

# WIRELESS WEEKLY

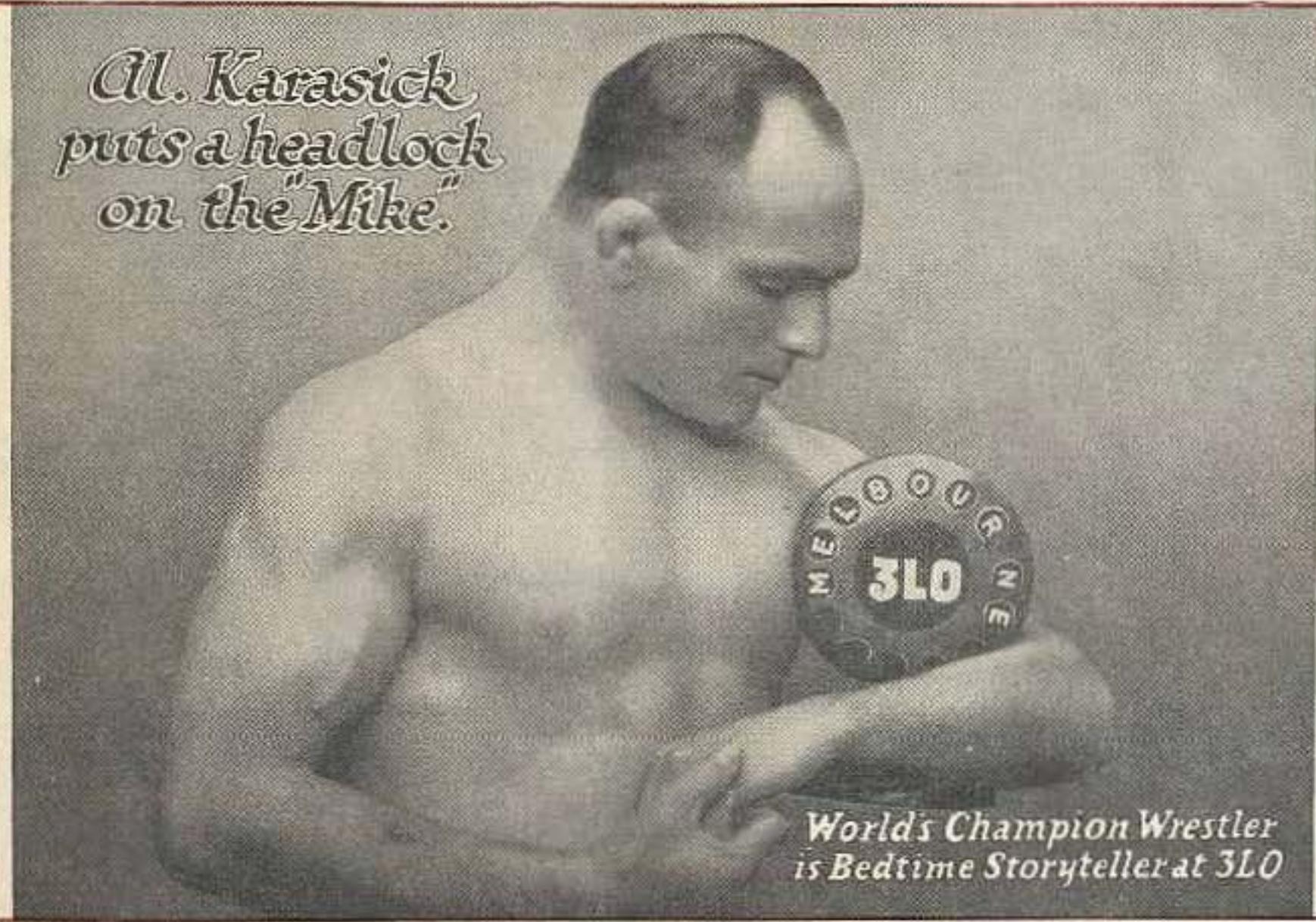
Broadcast Programmes a Week in advance

VOLUME 10

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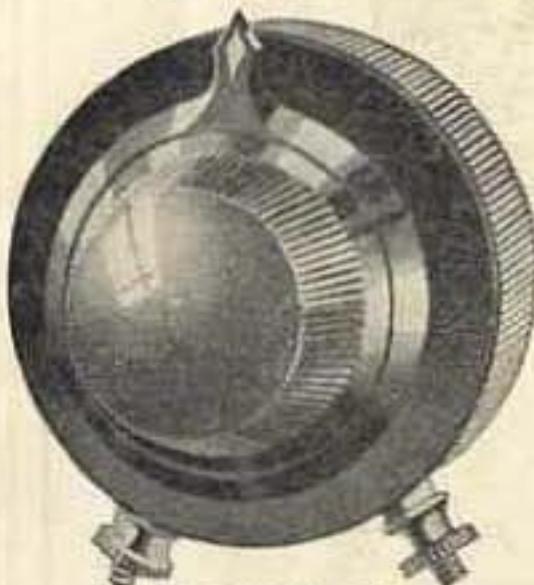
*Al. Karasick  
puts a headlock  
on the "Mike."*



*World's Champion Wrestler  
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Friday, August 5, 1927.

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910—10-ohm  
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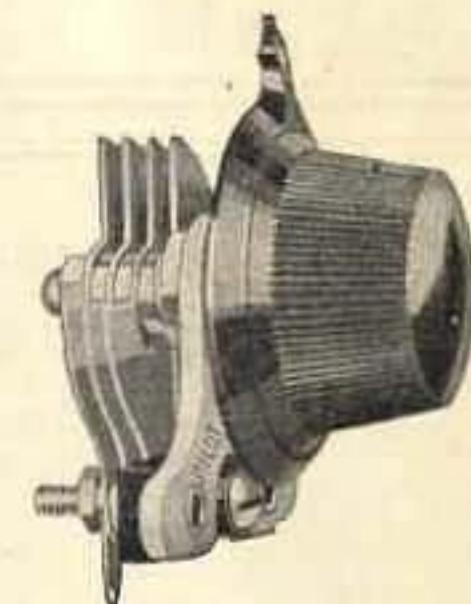
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# WIRELESS WEEKLY

VOL. 10, No. 15.

FRIDAY, 5th AUGUST, 1927.

## *What is the Ideal Receiver?*

**T**HIS well-worn question is still being asked. And it will be asked for a long time to come, just as purchasers of gramophones query their friends as to the best gramophone to obtain.

The answer to the question frequently puzzles wireless traders and set owners; and the hesitancy in readily answering the question often creates the impression in the mind of the questioner that his trader or wireless friend does not know much about it after all. As a matter of fact it is the very possession of knowledge of the subject that causes the friend to pause before replying. To answer the question outright is a great mistake.

There are many factors to be taken into account before the question can be answered adequately. The matter of finance—how much is the questioner willing to pay; the location of the proposed set; the desires of the would-be listener—whether he will be satisfied with his local station or whether he wants to play radio golf and play round all the stations—these and other points have to be ascertained and kept in mind.

Broadly, we can divide the listeners into two main groups: (1) those in the metropolitan district and (2) those in country districts. The factor of selectivity is not a serious matter for the listener out in "the bush" when compared to a listener five or ten miles from the city. We can safely assume that both express a desire to listen to interstate stations.

The metropolitan listener has one big advantage not possessed by his country cousin—that is the availability of electric power supply. The country listener finds great difficulty in getting his "A" batteries charged, and consequently is forced to operate a set which depends on dry batteries for its current supply. That means, in the average case, increased cost of maintenance.

The city listener possesses a second

advantage in the greater volume he receives from the station. That enables him to get his programme—from his local station—through the static. The volume is greater than the static. His set, however, must be more carefully constructed and operated so that he can get the distant stations without interference from the strong signals of the local station.

