Children and special entertainment for Children in Hospital.

2 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 p.m.—G.P.O. Clock and chimes. Musical programme from Studio.

3.18 p.m.—News from the "Sun."

3.24 p.m.—Musical programme from studio.

3.30 p.m.—News from the "Sun."

3.40 p.m.—Dunrovan Dance Band broadcast from the Dunrovan Cabaret.

4 p.m.—G.P.O. Clock and chimes. News from the "Sun."

4.15 p.m.—Serial story.

4.50 p.m.—Dunrovan Dance Band.

4.55 p.m.—News from the "Sun."

4.58 p.m.—Resume of night's programme.

4.57 p.m.—Racing Resume.

4.59 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. CHIMES session.

6 p.m.—The pupils of Miss Monica Smully will entertain the children.

6.30 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 Govt. Meteorologist.

Producers Distributing Society's Fruit and Vegetable Market report.

Stock Exchange Reports,  
Grain and Fodder report ("Sun.")

Dairy Produce report ("Sun.")  
Weekly Traffic Bulletin.

7.15 p.m.—Country News from the "Sun."

7.30 p.m.—Talk on "Metric Progress in the United States" by Mr. Rupert Mackham, H.R.

8 p.m.—G.P.O. Clock and chimes.  
Broadcasters' Topical Chorus.

8.3 p.m.—The Marriokville Salvation Army Band, under the direction of Mr. N. H. Knight broadcast from Westray Street, Marriokville.

# Loewe Multiple Valves a marvellous advance in radio art

are meeting with an exceptional success everywhere. Because of their high sensitivity and simplicity they permit of the construction of extremely powerful yet inexpensive local and long range sets. The ideal instruments for music lovers.



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This is true economy. You can make no mistake in buying either the Columbia No. 4770 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.

## Columbia Radio Batteries

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Factory Representatives: 354  
ELLS & Co. (Aust.) Ltd.  
244-6 Clarence St., Sydney N.E.W.

- 8.23 p.m.—Bill and Molly Owen and Jack Netherby in a medley of jazz.
- 8.43 p.m.—Weather report and forecast by courtesy of Mr. C. J. Mayes, Govt. Meteorologist.
- 9.03 p.m.—Radio play under the direction of Edward Duga.
- 10.15 p.m.—Cec. Morrison and his Glomacchies broadcast from the ballroom of the Bondi Casino.
- 10.25 p.m.—Mr. Douglas Graham, (scottish melodies).
- 10.35 p.m.—Cec. Morrison and his Glomacchies broadcast from the ballroom of the Bondi Casino.
- 10.43 p.m.—Resume of following day's programme.
- 10.45 p.m.—Mr. Douglas Graham.
- 10.55 p.m.—Cec. Morrison and his Glomacchies broadcast from the ballroom of the Bondi Casino.
- 11 p.m.—G.P.O. Check and rhimes National Anthem.

## 3LO, MELBOURNE

### Thursday

#### MIDDAY SESSION.

- 12 noon.—Time signal. Metal prices, received by the Australian Mines and Metals Association from London Stock Exchange this day. Kent's and the Australian Press Association radio. British Official Wireless news from Rugby.
- 12.15 p.m.—Under the auspices of the Concert-goers and Community Singers' Association—COMMUNITY SINGING—transmitted from the Assembly Hall, Talling street, Melbourne.
- 2.45 p.m.—Stock Exchange information. Weather forecasts for Victoria, Tasmania, South Australia, and New South Wales. Ocean forecast, river reports. Rainfall for Victoria, Tasmania, South Australia and New South Wales.

#### AFTERNOON SESSION.

- 3 p.m.—REV. KENNETH HENDERSON: "Topics of the Week."
- 3.15 p.m.—MR. W. G. JAMES will give an illustrated talk on: "Footbores."
- 3.30 p.m.—MISS G. ELOD GREGG, B.A., LL.B.: "The Royal Family of Spain."
- 3.45 p.m.—STUDIO ORCHESTRA: Selection, "Don Pasquale." (Dimitoff)
- 3.55 p.m.—HUXHAM'S SERENADERS, Edith Huxham, Hugh Huxham, Ross Miller, Dolly Burdett, Leona Deane, Johnny Marke, Edd McLeve. In the Musical Burlesque of "Opera's "How Marie's Life Was Saved."
- 4.10 p.m.—STUDIO ORCHESTRA: "Romance Sans Parole." (Deb). "Cello and Orchestras."
- 4.25 p.m.—HARRY CASH, comedian: "When the Sun Goes Down in Dixie."
- 4.30 p.m.—Herald news service. Stock Exchange information.
- 4.45 p.m.—EVENSONS—transmitted from St. Paul's Cathedral.
- 5.00 p.m.—Acceptance for show at Centfield, Saturday, September 3.

#### EVENING SESSION.

- 8.05 p.m.—Answers to letters and birthday greetings to "MADY GIMMELBAUM."

- 6.5 p.m.—STUDIO ORCHESTRA: "Teddy Bear Fasse."
- 8.15 p.m.—MISS M. SHEPHERD will sell the children: "Some more strange tales about animals."
- 8.30 p.m.—ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for to-day to CHILDREN: "Acquire the safety habit—it is the only habit that will never hurt you." Herald news service, weather synopsis, adapting movements.
- 8.52 p.m.—Stock Exchange information.
- 8.57 p.m.—River reports.
- 9.00 p.m.—Fish market reports by J. R. Burnett Ltd., Hobbs prize.
- 9.2 p.m.—Market reports by the Victorian Producers' Co-operative Company Ltd., Poultry, grain, hay, straw, Jute, dairy produce, potatoes and onions. Market reports of fruit by the Victorian Producers' Association.

#### NIGHT SESSION.

- 7.15 p.m.—MR. F. A. NEWMAN will speak about the "Lucky Items for the Month of September."
- 7.30 p.m.—Under the auspices of the Health Association, Mr. Frank P. Byrne will speak on: "Oral Hygiene."
- 7.45 p.m.—MISS OLIVE SLOANE, who is appearing in "Cradle Snatchers" at the King's Theatre, will speak to you from her beautiful home. In perusal of J. C. WILLIAMSON LTD.
- 8 p.m.—MR. ROD McLEOD will speak on: "Football."
- 8.15 p.m.—JOE ARONSON AND HIS SYNGO-SYMPHONISTS.
- 8.25 p.m.—HARRY CASH, Comedian: "Italian Opera"—burlesque.
- 8.28 p.m.—JOE ARONSON AND HIS SYNGO-SYMPHONISTS.
- 8.30 p.m.—MOLLY MACKAY, soprano. "Comin' Thro' the Rye."
- 8.43 p.m.—JOE ARONSON AND HIS SYNGO-SYMPHONISTS.
- 8.52 p.m.—JACK O'HAGAN, baritone. "She's Just What the Doctor Ordered."
- 8.57 p.m.—JOE ARONSON AND HIS SYNGO-SYMPHONISTS.
- 9.7 p.m.—JAMES BILEY tenor: "It is a Charming Girl" (Irish).
- 9.11 p.m.—JOE ARONSON AND HIS SYNGO-SYMPHONISTS.
- ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE TO-DAY IS: CHILDREN: "Acquire the safety habit—it is the only habit that will never hurt you."
- 9.21 p.m.—HARRY CASH, comedian: "Yodelling Interlude."
- 9.25 p.m.—JOE ARONSON AND HIS SYNGO-SYMPHONISTS.
- 9.35 p.m.—MOLLY MACKAY, soprano: "The Lass with the Delicate Air" (Arie).
- 9.39 p.m.—JOE ARONSON AND HIS SYNGO-SYMPHONISTS.
- 9.49 p.m.—JACK O'HAGAN, baritone: "If You See Sally."
- 9.52 p.m.—JOE ARONSON AND HIS SYNGO-PAT SYMPHONISTS.
- 10.3 p.m.—"Argus" news service. Sporting notes by "Olympus." Meteorological information. Accompaniments.
- 10.29 p.m.—JOE ARONSON AND HIS SYNGO-PAT SYMPHONISTS.
- 10.30 p.m.—JAMES BILEY, tenor: "Believe Me If All" (Irish).
- 10.31 p.m.—JOE ARONSON AND HIS SYNGO-PAT SYMPHONISTS.
- 10.45 p.m.—HARRY CASH, comedian: "Glasses on the Bar Room Floor."

10.48 p.m.—JOE ARONSON AND HIS  
SYNCOPEATING SYMPHONISTS.

11 p.m.—OUR GREAT THOUGHT:  
"The true epic of our time is not 'Arms  
and the Man,' but 'Tools and the Man'—  
an infinitely wider kind of epic."—Carlyle.

11.1 p.m.—JOE ARONSON AND HIS  
SYNCOPEATING SYMPHONISTS.

11.40 p.m.—GOD SAVE THE KING.

## 4QG, BRISBANE.

Thursday.

### MIDDAY SESSION.

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

### FROM THE CONSTITUTIONAL CLUB:

1.29 p.m.—A lunch hour address.  
1.58 p.m.—Standard time signal.  
2 p.m.—Close down.

### AFTERNOON SESSION.

3.30 p.m.—A programme of music from the  
Studio.  
4 p.m.—A cookery talk by "Betty Simpson."  
4.18 p.m.—"Telegraph" news.  
4.38 p.m.—Close down.

### EARLY EVENING SESSION.

6 p.m.—"Daily Standard" news; announce-  
ments.  
6.15 p.m.—Lecture: "Why not Esperanto in  
the Schools?"—by Mr. Maurice Hyde.  
6.30 p.m.—The Children's Session:  
Stories by "The Sandman."  
7 p.m.—Special news service; market reports;  
stock reports.  
7.30 p.m.—Weather news; announcements.  
7.48 p.m.—Standard time signal.  
7.45 p.m.—Lecture: A talk on Books, by  
Mr. W. A. Braiden (McLeod's).

### NIGHT SESSION.

#### FROM ST. BARNABAS:

8 p.m.—A varied concert programme.

#### THE STUART QUARTETTE.

The second portion of the programme will  
be provided in the studio of 4QG by the  
Stuart Family Party.

#### FROM THE STUDIO:

9.15 p.m.—Overture, "March Militaire" (Schu-  
bert), "Roceline" (Rabner), the Stuart  
Quartette; violin solo, "Harlequin Sere-  
nade" (Drigo), Miss Enid Stuart; solo, "Hil-  
lelelajah" (Hummel), Miss Margery Stuart;  
piano solo, "Le Carillon" (Couperin), Miss  
Erica Stuart; string quartette, "Rhapsody"  
(Liszt), the Stuart Quartette; viola solo,  
"Londonderry Air," Mrs. Stuart; solo,  
"Shepherd's Cradle Song" (Sommerell), with  
violin and viola obligato, Miss Margery  
Stuart; violin solo, "Romance in E" (Beet-  
hoven), Miss Erica Stuart; cello solo,  
"Shubert Song" (Rimsky Korsakoff),  
"Oriental" (Cui), Miss Margery Stuart;  
quartette, "Beronise" (Jarnoff), "Salut  
d'Armour" (Egler), the Stuart Quartette.

#### FROM THE STUDIO:

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

### Ever-Ready Features No. 4.

# Economy

As in motor cars, so in radio batteries—economy is a most desirable and deciding factor. The true economy of Ever-Ready is found, not only in its price, but in its long life and utter reliability—two salient features which have made the Ever-Ready Radio Battery famous.

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Price ..... 2/9

One of a group of radio batteries. Useful in wireless, lighting, and amplification. Size, 3½ x 4 x 1½. Most useful for bells, telephones, burglar alarms, medical coils, etc. With three brass terminals. Voltages 1.5, 3 or 4.5 volts. Useful for all wireless purposes as well as general utility.



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Price ..... 9/-

The Ever-Ready "Standard" "A" Battery (3-cell), 4.5 volt, specially designed for economical operation of L. 2, or 3 valves, taking .06 amperes at 3 volts. For sets with four or more valves, the most economical service is obtained by using two "Standard" "A" Batteries connected in parallel.



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### Balkite "B" The noiseless tubeless permanent light socket "B" power supply

Balkite "B" replacing "B" batteries and supplying "B" current from the light socket, is one of the outstanding successes in radio. It is radically different from any other "B" Power device.

Same working principle as in the well-known  
BALKITE TRICKLE CHARGER.



MODEL BW,  
for Sets with  
5 Valves  
(201A Type)  
or less,  
£11/10/-

MODEL BX,  
for sets with  
8 Valves,  
and up to  
135 Volts.  
£16/15/-

1. It is entirely noiseless. Its smooth silent flow of current gives a constant quality of reception to be secured in no other way.
2. It is permanent. So far as we know, not one has ever worn out.
3. It has no tubes. The rectifying cells are permanent, and do not require removal. To our knowledge Balkite "B" is the only "B" power supply free from replacements.
4. It will not deteriorate either from continuous use or lying idle.
5. Over 25,000 Balkite "B"s are to-day giving satisfactory service in all types of receiving sets.
6. It is the most economical source of "B" power. With sets of higher current requirements its use is highly desirable for the saving alone.
7. Once connected and set to the needs of your receiver, it requires no adjustments. There are no controls or dials to complicate tuning.