Where a reliable source of electric supply is available, and assuming the listener is prepared to pay for efficiency and convenience, the ideal set is the one which dispenses with the necessity for an aerial and the troublesome batteries. When we refer to "no aerial," it is to be understood, of course, that there will be no external aerial. The set cabinet may have a self-contained aerial or a small frame attached to it.

A set of that description will generally be a super-heterodyne, or a multi-valve—from six to eight valves. The absence of an external aerial is a great convenience and is a decided advantage in freeing the listener from interference produced either by static or by other stations. Such a set, of course, is an expensive one, costing from £50 to £100.

The absence of the batteries would be appreciated by all of us. The supply of really efficient "Battery-eliminators" is now a regular thing in up-to-date shops. It is very convenient to plug into the house lighting supply—at the power point—and run the set regularly without having to test or renew "B" batteries, or have the "A" batteries re-charged. These equipments, too, are expensive items.

Limiting the controls to one or two knobs is highly desirable; and many good sets now have this advantage. The loud speaker should be carefully selected to fit in with the set—not only electrically but from a furniture point of view. Lastly, the important point in an ideal receiver is faithful reproduction—sufficient volume and faithful clarity.

# Catching Up with the Wireless World.

By R. E. CORDER.



WHILE SYDNEY SHIVERED on Sunday, July 24, because of the bitterly cold weather, Schenectady residents sweltered and perspired through the extreme heat, and while the sun was rising in Schenectady, darkness had already set in in Sydney.

**HOW DID WE FIND THIS OUT?** Ask station 2FC, they picked up Station WGY on Sunday, July 24, and heard a musical programme broadcast beside a short talk with the manager of WGY, Mr. Rice. All this occupied from eight minutes past seven until a few minutes after half past eight.

Looks like another triumph for radio.

A SPIRITUALISTIC DEMONSTRATION broadcast from 2FC recently by Win and Windle contained many thrills and much humor. Through the "medium" (Windle) listeners were warned that on the stroke of nine, some supernatural manifestation might take place—possibly the light in their homes would go out.

**A GOOD FWL LISTENERS** have complimented Mr. George Saunders, announcer for 2BL, on his way of saying good-night. But our housemaid and her sheik hold the record, easily.

SURE ENOUGH as the clock struck the last stroke of the hour a solemn voice was heard to say: "I am here; I am quite happy." Moreover, at that precise moment the lights in several suburbs went out and then on again.

**WHETHER THIS WAS DUE** to spiritualistic intervention or to a waggish sense of humor on the part of the workers at the powerhouses, many of whom are regular listeners, is an open question. Much interesting "spirit" phenomena was heard over the air, all in humorous vein, and the end of the tups came when the "medium," speaking in slow and solemn tones declared: "Mother, when you bake that cake, to know if it is ready, put a knife into it. If the knife comes out clean, put in all the other knives."

AN ORGANIZATION known as the Brazilian Press received the authority of the Brazilian Government to maintain a wireless station for the receipt and distribution of news messages.

MOUNTAINEERING HUTS in the Bacarian Alps have been provided with wireless for meteorological and rescue purposes.

THAT WIRELESS WAVES disturb the direction faculties of naval carrier pigeons is the assumption of "L'Antenne," the French radio paper, and that also that is the reason why they are housed fairly distant from the wireless stations. The supposition that is cautiously advanced is that the pigeons are steered by brain waves similar to the radio oscillations. The French paper above suggests that this supposition deserves more profound investigation.

N.Z. HAS been putting on the ether a talk on "What is Life?" To most married men, of course, it is a matter of history.

AN AMERICAN NEWSPAPER says that 80 per cent. of the population in Great Britain is now within crystal range. The remaining 20 per cent. still remain satisfied.

A CHAIN OF FIVE new wireless stations, to cost approximately £11,875, is to be erected in Bolivia. We are informed by the Bolivian Legation that the chosen sites are at Sucre, Potosi, Tarija, Montevideo and Azurdo. The name of the new stations will surely be some tongue-twisters. Perhaps one night we will hear the announcer say "Station FQWXYZ speaking."

JACK DEMPSEY KNOCKED JACK SHARKEY cold in seven rounds in America last week for the right to meet Gene Tunney for the World's Heavyweight Championship. Station 2FC knocked cold a transmission record when they received the fight round by round as it progressed.

IT WAS A TRIUMPH OF WIRELESS. Friday, July 22, was the first occasion on which news of an event of such importance as the Dempsey-Sharkey fight has been received in Australia during the day time by radio direct from New York, which is approximately 9,000 miles away.

FOR THE PURPOSE OF trying to establish a world's record, Station 2FC arranged for the co-operation of its own engineers with those of Amalgamated Wireless (Australia), Ltd., in picking up the Radio Transmission to describe the fight from the ringside.

THE WHOLE EXPERIMENT was most successful, and as each round was described from the ringside at New York, it was picked up at the A.W.A. reception station at La Perouse and put through to 2FC Studio where the sporting editor repeated the details into the microphone. By co-operation with 2FC, the "Evening News" was able to publish the result at least half an hour before any other Sydney Newspaper.

# Both Parents and Children Write to Radio Uncles

*Naive requests of his listeners  
—Grandma Nephews.*

"UNCLE, can you give me a name for my poddy calf?" writes a small boy from Bullahdelah to the "Hello Man" (Mr. A. S. Cochrane) at broadcasting station 2FC, Sydney. "Those cruel dingoes killed one the other night. Dad put some poison in it; Rene and I went out next day and there he was having a great feed. We watched him for a long time and then he walked off, but we never found any with the bait."

The "Hello Man" named the calf "Bunty."

Here is another letter:

"Dear Uncle: I hope you are well. I had a rooster that chased me but he could not catch me. My brother Cecil stayed and he spurred him and made a mark on his leg. He was boss over the fowls and the little rooster, but one Sunday afternoon we saw the little rooster and the big rooster having a fight, and the little rooster killed the big rooster, and he did not chase us any more."

Hundreds of letters from child listeners all over New South Wales pour in to the men who run the bedtime story hour, letters telling all the joys and sorrows of the writers. Here is a bit from another:

"I must first thank you for sending a message to grandfather on his birthday. We all heard it and grandfather was very excited as he did not expect it. . . ."

"It is Daddy's birthday on Tuesday," says another child. "I would like you to send him a message—he always listens in and likes your answers to the letters very much. I want it to be a surprise."

A young woman of seven tells the "Hello Man" that she has been on a visit to the country. "Dad used to take me to see the men shearing. I learned how to shear and I shore my pet cat Satan."

"I want to know if you will have my Grandma and Grandpa in with your nieces and nephews—they both enjoy listening-in to you talking to the children." So a little girl at Glenorie writes.

And here is a line in a childish letter from Manilla, written just after the dry spell broke:—"We had half-an-inch of rain last Sunday."

Another boy writes: "My father has been near Hay and all the emus and kangaroos are coming into the Lachlan River. They are coming hundreds of miles into the river."

Now and then comes a touch of pathos: "I will soon be leaving school and then I will be able to earn my

## NEW ZEALAND STATIONS: (Uncorrected 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, 463 Metres.

living. It costs my mother and father a lot to keep me—I take as much keeping as my father." Thus a boy writes from a farm in the orchard country.

Here is another: "Daddy appreciated his call very much; he is not much better, but is still looking on the sunny side of life and smiles through it all. . . . He doesn't mind because he has his wireless."

The parents write to the Radio Uncles also: "Would you please call Ronnie on Friday; he will be four . . . and please tell him he is too young and small for a bike, but if he is a good boy when he grows up. . . ."

The school children at Llandilo send a joint letter: "Would you be good enough to call our school teacher, Mr. Osborne, and wish him many happy returns of the day from all his pupils. We love him very much. . . ."

Of course, each child has his own outlook on life. One shows it in these words: "Will you send my love to all the sick people. If they pray to God I am sure God will make them better. And the same to all the grandmothers and grandfathers. I am sure God will mind them if they love Him and go to Church."

Among owners of radio sets there is a general feeling that the influence of the bedtime story men is very beneficial to the children, and one infant of tender years in a long rambling letter expresses this sentiment thus: "Now my father wants me to let you know that without any flattery whatever, he says you are a good-living man, and so do I."

No doubt this cheers Mr. Cochrane immensely.

## Programme Continuity Pride of 3LO.

IF there is one thing more than another that 3LO, Melbourne, takes particular care to avoid, it is the occurrence of delays between items or announcements in the programmes. It is interesting to note in this respect that there recently appeared in an English journal some very pertinent statements showing that pauses between items at 2LO, London, during two hours of broadcasting aggregated 17½ minutes, or an average of about 50 seconds between items. This compares very favorably with the programmes at 3LO, Melbourne, upon which a careful and independent check was recently made unknown to the management and showed that the pauses between items and announcements of one week's programmes averaged only about five seconds. This is remarkable when it is considered that the usual emergencies had to be coped with, such as artists failing to appear on time and extra items having to be provided at a moment's notice, and also the unavoidable delays in changing large groups of performers before the microphone.

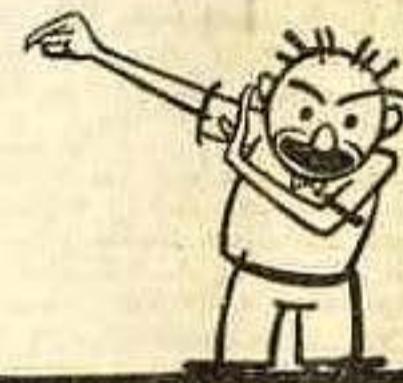
The programmes at 3LO are now so strictly to time table, and the time occupied by each item is so accurately calculated that annoying pauses between items are reduced to a minimum. The success of broadcast programmes depends very largely upon their swing on unbroken continuity, the attainment of which is one of the chief aims of 3LO.

AN Australian radio man, now travelling in America, writes to 2FC commenting on the very extensive use of broadcasting by the farmers of U.S.A. The latest census made by the Agricultural Department has revealed that since July, 1925, the number of radio sets used on farms has increased from 553,008 to 1,252,126—more than double. One farm in every four is now fitted with radio and this large increase is in the main due to the type of programme sent by the Department of Agriculture. The farming communities are showing a gradual though decided tendency to turn from entertainment to educational programmes.

SO FAR as Australia is concerned, farmers put their radio sets to similar uses. It is doubtful, however, whether many of them prefer "talks" to music. Evidence given before the Wireless Commission indicates that such is not the case, but the market and weather reports are certainly highly valued by listeners in the country.

# 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.*



## NOT ENOUGH RELIGION.

Dear Sir.—I read with great interest J. Blair's letter ("Wireless Weekly" 29/7/27), and have come to the conclusion that he is talking through his hat. His arguments relating to religion in my opinion are absolutely ridiculous.

From what I can gather from his letter he looks up Sunday's programme, finds the time of the organ recitals and monologues and tunes in just at the time when he knows the organ recitals and monologues are to be on the ether.

Until a month ago I was residing in the country, where both the organ recitals and church services were appreciated by both my own family and my neighbours. Every night through the week we had dance music and when Sunday came along it was regarded as a welcome change to have a religious service.

I, too, have travelled all over the country, not only in N.S.W., but in every other State as well, but I found that there are NOT a great body of people interested in dance music, etc., on the Sabbath. It is not that the broadcasting managers are afraid of offending the public, but they think that the public need a change from the usual fare.

After all, the broadcasting managers know what is best for its patrons, and I think if a ballot were taken, church services would come out on top.

Yours, etc.,  
N. VICKERS.

Randwick.

## SUPPORTS JACK BLAIR.

Dear Sir.—I read with interest Mr. Blair's letter ("Wireless Weekly," July 20) regarding religious services being broadcast.

It is a pity this gentleman did not air his view two years ago. I have been a broadcast listener for about three years now, and it has been my unfailing custom to close down until 8.30 p.m. on Sunday nights unless I listened into one of the B class stations.

I know personally many listeners who close down on Sunday night until the church services have been broadcast. There are, of course, many listeners who enjoy the church services, and for their benefit might it not be possible to follow out Mr. Blair's suggestion and have a radio minister. If this were not practicable an arrangement could easily be made for one station only to broadcast a religious service on one Sunday night and another station the following Sunday night.

In any case, even if nothing comes of this suggestion, are all clergymen chronic sufferers? On the few occasions I have despairingly tuned in, the tone of minister's voice has always made me think he must have one foot in the grave and the other on a banana peel. If some of these estimable gentlemen only heard some of the remarks passed regarding the manner in which they speak they would probably drop their silly affectation. We hear constant complaints about empty churches. The reason, quite apart from their manner of delivering their sermons, is not hard to find.

Yours, etc.,  
FED UP.

Wahroonga.

## BLURRING CAN BE AVOIDED.

Dear Sir.—I have recently read a number of letters in the "Wireless Weekly" relating to A. and B. stations fading and blurring. The fading cannot be avoided, we know, but the operation of sets has in my opinion a lot to do with blurring. I get all stations clearly by adjustment of coils and condensers and battery rheostats. The set is a three valve and these are the stations I tune in "Clearly" on an Amplion Dragon loud speaker. 2FC, 2BL, 2GB, 2UE, 2UW, 2KY, 3LO, 3AR, 4QG, 4GR, 5CL and 5KA, all these stations after sunset. During the day I am able to tune in 2FC, 2BL, 3LO and 4QG. I would like to say that, in my opinion 2FC gave a wonderful programme on Sunday

night, July 17th, which was greatly appreciated by all who heard it and we are, in this locality, looking forward to another programme of the same class in the near future. I refer to the Song Cycle.

My only complaint is, there are too many morse stations on the air at night and are very often a source of annoyance, particularly on 2FC and 3LO wavelength. Are these morse stations allowed on the air nightly?

2FC has a very talkative class in his room and I would suggest a staunch school cane instead of Sh—Sh—Shish as it was to-night.

Trusting I am not trespassing on your space.

Yours, etc.,  
N. L. NICOL.  
Murphy's Creek.

## 2FC AND 2BL PERFECT.

Dear Sir.—As reader of your paper each week, I have noticed many letters regarding good bad reception, especially of stations 2FC and 2BL. The trouble appears quite local, as many parts prove bad for reception or sets used unfitted for that particular district.

My experience is that 2FC and 2BL are splendid—2FC being absolutely good both day or night, seems to be a station much abused but much sought after for programme.

Position is 54 miles north of Sydney. I mention this, as many writers state 2FC good at long distance, but bad within say 100 miles. I have never known 2FC or 2BL to be anything but clear strong, both day or night. Transmission perfect any day, any week, 2GB also good. Stations 3LO, 4QG, 3AR, 5CL are very reliable during evenings, also 2YA, 7ZL, are generally good, depends on State condition.

My set is 3 Valve, using loud speaker. My complaint is too much to choose from in way of programme.

Yours, etc.,  
W. R. GANGE.  
Lisarow.

# Backyard Radio Dealers

By RADIO  
(3LO Correspondent)

THE expression, "backyard dealers," was frequently mentioned during the public hearings of the Royal Commission on Wireless. The references were invariably made by radio traders, and were deprecatory. To whom does the expression refer? Not to the small dealer in the suburbs or in the towns; it refers to the people who make up sets for sale to friends and others in their neighborhood.

Practically in every suburb and country town can be found the young man who is regarded as a man who can make a wireless set for you. And he is making and selling sets at prices below those asked by the traders. That is the main reason and very often the only reason why people buy the sets from the backyard dealer. He is called a backyard dealer because he has no factory or shop.