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## Friday, Sept. 2 2FC, SYDNEY.

Friday.

### EARLY MORNING SESSION.

7 a.m. to 9 a.m.

### MORNING SESSION.

- 10 a.m.—"Big Ben" and announcements.  
10.5 p.m.—Studio music.  
11.15 a.m.—Sydney Morning Herald news service.  
11.30 a.m.—Studio music.  
11.55 p.m.—A reading.  
12.45 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.  
11.20 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.  
12.25 p.m.—Studio music.  
12.30 p.m.—Marching music for school children.  
12.40 p.m.—Dulcie Searle, soprano: "Christmas" (Penn).  
12.45 p.m.—THE OAK HALL INSTRUMENTAL TRIO (leader, Mr. Horace Kestle).  
12.55 p.m.—Studio music.  
1 p.m.—"Big Ben." Weather intelligence.  
1.4 p.m.—"Evening News" midday news service.  
Producers' Distributing Society's report.  
1.20 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
1.25 p.m.—Stock Exchange, second call.  
1.30 p.m.—Marching music for school children.  
1.40 p.m.—Dulcie Searle, soprano: "Down in the Forest" (Ronald).  
1.45 p.m.—Studio music.  
1.50 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
2 p.m.—"Big Ben." Close down.

### AFTERNOON SESSION.

- 3 p.m.—"Big Ben" and announcements.  
3.4 p.m.—Will Howard, comedian.  
2.10 p.m.—Studio music.  
2.22 p.m.—Will Howard, Comedian.  
2.30 p.m.—Marching Music for School Children.  
2.40 p.m.—Ellen Mearns, Soprano: "Song of the Little Folk" (Coates).  
2.45 p.m.—The Oak Hall Instrumental Trio.  
2.55 p.m.—Ester Nefford, Soprano: "A Little Birdie."

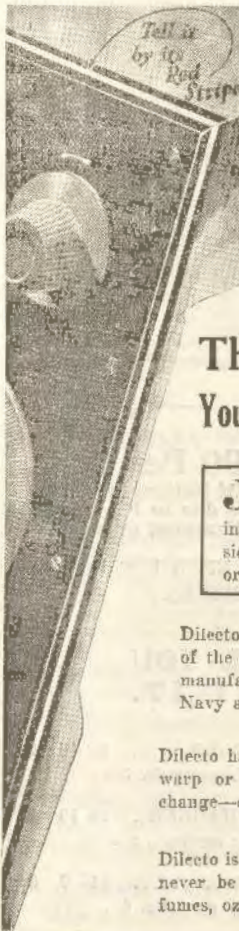
- 6.0 p.m.—Frank Rotham, Baritone:  
"Late Player" (Allstern).
- 6.5 p.m.—May Craven, Soprano:  
"Do Not Go, My Love" (Hagaman).
- 4.10 p.m.—The Oak Hall Instrumental Trio.
- 4.15 p.m.—Frank Adams, Baritone:  
"Blue Skies" (Berlin).
- 4.20 p.m.—Eileen Moran, Soprano:  
"Sincerity" (Clarke).
- 4.25 p.m.—The Oak Hall Instrumental Trio.
- 4.30 p.m.—Kacey Herford, Soprano:  
"Serenade" (Gounod).
- 4.40 p.m.—Frank Rotham, Baritone:  
"Gay Cavalier" (Smith).
- 4.45 p.m.—Stock Exchange, third rail.
- 4.47 p.m.—May Craven, Soprano:  
"The Laughing Brook" (Kashbach).
- 4.50 p.m.—Frank Adams, Baritone:  
"Thermogene" (Hert Lei).
- 4.53 p.m.—The Wentworth Symphonic Dance  
Orchestra, under the baton of Mr. Cyril  
Kaye.
- 5 p.m.—"Big Ben." Close down.

## EARLY EVENING SESSION.

- 5.40 p.m.—The Chimes of 2FC.
- 5.45 p.m.—The "Hello Man" Talks to the  
Children.
- 6.20 p.m.—A Story for the Young Folk.
- 6.40 p.m.—Dinner Music.
- 7.0 p.m.—"Big Ben"; The SFC Racing Com-  
missioner in the latest racing information.
- 7.10 p.m.—Dalsely's Market Reports (Wool,  
Wheat and Stock).
- 7.18 p.m.—Fruit and Vegetable Markets.
- 7.20 p.m.—Weather and Shipping News.
- 7.25 p.m.—Late "Evening News" News Ser-  
vice.

## NIGHT SESSION.

- 7.40 p.m.—Programme Announcements.
- 7.45 p.m.—Mr. Brunton Gibb Talks about  
the personality of Ellen Terry.
- 8.0 p.m.—"Big Ben"; The Lyceum Theatre  
Orchestra.
- 8.15 p.m.—Signor Ubaldo Russo, Tenor:  
(a) "Cavatina" from "Barber of Seville"  
(Rossini).  
(b) "Toselli's Serenade" (Toselli).
- 8.22 p.m.—Win and Windie, English Enter-  
tainers:  
Song and Story (Win).
- 8.30 p.m.—Dr. Fred Williams, a recent arrival  
from China, will discuss the situation and  
give some of his experiences.
- 8.40 p.m.—Nellie Chadwick, Soprano:  
(a) "None But the Lonely Heart" (Tchek-  
kowsky).  
(b) "Gentle Shepherd" (Pergolesi).
- 8.50 p.m.—Ewart Chapple, Pianoforte Soloist.
- 9.0 p.m.—"Big Ben"; Latest Weather In-  
formation and Announcements.
- 9.2 p.m.—Signor Ubaldo Russo, Tenor:  
(a) "Neapolitan Melody" (Tajiaferri).  
(b) "Oh, Lisbona," from "Don Sebastiano"  
(Donizetti).
- 9.10 p.m.—"Did You Know?"
- 9.12 p.m.—Win and Windie, English Enter-  
tainers:  
"The Importance of being ERNEST" (Win).
- 9.20 p.m.—Cyril Monk, Violinist:  
(a) "Londonderry Air" (Arr. Monk).  
(b) "Spanish Dance, No. 8" (Brazzate).
- 9.27 p.m.—Nellie Chadwick, Soprano:  
(a) "Synova's Song" (Kjerulf).  
(b) "O Wandrous Mystery of Love" (Liszt).
- 9.34 p.m.—David Craven, Baritone:



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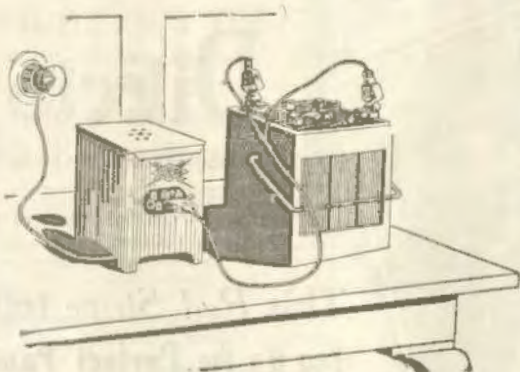
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9.40 p.m.—Win and Winkle, English Entertainers.