#### Objected to by Traders.

One can readily appreciate the trader's motives in objecting to their backyard competitors. All traders are in business, whether wireless or grocery, for the purpose of earning a legitimate profit. A perfectly reasonable thing to do. And in the wireless trade, as in any other trade, the prices of the commodities are regulated mainly by competition. There are certain well established principles in business determining the relationship between working expenses and revenue. The working expenses include one important item generally known as "overhead," which includes, among other things, the cost of maintaining shop premises. The backyard dealer has no overhead in that sense, and in other directions, and consequently is able to sell his sets at a lower figure than the legitimate trader.

#### Provides no Service.

It is in the interests of listeners generally to see that regular traders are not undermined. The maintenance of the regular shops is essential for the progress of broadcasting. Competition will take care of the question of profits made by the traders.

It is, therefore, of importance to enquire if the existence of the backyard dealer is objectionable. With some reservations it is undoubtedly undesirable to see that class of trade expanding.

One very important aspect of radio trading is that of service. In many industries and in all public utilities service is most necessary. In the sale of broadcasting receivers the traders should be required to do something

#### "AEREALITIES."

By "Whisker."

*Now, here's a speaker all must hear,  
(His tamest yarn's a thriller),*

*A parachuting engineer,  
Lieutenant Haukon Quiller.*

*He spoke before from 3LO,  
And soon will tell again,  
Of how it feels to fall below  
A moving aeroplane.*

*Upon a ship he likes to live,  
But what to him's a squall;  
The biggest wave would hardly give  
A thousand metre fall.*

*As he delights great heights to dare,  
And often ocean braves,  
They now have put him on the air,  
Among the wireless waves.*

*But as the air to him is where  
Much of his time is spent,  
Of course he is when on the air,  
Right in his element.*

more than sell a set to the customer. The trader should ensure that the set is giving the satisfaction to the listener that the trader guarantees and that the listener is able to obtain assistance, spare parts, etc., readily when he needs them.

Most of the traders, it must in all fairness be admitted, provide this service. In some cases, it involves very considerable expense. But its consequential effect on the broadcasting business generally is reflected in the number of satisfied listeners—and in the amount of business done by the thoughtful traders.

The backyarder does not provide this service; except perhaps in the case of a few friends, and, consequently, he does not justify his inclusion in the ranks of radio traders.

#### Some Backyarders not to Blame.

There is one type of backyard dealer who should not be so called, and who is practically in the field of radio trading unwillingly. A competent amateur makes a set up to his own selected circuit and gets very

good results. His friends who are unable to get 3LO with the same satisfaction, admire his receiver. Eventually, he is asked to make up one for his friend. He does so and charges the bare cost of materials and his friend gets a good set at a low price. Another friend wants a similar set. The mechanic has no choice but to make another, and so it goes on with the result that the mechanic at length decides that he must make some charge for his labor and finally allows himself, almost in self protection, to be regarded as a dealer.

Omitting this type, however, there is no doubt that the backyard dealer should not be encouraged if the interests of listeners generally are to be considered.

#### OLD FAVOURITES RETURN:

Listeners always welcome artists who have appeared previously with success. Marie Bremner, who has been playing the leading roll for a week in "Rose Marie," is one of the most popular vocalists in the programmes of 3LO Melbourne, and listeners need not be informed that she was a great success when she stepped from the role of understudy to principal. Frank and Frances Luiz, the Hawaiian entertainers, will also make a welcome re-appearance. Their delightful instrumental solos and duets, together with Frank Luiz's magnificent voice, resulted in many requests for their return.

#### NORTHERN ADVENTURES:

Few people have come to 3LO to broadcast a series of talks, that have a more interesting subject, and a greater fund of stories than the Rev. E. R. Gribble, Head of the Forrest River Mission (which he founded), and who is now at home on furlough, after many years of "spade work" literally bristling with hair-raising events and adventures. Mr. Gribble also has a series of moving pictures with which to illustrate these talks, as many suburban listeners will have the opportunity of seeing. These, obviously, cannot be shown to listeners, though doubtless the missionary's graphic descriptions and skilfully drawn word pictures will conjure up visions in the minds of everyone. One thing certain is by listening to these interesting lectures we will not only learn something about the vast Northern Territory, which, in some seasons of the year is literally a Land of Promise, flowing with Milk and Honey, but come to a better understanding of the work of our Missionaries.

# *It's All in the Air*

"THE MERRymakers" are at 2FC studio on 13th August. Listeners and our old friends will have the assistance of a new artist, Fred Gooch, new in broadcasting, but old in popular favor.

**SYDNEY MADRIGAL SOCIETY.** in addition to their choral programme from the Conservatorium, on August 10, have arranged for a two piano recital by Miss Bessie Coleman and Miss Dorothy Gibbes. There will also be vocal items by the new Scotch Baritone, Laurence Macaulay, and clarinet solos by Crosley Brown.

A PLEASING ANNOUNCEMENT is that of the re-engagement of Reginald Bradley as director of the 3LO studio orchestra, who has returned to Melbourne after an extended concert tour. Mr. Bradley is so well known as former musical director and violin soloist that his reappearance before the microphone will be hailed with delight by his many admirers.

**ALL NIGHT DANCE NIGHT:** The success of the All Night Dance Night arranged by 2FC on Tuesday, 26th July, was so overwhelming, a similar night has been programmed on 11th August, when Cyril Coy's orchestra will provide the music. The wind of public opinion is veering round from the West of "blue" music to the gentle South of unalloyed melody, and no better exponents of this attractive art can be found than the orchestra under Cyril Coy's able direction.

FEW ITEMS broadcasted from Studio 3LO will delight the ear of the true lover of the English language more than the balcony scene from "Romeo and Juliet," so simple and dignified, and yet presenting so many pitfalls to the average elocutionist. To many an experienced Shakespearean actress, this has proved somewhat of an acid test, and when it is considered that Miss Stephanie Deste—the "Wanda" of Rose Marie—who, comparatively a few short years ago, could not speak a word of English, has decided to include this in her repertoire, it goes to show what can be accomplished by hard work and intensive study. Few people who have heard her recite a Psalm, or other difficult passages from the Bible in her perfectly modulated, limpid voice, can fail to be impressed by the beauty of her enunciation, and, because of this, listeners will be looking forward with great interest to hearing her interpretation of such a traditional Shakespearean excerpt.



*Mr. Henk Vreeda, brilliant Clarinet player, who on Sunday, August 7, is providing 2FC listeners with an especially fine instrumental programme showing the Clarinet in all sorts of interesting combinations.*

*Mr. Vreeda has just lately returned from a visit to India, where he achieved considerable success.*

**RELAY OF "MADAME POMPADOUR."** On Monday, August 8, 3LO are relaying the whole of 2FC's programme, which will include excerpts from "Madame Pompadour." There will be a description of the action, followed by the overture and opening chorus at 8.0 p.m. Artists assisting in the Studio that evening include Edgar Warwick (now appearing in "The Ghost Train"), and Eileen Dawn in a specially written sketch. Jules Van der Klei, cellist; Alfred Cunningham, baritone; Ewart Chapple, pianist, and Win and Windles English entertainers. No. 8 Bush Competition will also be given. At the conclusion of the transmission from "Pompadour" at 10.20, there will be dance music by Montgomery Evans' Dance Orchestra.

## *Coming Features in the Broadcasting Programs*

GOOD LITERATURE plays a great part in the development of a nation, and if Australia is to make some distinctive contribution to the world of letters some encouragement must be given to local authors. In one of his recent talks on books Capt. Peters, of 3LO, Melbourne, made a special appeal for support for "Australian Authors' Week," which is to be held from September 12 to 19. He asked all librarians to take all the books by Australian authors from the shelves and display them prominently on tables with special mention.

**COUNTRY LISTENERS,** who have not so far had the opportunity of visiting the Zoo and Taronga Park, have recently been most interested to hear a series of animal talks, delivered by Mr. A. S. Le Souf, the well-known zoologist from 2FC, who will shortly again be heard from 2FC in a talk entitled, "Hunting with the Aborigines." In this manner of educational radio features, listeners can learn quite a lot of the habits of the various animals whose natural environments are in the dense jungles of other lands.

ARRANGEMENTS have been completed by 3LO for Lieutenant Qviller—the famous Norwegian parachutist—to undertake a series of the most sensational parachute jumps from an aeroplane ever attempted in the world. They will take place at the Essendon Aerodrome on 6th and 13th August. Lieutenant Qviller will attempt to establish a world's record parachute descent. A complete description of his thrilling jumps into space and his descent will be broadcast by 3LO.

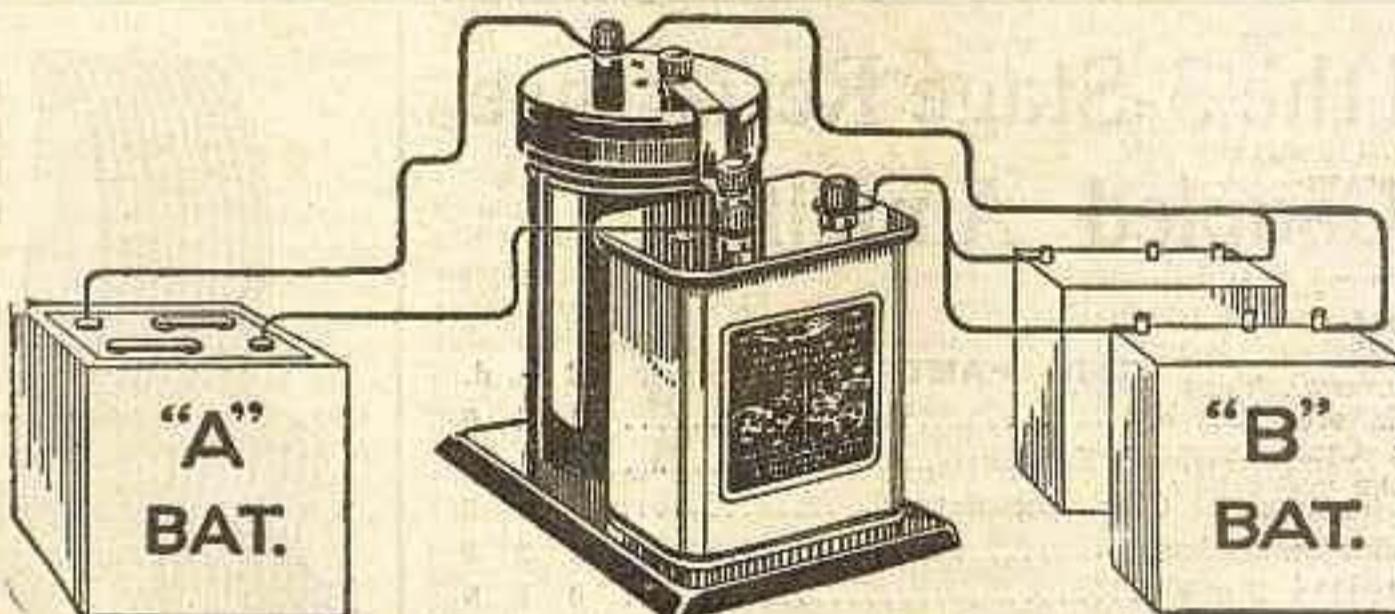
THROUGHOUT the ages, the lure of precious stones has kept us hold on the fancy of mankind. The peculiar fascination of gems seems to give each stone a distinct "personality." Mr. H. E. F. Lampe, an authority on gems, has been giving many enthralling stories of precious stones through 3LO, Melbourne, and listeners look forward to his gripping descriptions of the histories of many famous gems. Many people are familiar with such "household-word" gems as the Koh-i-noor and the Hope Diamond, but Mr. Lampe tells of many other famous stones with even more unique histories.

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Charges "A" and "B" Accumulator. TAB Re-chargeable Dry "B's"

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**£4/15/-**

You cannot afford to be without this TRICKLER. It is specially designed to operate from 240-volt A.C., fitted with cord and plug. Running costs practically nil, in fact only about twopence per week.

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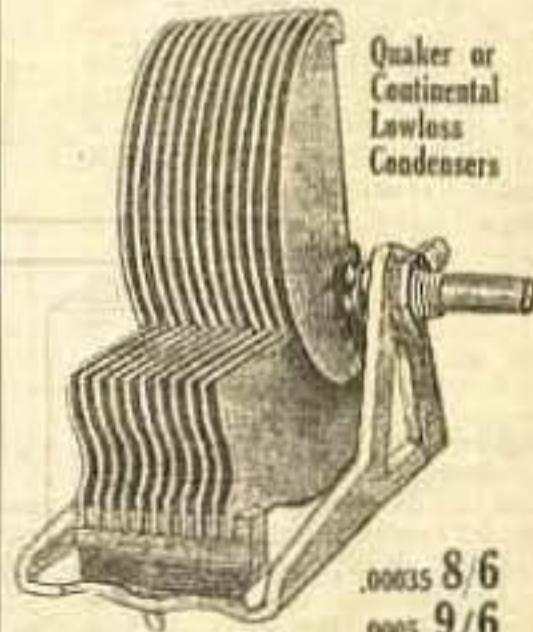
Examine it carefully and if you are not satisfied that you have received full value for your money, return same to us in good condition within 7 days, and we will refund.

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# Wattage Determines Resistance Value

There is a proper use for every resistance. In radio work, we have three classes of resistances, namely, leaks, medium duty resistances, and heavy duty resistors. All three classes may be either fixed or variable in value of resistance. Each has its place and that place is limited by its current carrying capacity.

A grid leak is generally a strip of paper impregnated with carbon. As a rule, it is not required to carry much current as the amount which leaks from the grid of a detector tube is negligible. The medium duty type finds its use as a plate resistor in series with the "B" supply to control oscillation in radio frequency stages. It is also used as a modulator across an audio transformer to control volume. The heavy duty type is generally used in "B" eliminator and power amplifier units.

The voltages and currents used in eliminators are of considerable value and require the use of resistors which will handle these amounts without burning out. The question now is, "How are we going to know when the resistance is big enough for the purpose?" Most resistors are rated as carrying so many watts. Watts being the product found by multiplying the voltage by the amperage. When speaking of the watts of a resistance, we mean the voltage drop through the resistance multiplied by the current flowing through it. There are several factors which enter into resistances which give them the ability to handle heavy currents or wattage, one being the size of wire used. Generally speaking, the larger the size, the greater the current carrying capacity. This size refers to its diameter only, and does not mean the wire size, as the higher the wire size, the finer the wire, and consequently, the higher the resistance per foot and the lower the current carrying capacity. Another factor is bulk. As heat is generated by current passing through a wire, there must be surface to dissipate it. In a commercial product there is a compromise between these two factors to produce a device which will carry current and be small in its physical size. Another thing, a resistance should do is to remain constant in value, even if the wire does generate considerable heat.

## Heavy Duty Resistance.

If we have reduced the voltage from 400 to 90 as would be the case when using a 210 power amplifier

By S. E. SPRAGUE

*When is a Resistance Correct? When is it too big and when is it too small? In this short article the author deals with the determination of the proper values,*

and also supplying the R. F. end, and 25 mils were flowing through the resistor, then the wattage would be 310 (400-90 or the drop through the resistance) multiplied by .025 amperes, which would be 7.75 watts. Considerable heat would be generated by such values and a heavy current type resistance such as the Kroblak should be used.