"More Unnatural History" (Wals).

9.45 p.m.—Bertha Warren, Comedienne.

9.52 p.m.—The Lyceum Theatre Orchestra.

10.0 p.m.—"Big Ben"; David Graven, Baritone.

10.5 p.m.—Away to the Item at 2.10 p.m.

10.15 p.m.—Cyril Monk, Violinist:

(a) "Serenata" (Mozzkowski).

(b) "Saxonia Fantasia" (Dvorak-Kralovic).

10.18 p.m.—The Lyceum Theatre Orchestra.

10.25 p.m.—Bertha Warren, Comedienne (from the Studio).

10.28 p.m.—The Westworth Symphonic Orchestra, under the baton of Mr. G. J. Kaye.

10.57 p.m.—Late News and Announcements.

11.0 p.m.—"Big Ben"; The Westworth Symphonic Dance Orchestra.

11.50 p.m.—National Anthem; Close Down.

## 3LO, MELBOURNE

Friday

MIDDAY SESSION.

12 noon.—Time signal. Metal prices received by the Australian Press Association from the London Stock Exchange this day. British official wireless news from Rugby. Reuter's and The Australian Press Association cables. "Argus" news review.

12.20 p.m.—STUDIO ORCHESTRA:

"Serenade" (Herbert).

"Fleur de Lis" (Schultz).

12.30 p.m.—HARRY CARR, comedian:

"At the Yiddish Wedding."

12.37 p.m.—Stock Exchange information.

12.45 p.m.—RUXHAM'S SERENADERS:

In a Breezy, Snappy Revue:

"A Day Out."

1 p.m.—Meteorological information. Weather synopsis for Victoria, Tasmania, South Australia and New South Wales. Ocean forecasts. River reports for Tasmania, Victoria, South Australia and New South Wales.

1.7 p.m.—JACK O'HAGAN, baritone:

"The Dixie Vegetable."

"Take to the Sides."

1.14 p.m.—STUDIO ORCHESTRA:

"Black Eye" (Havlick).

"The Moonlight and You" (Swain).

1.30 p.m.—MUSICAL HALF HOUR. AN-

gaged by Mr. J. Sutton Crow.

First—MABEL NELSON will sing—

"Variations Brillantes" (Chopin).

MARGORIE BAINES will sing:

"One Spring Morning" (Nevin).

"Pammy" (Lilings).

Virgin—ALFRED ACLAND will play:

"Cantabile" (Tchaikowsky).

"Air on G String" (Bach).

MABEL NELSON will sing:

"Irish Folk Song" (Foote).

"I Know My Love" (Old Irish arr. Hughes)

MARGORIE BAINES will sing:

"Spring"

"Rose Softly Blooming" (Spohr).

2 p.m.—Close down.

AFTERNOON SESSION.

2 p.m.—STUDIO ORCHESTRA:

"Mock Morris Dance" (Granger).

"Molly on the 'Phone."

2.15 p.m.—MISS FRANCES FRASER:

"Down the Irish Channel."

2.25 p.m.—STUDIO ORCHESTRA:

"A Cockney Suite" (Ketelby).



- 8.38 p.m.—MOLLY MACKAY, soprano:  
"Edges of Pain," from "The Arcadians."  
"The Cuckoo" (Lehmann).
- 8.42 p.m.—DOROTHY ROXBURGH, viola:  
"To a Wild Rose" (McLewell).  
"Rococo" (Pulgran).
- 8.59 p.m.—JACK O'HAGAN, baritone:  
"Don't Sing Aloha When I Go."  
"Rosa Lee."
- 8.57 p.m.—STUDIO ORCHESTRA:  
"Plaza del Popolo" (Fzedilzon).
- 8.7 p.m.—JAMES RILEY, tenor:  
"The Rose and the Dew" (Nicholls).  
"I Give You Love" (Kae).
- 8.15 p.m.—MYRTLE ROBERTSON, violin:  
"Sonata" (Mozart).
- 8.22 p.m.—STUDIO ORCHESTRA:  
"Chanson d'Amour" (Lowitz).
- 8.30 p.m.—MRS. M. CALLAWAY MAHOOD:  
"The Art of Decoration."
- 8.45 p.m.—"Herald" news service. Stock Exchange information.

## EVENING SESSION.

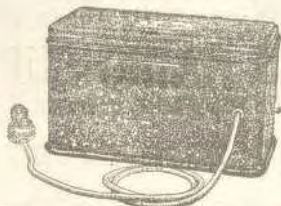
- 8.30 p.m.—Answers to Letters and Birthday Greetings by "BILLY HUNNY."
- 9 p.m.—THE HUXHAM SERENADERS will entertain the children.
- 8.16 p.m.—MR. ROD McGREGOR will give the Children a Sporting Talk.
- 8.35 p.m.—"Herald" news service: weather synopsis, shipping movements.
- 8.47 p.m.—Stock Exchange information.
- 8.52 p.m.—Fish Market reports by J. R. Borrad, Ltd. Rabbit prices.
- 8.55 p.m.—River reports.
- 8.58 p.m.—Market reports by the Victorian Producers' Co-operative Co., Ltd.—Jute, dairy produce, potatoes, onions, Newmarket Sheep sales.
- 7.6 p.m.—Market reports of Fruit by the Victorian Fruitgrowers' Association.