Many times a certain value of resistance is found to be necessary, and which is of a size not made commercially. This can be overcome by connecting in series several available sizes whose total is close to that of the one we want. This is due to the fact that resistances connected in series will have a total resistance equal to their sum. It should be borne in mind that both should be capable of carrying the necessary current flowing through them. For uses where not more than 1 watt is to be dissipated, the ordinary leaks or plate oscillation controls can be used. For values up to three watts ordinary heavy duty resistors can be used, while for all uses up to ten watts, extra heavy duty wire wound resistors should be used. This will serve as a rough guide to the proper type to use for a particular purpose, and will save much expense by avoiding the use of resistors not suited for a particular use.

## Everyman's Four

*In the next issue of "Wireless Weekly," the Technical Editor will give constructional details for a straight out four valve receiver, easily constructed, simple to operate, selective, and with good volume.*

## Broadcasting and the Stage.

DOES it pay to allow drama and vaudeville to be broadcast? This is a query that theatrical managers in Sydney and other parts of the world have been trying to fathom for years.

Some light is shed on the matter by a letter written to 2FC by Mr. E. J. T. Moore, well known in Sydney radio circles, now travelling in the United States. According to Mr. Moore, the weight of opinion seems to be in favor of broadcasting from the stage.

One particular play, he states, appeared to be a failure until as a last resort the management decided to have the play broadcast. The result was within a week the booking amounted to full capacity and has continued so ever since.

Mr. Tex Rickard, the eminent boxing promoter, has, until lately, states Mr. Moore, been loath to make extended use of broadcasting, fearing that the attendance would be affected, but the reverse has proved to be the case, for the broadcasting of his sporting events created more enthusiasm than any amount of advertising would have accomplished.

So convinced is Mr. Rickard that radio is an asset that he has arranged for all future events of importance to be broadcast by station WEAF and its associated chain of stations.

Coming back to Australia—events seem to have established that the broadcasting of a play early in its career at a theatre has the effect of increasing the attendances. It is not easy to calculate these things, but it is interesting to note that "Madame Pompadour," now being played in Sydney to full houses, was broadcast from the stage on the very first night.

\* \* \* \* \*

4th AUGUST, 1914: To synchronise with this memorable date, 2FC arranged a cleverly written recruiting sketch, under the able direction of the "old" soldier, Rus Garling, which brought back vividly all the comedy of those stirring days, without emphasising the inevitable tragedy. All the artists in the Studio that night were "dinkum Aussies." David Burt, one of the Two Vagabonds, who was interned in Germany during the war, had some tales to tell. Songs by Percy McKay, basso, and items by the Randwick Band, reminiscent of 1914/18, gave a realistic touch to the "All Soldier" programme.

# The New Call To The Fireside

By W. Pitt Ridge

## The Famous English Humorist

THE historians work on traditional lines, and they still prefer to record large and distinguished events. They are out for big game. They love a war, and do not conceal an affection for a change of government. Of these circumstances they write in magazines that are heavy in style, in weight, and in price, and occasionally their work is issued to a larger public, in Twenty-two Fortnightly Parts at One Shilling each. Number One now Ready. Send for Free Prospectus. Because of their pre-occupation with the magnificent, the smaller details in the history of a country are left to the unambitious who hint at these in novels, allude to them in short stories.

\* \* \* \* \*

The question, for example, of inducing Walter and Gerald—growing up lads of the family, free from school, and now engaged in the city—to arrive home at a good hour for the evening meal is one which has given a concern to parents that unrest in the Balkans, or, in later times, the League of Nations, has never been able to effect. The morning farewells go on precise and regular lines.

"Good-bye, Ma, Cheario, Dad."

"Good-bye, laddie. Take care of yourself." And, pleadingly, "Do try to get home sharp this evening." From the open front door, baits are thrown. A description of the menu. The possibility of friends looking in.

\* \* \* \* \*

As to the late hours, father says that boys will be boys; mother is unable to accept this as a comforting platitude. It is mother who stays awake at night listening for the footsteps, the turn of the latch-key, the careful ascent of the stairs. True, she often worries quite unnecessarily. Frequently there are no grounds for her alarm. But she knows a little, she guesses a lot, and there is no power on earth that can check her genuine anxiety.

\* \* \* \* \*

The inducements held out to encourage early return have varied according to the period. One can imagine a time when the magic lantern, with slides illustrating a tour through Palestine was counted an effective lure; I do not recommend its use in this our present year. I call to mind winters when if the ugly rumor came to parents that a son was giving in to the temptation of the billiard saloon, the news created intense commotion, until the happy thought occurred of turning out an upstairs room and fixing a small table there, with cues, chalk and marking board complete. The table repaid its cost with interest. Tournaments were played of an evening, and mother

became quite an expert in scoring, with unexpected ability in mental arithmetic when spot made a cannon off white and red, and itself went into the pocket. She learnt when spot put white down to ejaculate:

"Whitechapel!"

And when father nearly pulled off a difficult shot to remark sympathetically:

"Oh, hard cheese. Very hard cheese, indeed!"

\* \* \* \* \*

But billiards on a restricted area began to pall, and just as its quality as a magnet was lessening, ping-pong came in. Really, the English historians might well devote a whole chapter to ping-pong. There were at least two winters when nothing else was talked of in the middle-class house. We let arts and commerce, laws and learning die, whilst this indoor lawn tennis was being played on the diningroom table. Ping-pong, with an awful suddenness, became old, unloved, discarded. There followed the age of jig-saw puzzles, but I fancy these appealed to maturity more than to youth; youth could not spare the time to select the pieces, and make an entire work of art.

\* \* \* \* \*

The gramophone, as a novelty, was welcomed because it made an economy in the dire hardship known as practising and listening to the scales. Small girls must have added the name of the inventor to the list in their prayer, and next-door neighbors saved much in cotton-wool. In some cases the gramophone wore off, in more senses than one, and unless there was a decision to purchase a new one, less prone to bronchitis and sore throat, together with a frequent change of records, satiety ensued, and a fox-trot air, attractive at the start, became an abomination and a curse, and a sound excuse for absence from home.

\* \* \* \* \*

The cinema is scarcely to be reckoned as a home attraction. True, there are local picture houses, but Walter and Gerald cannot wait until an heroic film, described as the masterpiece of this or any other age, exhausts itself in town, and wanders to the suburbs. For them, the two-and-fourpenny seats in the West End and an opinion formed whilst the production is still a topic for argument. Perhaps the craving tends to diminish, but Gerald and Walter still reddens with shame if, on being asked for a

view concerning a notable film, they are forced to make the ignominious admission:

"Haven't seen it!"

\* \* \* \* \*

The studious lad need not here be taken into account. He goes to evening classes, tries to improve his mental furniture, and, I hope, gains his reward in the shape of extraordinary increases in salary. The lad who sings can be disregarded. He is a good chap, and a home bird; the drawback with him is that he invariably marries young a lady of similar youthfulness, who, having during the engagement said of his rendering of "Passers By" that she could listen to it for ever, yet six weeks after the wedding says quite plainly: "My dearest dear, if you sing that once again, I shall simply go raving mad!" The average young man is being considered here, and the lesser historian desires to set down the fact that the average young man resumed the good habit of coming home promptly of an evening when the wireless was introduced to the house of his parents. The most appalling occurrence which can happen to him now is that a sister should be able to remark to him at the breakfast-table:

"You missed something very good indeed yesterday evening!" He can only bow his head apologetically, humbly,

"Sorry, sorry!"

\* \* \* \* \*

Home, for most of us, is a haven and a refuge, and worth gaining after the perturbations of the day. With the attache case is brought a collection made up here and there of grievances, often including noteworthy occurrences, and now and then a few triumphs. To be plain and candid, the mere changing of footwear is a relief, the value of which cannot be estimated to a tired mind and an exhausted body. Convalescence arrives within an hour, and then the demand is for recreation. This, I submit, is where the wireless comes in.

"Here," says the household in so many words and without giving credit to the original author, "will we sit, and let the sounds of music creep into our ears!"

\* \* \* \* \*

The great advantage of this making the home a place of entertainment is that the family circle is preserved; that a tonic for conversation is supplied; that, in the sharing of a mutual joy, distant relations need no longer exist in the household. I think brothers have become more brotherly, sisters more sisterly. Mothers and fathers less parental—"The Radio Times."

# IMPORTANT Radiokes—Solodyne ANNOUNCEMENTS

.....



Owing to the growing popularity of Amperite, necessitating increasingly heavier shipments, Radiokes, in conformity with their policy, are pleased to announce a reduction in price of ninepence per unit. In future, the price of Amperite will be 6/9 each, from all good Radio Dealers.

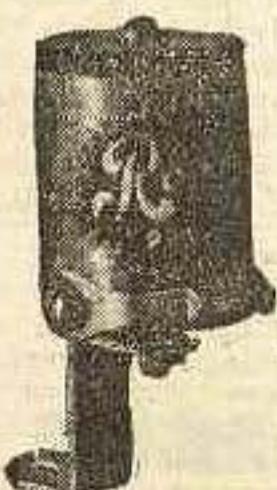
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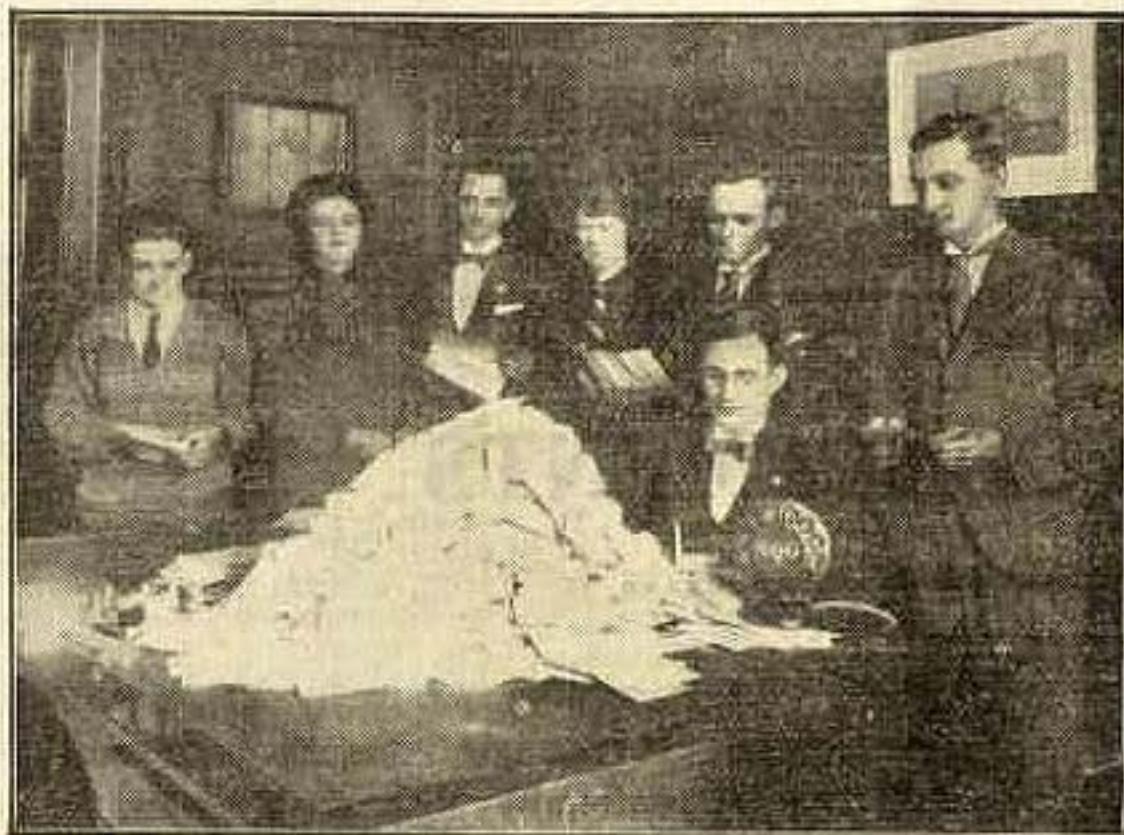
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*MAIL!* This is what the postman left on the doorstep of 4QG recently. Thousands of answers were received to an announcement over the air recently from that station. On the left is seen Mr. Woodland, the announcer.

## The Latest Marvel

By  
C. C. Faulkner

WRAPPED in an overcoat and rug I sat in an arm chair facing my radio set early last Friday morning, curious to hear the re-broadcast of the London, German, French and Dutch stations.

Hardly had I switched on 2BL when the Sydney G.P.O. clock began to strike—I hear it plainly from my home. Simultaneously the chimes of another great clock came through the radio set. The G.P.O. clock called 4 but the other struck 7—and I knew then it was Big Ben, London, the best known clock in the world booming to Australia and to the Empire, reminding us that the world is becoming a very little place indeed. Big Ben should have struck six, but they are working on daylight saving in Britain, and English clocks are an hour fast.

I sat with the radio for a couple of hours. A woman in London talked on education. She mentioned several names, evidently names of teachers, but I could not catch them. Some music followed, and a man with a foreign accent broke in to say that he was the Dutch station, PCJJ, relaying London. A woman sang "By the Waters of Minnetonka." The Dutchman interposed again lest we forgot that London was not coming direct but was being re-broadcast from Eindhoven, Holland. We heard that a series of wool sales had been con-

cluded, and that English tomatoes were 10/- a case. PCJJ cut off London and gave us Langenberg where a German was speaking. Langenberg is a German station. I listened for 15 minutes and then the Dutchman picked up radio Part 2, and a Frenchman was gathered in.

Then we were carried back to London where an orchestra was playing. As to what happened after that I am not certain. Possibly I dozed off, but it seemed as if every broadcasting station in the world was brought into my sitting room. I heard the great operas performed as they are only performed in Vienna; a wondrous Russian orchestra came over the air; a real troupe of Spanish Troubadours sang from Madrid; I heard an oratorio from Covent Garden, London, a mass from Rome and some folk-songs from Norway. The kings and rulers of the earth spoke to their peoples, and I who listened through the Sydney Station, 2BL, overheard them. A candidate for the American presidency shouted his political slogans; an Irish patriot made an oration—.

Yes! I must have dropped off to sleep.

I roused myself. It was 6 o'clock. I had not heard all these things. Only four European stations had come through my radio set. I must wait a little longer for the others.

**STEPHANIE DESTE'S DRAMATIC ART.**—Those fortunate theatre-goers who know Stephanie Desté as the wonderful dancer in "Rosa Marie" could hardly have anticipated that she can apply her terpsichorean abilities even to mere words. Yet her frequent appearances before the microphone at 3LO, Melbourne, are an ever fresh delight to the great audience that hears, but cannot see her. From her melodious mouth the words dance as nimbly as she herself, and it is all done with a grace, a daintiness, a fire, a delicacy that thrills all who listen. On a recent Sunday night this mistress of words showed a range of expression from the whimsical childishness of "Little Orphant Annie" right up to the tense tragedy of "Edinburgh after Flodden" and enthralled all who heard it. There were an extra fortunate few who also saw her reciting with uplifted chin, eyes closed, and fingers tightly interlaced, poised now on one foot then on the other, and finally in the excess of her passion flinging aside her heavy fur cloak as a spirit dispossesses itself of this mortal body, and soaring to the heights of tragedy until all who saw shook with her last long moan. 3LO, Melbourne, has conferred a great treat on its widespread audience by broadcasting Miss Stephanie Desté's dramatic art.

**AN ANNOUNCEMENT** by Amplion (Australasia), Limited, of a drastic reduction in the prices of their "Cabinette" Speakers is of considerable interest to the wireless enthusiast. At £2/10/- the oak model is excellent value. Chaste in appearance, capable of a really good performance, and backed by the Amplion guarantee and service, this British made loud speaker is worthy of the consideration of everyone who desires "better radio reproduction." The mahogany model is now listed at 57/-.