## NIGHT SESSION.

- 7.15 p.m.—Under the auspices of the Department of Agriculture, MR. F. RYAN, Inspector of Agriculture, will speak on—"Preparation for Maize Crop."
- 7.30 p.m.—STUDIO ORCHESTRA:  
"Unalubed Symphony" (Schubert).
- 7.40 p.m.—JAMES RILEY, tenor:  
"Who is Sylvia" (Schubert).  
"New Sleeps the Crimson Petal" (Quilter).
- 7.47 p.m.—MR. H. K. LOVE:  
"Technicalities."
- 7.57 p.m.—COLLINGWOOD CITIZENS' BAND:  
"True Comrades."  
"La Coquette."
- 8.7 p.m.—KENNETH IMPETT, baritone:  
"Hot Jolly Jackin," from "Ivanhoe" (Sullivan).  
"To Mary" (Maude Valerie White).
- 8.14 p.m.—STUDIO ORCHESTRA:  
"King Henry VIII. Dances" (German).
- 8.24 p.m.—JACK O'HAGAN, baritone:  
"In a Little Spanish Town" (by request).  
"Nay, Nay, Neighbor."
- 8.31 p.m.—COLLINGWOOD CITIZENS' BAND:  
Waltz, "September."  
Fox Tink, "Black Bottom."
- 8.41 p.m.—MR. C. J. WILLIAMS will speak on tomorrow's Stadium event.
- 8.51 p.m.—MOLLY MACKAY, soprano:  
"A Thrush's Love Song" (Alison White).  
"Music When Soft Voices Die" (Dowley).
- 8.58 p.m.—STUDIO ORCHESTRA:  
"Arabian Fantasia" (Nesgaire).  
"Spanish Dance" (Mowrey).

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Phillips "A" .....	£5/5/-
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Single Circuit .....	1/6, 1/6, 2/-, 2/6
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Open till 9 p.m. Fridays.

9.5 p.m.—KENNETH IMPETT, baritone:  
"King Charles" (Maude Valerie White).  
"To Mary" (Maude Valerie White).

9.12 p.m.—COLLINGWOOD CITIZENS' BAND:

March, "Riverside."  
"Prisoner's Release."

9.19 p.m.—MR. H. E. WEBB will give a description of the Ten-Mile Championship Walk to be held on Saturday, 30th inst.

9.29 p.m.—STUDIO ORCHESTRA:  
"Rose Marie" selection (First).

9.39 p.m.—JAMES RILEY, tenor:  
"Why Shouldn't I" (Bennett).  
"Hawaiian Love Song" (Bennett)

9.48 p.m.—TARMA TIERNAN, (soprano):  
"Spring Song" (Mendelssohn).

9.53 p.m.—"CARRIGAN," Mr. H. A. Wolfe, Sporting Editor of the "Argus" and "The Australasian," will speak on Saturday's races.

10.5 p.m.—COLLINGWOOD CITIZENS' BAND:  
March, "The Pied Piper" (Alford).

10.10 p.m.—Meteorological information: road notes.

10.20 p.m.—STUDIO ORCHESTRA:  
"Spanish Dance" (Rehfeld).

10.28 p.m.—MOLLY MAURAY, soprano:  
"Lullaby" (Brakms).  
"The Ash Grove" (Walsh).

10.37 p.m.—"Argus" news service. British official wireless news; announcements. THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for Today is—

EVERYBODY—"Are you doing all you can every day to prevent accidents? Be safe or you will be sorry!"

10.49 p.m.—COLLINGWOOD CITIZENS' BAND:  
"The Heavens are Telling."

11 p.m.—OUR GREAT THOUGHT:  
"A man who gives his children habits of industry provides for them better than he giving them a fortune."

11.1 p.m.—JOE ARNOLD AND HIS SYN-COPATING SYMPHONISTS.

11.48 p.m.—GOD SAVE THE KING.

## Saturday Sept. 3 2FC, SYDNEY.

Saturday.

### EARLY MORNING SESSION.

7 a.m. to 2 a.m.

### 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 EFT Racing Commissioner.  
10.45 a.m.—Studio music.  
11 a.m.—"Big Ben." Studio music.  
11.5 a.m.—A.P.A. and Posters' Cable Service.  
11.10 a.m.—Studio music.  
11.15 a.m.—A Talk on Gardening, by Mr. G. J. Lockley ("Redrum").  
11.30 a.m.—Close down.

## MIDDAY AND AFTERNOON SESSIONS.

- 12 noon.—"Big Ben" and announcements.  
 12.2 p.m.—Stock Exchange, first call.  
 12.4 p.m.—Studio music.  
 12.50 p.m.—"Sydney Morning Herald" news service. Rugby wireless news.  
 12.55 p.m.—Studio music.

NOTE.—Results of the Warwick Farm Race Meeting will be given throughout the afternoon.

- 1 p.m.—"Big Ben." Weather intelligence.  
 1.5 p.m.—"Evening News" midday news service.  
 1.30 p.m.—Studio music.  
 During the afternoon the following items will be given.  
 The WICHELLO INSTRUMENTAL TRIO in popular numbers.

Solos and Choruses by Wal Buckley.  
 The WENTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of Mr. Cyril Kaye.

- 4.50 p.m.—Complete resume of the day's sporting events.  
 5 p.m.—"Big Ben." Close down.

## EARLY EVENING SESSION.

- 6.40 p.m.—The Chimes of 2FC.  
 6.45 p.m.—"Hello Man" Talks to the Children.  
 6.50 p.m.—Story time for the young folk.  
 6.40 p.m.—Dinner music.  
 7 p.m.—"Big Ben." Late sporting news.  
 7.15 p.m.—Weather intelligence.  
 7.15 p.m.—"Evening News" late news service.

## NIGHT SESSION.

- 7.40 p.m.—Programme announcements and Studio music.  
 7.52 p.m.—Sophie Lashmoor, instrumentalist:  
 (a) Mandolin solo, "La Fiesta" (France).  
 (b) Steel guitar solo, "Kilima Waits" (Awai).  
 8 p.m.—"Big Ben." Cliff Arnold, novelty pianist.  
 8.10 p.m.—Items from the vocal recital, by Miss Peggy Dunbar, contralto, assisted by Wilfred Thomas, basso, and Miss Enid Hyson, pianist (from the King's Hall, Sydney).  
 8.35 p.m.—Rus Garling and his "Sparklers" introduce themselves and sing their opening chorus (from the Studio).  
 8.45 p.m.—Sophie Lashmoor, banjo solo!  
 "Savvy Americas Medley" (Debroy).  
 8.44 p.m.—Charles Lawrence will start some fun. "How to write a musical monologue" (Herbert).  
 8.45 p.m.—Florence Yates, contralto.  
 8.53 p.m.—May be you would like a dance!  
 9 p.m.—"Big Ben." Late weather forecast. Maida Jones, soprano.  
 9.5 p.m.—Cliff Arnold, novelty pianist.  
 9.10 p.m.—A comedy sketch, "Robert, the Fireman," by Miss Maida Jones and Rus Garling.  
 9.18 p.m.—Ernest Archer, tenor:  
 "Home With Meant, Home" (Alfred Hill).  
 9.22 p.m.—Brenton Club, entertainer:  
 "Jules on the phone" (West).  
 9.25 p.m.—Sophie Lashmoor, instrumentalist:  
 Banjo solo, "My Dixie Home" (Klickmann).  
 9.30 p.m.—Florence Yates, contralto.  
 9.35 p.m.—Charles Lawrence, in cheerful chatter:  
 "The Gardener's Story" (Townsend).  
 9.40 p.m.—Maida Jones, soprano.

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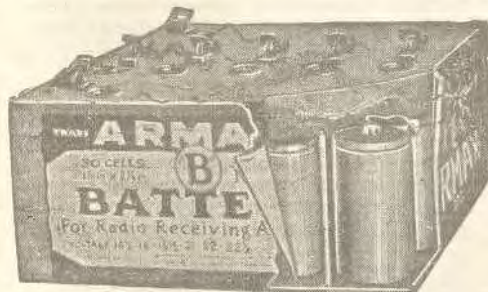


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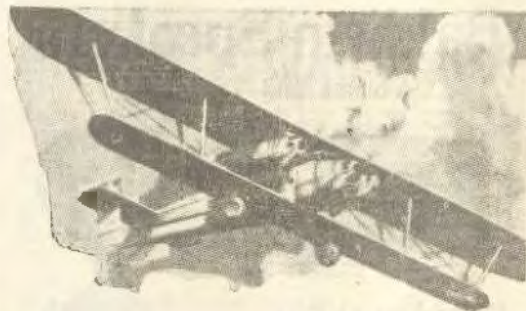
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Adelaide Sts., Brisbane.

- 8.48 p.m.—"Shall we dance? Let's!"  
9.15 p.m.—Ernest Archer, tenor:  
"Come sing to me" (Thompson).  
9.32 p.m.—"Jerry" with a little help from  
Ivo Gullberg.  
9.51 p.m.—Hessing Gibb, contraltino:  
"The Great Mystery" (Lawson).  
10 p.m.—"Big Ben." A few chorus girls  
and the "Sparklers" say "Good-night."  
10.2 p.m.—Florence Yates, contralto.  
10.12 p.m.—The Westworth Symphonic Dance  
Orchestra, under the baton of Cyril Kaye.  
10.26 p.m.—Ernest Archer, tenor:  
(a) "Madrasta" (Tosti).  
(b) "My Mignonette" (Brag).  
10.28 p.m.—The Westworth Symphonic Dance  
Orchestra, under the baton of Cyril Kaye.  
10.37 p.m.—Late news and announcements.  
11 p.m.—"By Jee." The Westworth  
Symphonic Dance Orchestra until 11.45 p.m.  
Note.—During the intervals of the West-  
worth, Len Houston, the popular baritone,  
will be heard from the Studio.  
11.45 p.m.—National Anthem.  
Close down.

## 3LO, MELBOURNE

Saturday.

### MORNING SESSION.

- 11 a.m.—STUDIO ORCHESTRA:  
"Adventure," "Fuel and Passant" (Suppel).  
11.10 a.m.—HARRY CASH, comedian:  
"If I Can't Sing about My Mamma."  
11.17 a.m.—STUDIO ORCHESTRA:  
"Gala Dance from the Bottoms" (Dett).  
11.27 a.m.—MOLLY MACRAY, soprano:  
"Nymphs of Sylvania" (Benzberg).  
"The Hot Dail."  
11.34 a.m.—BERYLA JOHNSON, violin:  
"Cradle Song" (Toscanini).  
11.40 a.m.—KENNETH IMPPET, baritone:  
"Five Eyes" (Armstrong Gibbs).  
"Impatience" (Schubert).  
11.47 a.m.—STUDIO ORCHESTRA:  
"Après de Bourgne" (Rouss).  
12 noon.—Time signal. Metal prices received  
by The Australian Mines and Metals Asso-  
ciation from the London Stock Exchange  
this day. British official wireless news  
from Rugby. "Buster" and The Australian  
Press Association cables. "Argus" news  
service.  
12.30 p.m.—STUDIO ORCHESTRA:  
Ballad Music: "Rosamunde" (Schubert).  
12.38 p.m.—MOLLY MACRAY, soprano:  
"The Wren" (Boucicault).  
"Song My Mother Taught Me" (Dvorak).  
12.45 p.m.—Stock Exchange information.  
12.48 p.m.—HARRY CASH, comedian:  
"One Year Old."  
12.50 p.m.—STUDIO ORCHESTRA:  
"Cyrano de Bergerac," Part II (Revue).  
1 p.m.—JAMES RILEY, tenor:  
"The Stars Have Eyes" (Sanderson).  
"Love's Garden of Rome" (Haydn Wood).  
1.17 p.m.—Meteorological information. Weather  
forecast for Victoria, Tasmania, South Aus-  
tralia, and New South Wales. Ocean fore-  
casts. River reports. Rainfall for Vic-  
toria, Tasmania, South Australia, and New  
South Wales.  
1.18 p.m.—STUDIO ORCHESTRA:  
"Auldry" (Orff) Suite (Tausig).  
1.22 p.m.—KENNETH IMPPET, baritone:  
"When Spring Comes to the Islands" (Her-  
man Lohr).  
"Over the Mountains" (Quilter).

- 1.30 p.m.—Description of Kiowa Hurdie, 2 miles 66 yards, V.A.T.C., Caulfield, by "Muskat," of the "Sporting Globe."
- 1.35 p.m.—Description of Baseball Match, CARLTON v. RICHMOND, described by Mr. PERCY STEEL, from CARLTON.
- 1.45 p.m.—STUDIO ORCHESTRA:  
"Ballet Suite from Rosamunde" (Schubert).
- 1.50 p.m.—JACK O'HAGAN, baritone:  
"Consolation."  
"There's a Trick in Pickin' a Chick-Chick-Chicken."
- 2 p.m.—Description of Baseball Match, CARLTON v. RICHMOND, described by MR. PERCY STEEL, from CARLTON.
- 2.10 p.m.—Description of Donora Trial, 7 furlongs, V.A.T.C. races, Caulfield, by "Muskat," of the "Sporting Globe."
- 2.15 p.m.—Close down.
- 2.40 p.m.—Description of LEAGUE FOOTBALL, CARLTON v. RICHMOND, at Carlton, by MR. ROD MCGREGOR.
- 2.50 p.m.—Close down.

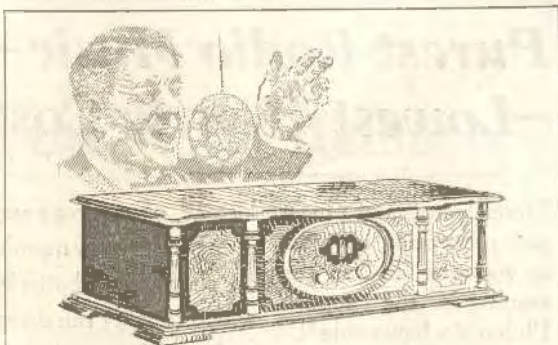
## AFTERNOON SESSION.

- 3 p.m.—Description of Memie Stakes, one mile one furlong, V.A.T.C. races at CAULFIELD, by "Muskat," of the "Sporting Globe."
- 3.5 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS:  
"Sam, the Old Accordion Man" (Donatoni).  
"The More We are Together" (Campbell).
- 3.10 p.m.—Description of LEAGUE FOOTBALL, CARLTON v. RICHMOND, at Carlton, by Mr. Rod McGregor. Quarter time.
- 3.20 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS.
- 3.40 p.m.—Description of Sandringham Steeplechase, two miles, V.A.T.C. RACES, at CAULFIELD, by "Muskat," of the "Sporting Globe."
- 3.45 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS.
- 4 p.m.—Description of LEAGUE FOOTBALL, CARLTON v. RICHMOND, at CARLTON, by MR. ROD MCGREGOR. Half time.
- 4.10 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS.
- 4.15 p.m.—Description of Hesthertie Handicap, nine furlongs, V.A.T.C. RACES, at CAULFIELD, by "Muskat," of the "Sporting Globe."
- 4.20 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS.
- 4.40 p.m.—Description of LEAGUE FOOTBALL, CARLTON v. RICHMOND, at CARLTON, by MR. ROD MCGREGOR. Three-quarter time.
- 4.45 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS.
- 4.50 p.m.—Description of Warriston Welter, one mile, V.A.T.C., CAULFIELD, by "Muskat," of the "Sporting Globe."
- 4.55 p.m.—Herald news service. Stock Exchange information.

## TRANSFORMERS

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This is a highly efficient "shielded" set, so perfect in its operation, that, if working from a properly situated interior aerial, all local stations can be eliminated, and interstate or New Zealand programmes "tuned-in" with ease.

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8 p.m.—Description of LEAGUE FOOTBALL, CARLTON v. RICHMOND, at CARLTON, by MR. ROD McGRIGOR. Final scores.

#### EVENING SESSION.

- 5.30 p.m.—Sporting results.  
5.40 p.m.—Answers to letters and birthdays, greetings by "LITTLE MISS KOOKA-BURRA."  
6.10 p.m.—ELSIE BRADSHAW will call for the children.  
6.17 p.m.—MR. CHARLES NUTTALL: "Children of Other Lands."  
6.25 p.m.—Herald news service. Weather reports. Shipping movements.  
6.42 p.m.—Stock Exchange information.  
6.47 p.m.—Fish market reports, by J. R. Borrett, Ltd. Rabbit prices.  
6.50 p.m.—River reports.  
6.53 p.m.—Newmarket sheep sales, by Associated Stock and Station Agents, Bourke Street, Melbourne. Market reports, by the Victorian Producers' Co-operative Company, Ltd. Poultry, grain, hay, straw, furs, dairy produce, potatoes and onions.  
7.10 p.m.—Market reports of fruit, by Victorian Fruitgrowers' Association.

#### NIGHT SESSION.

- 7.15 p.m.—MR. C. ELLIS will speak on "Panicles and Parapets."  
7.30 p.m.—MR. F. CHAPMAN will speak on "In a Bluestone Quarry."  
7.45 p.m.—MR. E. C. RAWSON: "Esperanto."  
8 p.m.—MALVERN TRAMWAYS BAND: Selection, "Rigoletto" (Verdi).  
8.12 p.m.—HARRY CASH, comedian: "If You Hadn't Gone Away."  
8.17 p.m.—MALVERN TRAMWAYS BAND: Waltz, "Over the Waves" (Rosa).  
8.25 p.m.—MELBOURNE CHORAL UNION, Conductor, Wm. G. James: Part Song, "Out of the Silence" (Jenkins). (Unaccompanied.) Solo and Chorus, "Liberty" (Eaton Fanning). (Soloist, Mdlle. Saffo Arnav.)  
8.35 p.m.—MALVERN TRAMWAYS BAND: Serenade, "O, Sole Mio" (Allicci). Two Step, "The Boston Tea-party" (Pryor).  
8.40 p.m.—HARRY CASH: "Yodelling Interlude."  
8.47 p.m.—MALVERN TRAMWAYS BAND: March, "Punchinello" (Kimmer). Waltz, "In a Little Spanish Town."  
Novelty, "The Ragtime Bass-player" (Pryor).  
8.57 p.m.—ONE ACT PLAY: "Fortune's Favorite." Played by Rita Maloney and Cyril Dehnan.  
9.17 p.m.—MALVERN TRAMWAYS BAND: Selection, "Pirates of Penzance."  
9.37 p.m.—JACK O'HAGAN, baritone: "Consolation." "There's a Trick in Pickin' a Chick-Chick-Charlem."  
9.44 p.m.—Description of a tour through the English Lake District.  
10.4 p.m.—MALVERN TRAMWAYS BAND: Waltz, "The Danube" (Strauss). "Le Vif" (Massenet).  
10.15 p.m.—RICHARD'S SEEMANERS: In a Piece of Fun and Frolic: "THE MIDNIGHT CABARET."

10.45 p.m.—Late sporting results.

The ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TO-DAY IS for

PEDESTRIANS: "It is dangerous to change horses in the middle of the stream. More dangerous to change you mind in the middle of the street."

11 p.m.—OUR GR/T THOUGHT:

"It is shameful for a man to live as a stranger in his own country, and to be misinformed of her affairs and interests."—Manilla.

11.1 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS.

11.40 p.m.—GOD SAVE THE KING.

#### RADIO MANILA.

KZRM 736.1 kc.—413 Metres.  
Radio Corporation of the Philippines.  
Manila Standard Time—120 East.

#### WEEKLY SCHEDULE.

##### MONDAY.

4 p.m. to 4 p.m.—Billid Band Radio Concert.  
4 p.m. to 5.30 p.m.—Studio programme.  
Monday Night—"Silent Night."

##### TUESDAY.

4 p.m. to 5.30 p.m.—Studio programme.  
5 p.m. to 9 p.m.—Dinner Music, News in English-Spanish; Market Reports, etc. between selections.  
9 p.m. to 9.30 p.m.—Studio programme.  
9.30 p.m. to 11 p.m.—Dance music.

##### WEDNESDAY.

4 p.m. to 5.30 p.m.—Studio programme.  
5 p.m. to 7 p.m.—Constabulary Band from Luneta.  
8 p.m. to 8.30 p.m.—News in English-Spanish; Market reports, etc. between selections.  
8.30 p.m. to 10 p.m.—Studio programme.

##### THURSDAY.

4 p.m. to 5.30 p.m.—Studio programme.  
5 p.m. to 8.45 p.m.—Dinner music.  
8.45 p.m. to 9 p.m.—News in English-Spanish; Market reports, etc. between selections.  
9 p.m. to 10 p.m.—Studio programme.

##### FRIDAY.

4 p.m. to 5.30 p.m.—Studio programme.  
5 p.m. to 7 p.m.—Phil. Constabulary Band from Luneta.  
8 p.m. to 9 p.m.—Dinner music; News in Spanish-English; Market reports, etc. between selections.  
9 p.m. to 9.30 p.m.—Studio programme.  
9.30 p.m. to 11 p.m.—Dance music.

##### SATURDAY.

4 p.m. to 5.30 p.m.—Studio programme.  
5 p.m. to 7 p.m.—Constabulary Band from Luneta.  
8 p.m. to 8 p.m.—Dinner music; News in Spanish-English; Market reports, etc. between selections.  
8 p.m. to 10 p.m.—Studio programme.  
10 p.m. to 11 p.m.—Stadium Prize-fights.

##### SUNDAY.

10.30 a.m.—Church Services.  
6 p.m. to 7 p.m.—Constabulary Band from Luneta.  
8.30 p.m. to 10 p.m.—Studio programme (Radiofon Hour).

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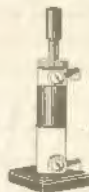
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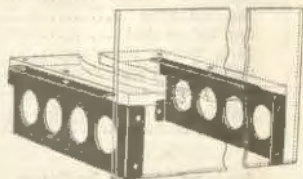
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## WRESTLING.

**S**OONER or later fancy has come faced with the problem whether to grigs with fact, and so BLO is wrestling, as a fine art suitable for broadcasting, is all that Norman McCance's fancy paints it.

In the plebiscite which was conducted by one of Melbourne's daily newspapers, it was a fact that wrestling, like Rabbi Ben Ahmed, lead all the rest, but some people deny that it is for the same reason. "How can one love his fellow-men," they ask, "and yet enjoy wrestling?"

So one ventures to think that this is a largely personal matter, to be decided by each according to his own ability. Mr. McCance has placed it on record several times during his broadcasting talks, that Ted Thye is in the pink of perfection, not only in manliness but also in manners. Billy Meeke, too, walks down the street with his very charming wife, as if wrestling were no more to them than soldiering, or golf, or any other strenuous occupation for that matter.

It is also true that our first Australian poet has left it on record that,

"No game ever yet was worth a rap,

Whatever the good folks say,

Into which no accident, no mishap,

Could possibly find its way!"

While even before him we have it on the authority of the apostle himself that Paul wrestled with wild beasts at Ephesus, while time falls us to mention Samson, Hercules, and other heroes of still hoarier antiquity.

Nevertheless, there are, of course, limits to the rectitude of popular applause. It is better to be a wrestler than to watch one.

This business of swelling the gate receipts as a mere looker-on or listener-in can be greatly overdone. It is perfectly proper for flabby folk who would not even jump on a tram for fear of hurting his feelings; to protest, but, of course, very mildly, against the brutal descriptions of professional wrestling with which BLO regales the unregenerate. And it would be even more perfectly proper, though also perfectly improbable, for equally flabby larrikins who would jump on each other without regard for anyone's feelings, also to protest vigorously against all rules of good taste, good language, and good sportsmanship that rigorously regulate BLO's broadcast descriptions of a wrestling match.

Neither of these extremes is likely to get any good out of listening-in,



and as they would unanimously say themselves, it is a shame to take their money.

But this Melbourne broadcast station proceeds along another line of action. It regards its 110,000 Victorian listeners as mainly good sports who regard wrestling according to rule as a fit subject for an evening's diversion once a week, and who would as lief be on the mat themselves as merely listening, and are only debarred there from sheer physical disability or some other legitimate excuse.

There are thousands of dear old ladies, and gentlemen, too; kind-hearted girls who would not harm a cat; decent lads who agree with Wordsworth in his abhorrence of the end who needlessly sets foot upon a worm, yet all of these listen-in with undisguised gusto to Norman McCance's colorful account of a good wrestle, and regret with him whenever a foul or breach of courtesy and good-temper mars the strenuous but honorable game.

There is a certain artificial pose, about some folk that regard wrestling as not for persons of refinement, as if it were a species of bull-fighting or bear-baiting, but these well-meaning folk forget the tournament of the days of chivalry, which were watched by scores of ladies whose bright eyes rained influence and judged the prize.

No, Sir or Madam! Descriptions of wrestling are not brutalizing.

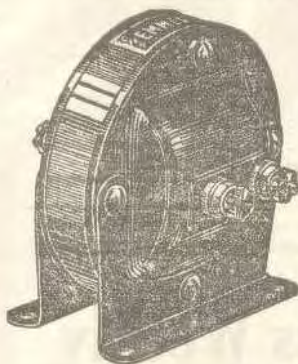
Properly done, they carry refinement in their train. One hundred thousand listeners are not going to be debauched in that easy fashion. On the contrary their influence will be to elevate the sport far more emphatically than the crude comments of the onlooking multitude present.

Norman McCance in his very vivid way gives us a lasting picture of the referee, Mr. Bridges, hanging upside down in the ropes, while the red tight-clad legs of Meeske warp themselves round the heaving shoulders of Thy.

But let us complete the picture. Outside the ropes, outside the stadium they are compassed about with such a cloud of witnesses as never before took part even in the games of ancient Rome, and it should go hard with all of us if we do not better the example. "Tommy," said his careful mother, "how often have I told you not to go to that vulgar boy Willie's place. He won't do you any good." But Tommy had the makings of a gentleman in him, and he replied: "Perhaps not, mother, but I might do him some if you'd let him come to mine."

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