Mr. H. R. Mathieson, of Beauchamp-road, Matraville—a blind digger—would be glad to have a copy of "Wireless Weekly," in which "The Old Reliable" was described. This article appeared in "W.W." 27/10/26. We have no copies in this office.

3LO W. BROADCASTING HOURS.	
Saturday,	
10.30 a.m. to 12.30 p.m.	
2 p.m. to 3.30 p.m.	
4 p.m. to 5 p.m.	
8 p.m. to 10 p.m.	
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8.30 a.m. to 10 a.m.	
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6.30 p.m. to 8.30 p.m.	



**£10/10/-**

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Testrite, 3/-.

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Standard Type.	Heavy Duty Type.	“A” Batteries.
WP 30 .....	9/6	4½ Volt .....
WP 40 .....	12 6	21/- “C” Battery.
WP 60 .....	18 -	31 6 No. 126, 4½ Volt .....

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MAIL ORDER BRANCH, 60 GOULBURN STREET.

# BROADCASTING PROGRAMMES for the COMING WEEK

## Friday, August 5 2FC, SYDNEY

Farmer's Broadcasting Service.

Wave Length, 442 Metres.

## EARLY MORNING SESSION.

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

## MORNING SESSION.

- 10 a.m.—"Big Ben" and announcements.  
 10.5 a.m.—Studio music.  
 10.15 a.m.—"Sydney Morning Herald" news service.  
 10.30 a.m.—Studio music.  
 10.35 a.m.—A Reading.  
 10.45 a.m.—Studio music.  
 11 a.m.—"Big Ben."  
     Marching music for school children.  
 11.5 a.m.—A.P.A. and Reuter's Cable Services.  
 11.10 a.m.—Studio music.  
 11.15 a.m.—A talk on Home Cooking and Recipes by Miss Ruth Forst.  
 11.30 a.m.—Close down.

## MIDDAY SESSION.

- 12 noon—"Big Ben," 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.—ANNE LUCIANO, soprano.  
 12.45 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.  
 1.20 p.m.—Studio music.  
 1.25 p.m.—Stock Exchange, second call.  
 1.30 p.m.—Marching music for school children.  
 1.40 p.m.—ANNE LUCIANO, soprano.  
 1.45 p.m.—Studio music.  
 2 p.m.—"Big Ben." Close down.

## AFTERNOON SESSION.

- 3 p.m.—"Big Ben" and announcements.  
 3.2 p.m.—Studio music.  
 3.15 p.m.—A Reading.  
 3.30 p.m.—Marching music for school children.  
 3.40 p.m.—FRANK BOTHAM, baritone (from Farmer's Tea Rooms):  
     "A King's Man" (Hilliard).  
 3.45 p.m.—A talk.  
 4 p.m.—EILEEN MOREAU, soprano (from Farmer's Tea Rooms):  
     "I Love You Truly" (Jacobs-Bond).

4.5 p.m.—THE LYCEUM THEATRE ORCHESTRA.

- 4.20 p.m.—FRANK BOTHAM, baritone (from Farmer's Tea Rooms):  
     "A Song Remembered" (Coates).  
 4.25 p.m.—LORRAINE JARMAN, soprano:  
     "The Pixie Piper Man" (Elliott).  
 4.30 p.m.—Studio music.  
 4.35 p.m.—DOROTHY BENBOW, contralto.  
 4.40 p.m.—EILEEN MOREAU, soprano (from Farmer's Tea Rooms):  
     "If You were in My Garden" (Bonson).  
 4.45 p.m.—Stock Exchange, third call.  
 4.47 p.m.—LORRAINE JARMAN soprano:  
     "Never" (Drummond).  
 4.50 p.m.—DOROTHY BENBOW, contralto.  
 4.55 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA under the baton of Mr. Cyril Kaye.  
 5 p.m.—"Big Ben." Close down.

## EARLY EVENING SESSION.

- 5.45 p.m.—The Chimes of 2FC.  
 5.50 p.m.—The "Hello Man" talks to the children.  
 6.10 p.m.—Story time for the young folk.  
 6.40 p.m.—Dinner music.  
 7 p.m.—"Big Ben."  
     Late sporting news, a talk by the 2FC Racing Commissioner.  
 7.10 p.m.—Dalgety's Market Reports (wool, wheat and stock).  
 7.15 p.m.—Fruit and vegetable markets.  
 7.20 p.m.—Weather and shipping news.  
 7.25 p.m.—"Evening News" late news service.

## NIGHT SESSION.

- 7.40 p.m.—Programme announcements.  
 7.45 p.m.—BRUNTON GIBB, elocutionist.  
 8 p.m.—FROM THE LINFIELD THEATRE, LINFIELD: The Humphrey Bishop Revue Company, introducing new Songs and Acts. The artists include:  
     HUMPHREY BISHOP,  
     WALTER KINGSLEY,  
     SCOTCH AND ROSS,  
     ARTHUR HELMSLEY,  
     ELEANOR MAY,  
     "THE RAGTIME FOUR,"  
     JOHN MONTFORD,  
     THELMA TRADD, and others.

## 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—Theosophical Broadcasting Station, Ltd., Sydney, wavelength 316 metres, power 2000 watts.  
 2KY—Trades and Labor Council, Sydney, wavelength 290 metres, power 1500 watts.  
 2UW—Otto Handel, Sydney, wavelength 267 metres, power 100 watts.  
 2MK—Mockler Bros., Bathurst, wavelength 275 metres, power 250 watts.  
 2UE—Electrical Utilities Supply Co., Sydney, wavelength 293 metres, power 250 watts.  
 2BE—Burgin Electric Co., Sydney, wavelength 310 metres, 100 watts.  
 2HD—H. A. Douglas, Newcastle, wavelength, 386 metres, 100 watts.

- 9.30 p.m.—FROM THE STUDIO:  
     HARRISON WHITE, banjo solo:  
         (a) "At Peace with the World" (Berlin).  
             By request with Organ effect.  
         (b) "Don't Sing Aloha when I go" (Smith).  
 9.35 p.m.—DONALD MACK, baritone:  
     "The Ballad Monger" (Martin).  
 9.42 p.m.—WIN and WINDLE, English entertainers.  
 9.45 p.m.—HARRISON WHITE, banjo solo:  
     Waltz, "Honolulu Moon" (Lawrence).  
 9.54 p.m.—ALICE PROWSE, contralto:  
     Song cycle, "The Mill o' Dreams" (Coates).  
     No. 1 "Bark o' the Moon."  
 9.58 p.m.—WIN and WINDLE, English entertainers.  
 10.2 p.m.—DONALD MACK, baritone:  
     "A Farewell" (Liddie).  
 10.4 p.m.—HARRISON WHITE, banjo solo:  
     "Hello, Bluebird" (Frient).  
 10.52 p.m.—ALICE PROWSE, contralto:  
     Song cycle, "The Mill o' Dreams" (Coates).  
     No. 2 "Dream o' night."  
     No. 3 "The Man in the Moon."  
 10.58 p.m.—WIN and WINDLE, English entertainers.  
 10.54 p.m.—ALICE PROWSE, contralto:  
     Song cycle, "The Mill o' Dreams" (Coates).  
     No. 4 "Bluebells."  
 10.27 p.m.—DONALD MACK, baritone:  
     (a) "The Land of the Harlequinade"  
         (Oliver).  
     (b) "Now Sleeps the Crimson Petal"  
         (Quilter).  
 10.32 p.m.—HAL VANE'S ORCHESTRA:  
     Dance numbers from the Studio.  
 10.43 p.m.—PEGGY PEAT, soubrette.  
 10.46 p.m.—HAL VANE'S ORCHESTRA:  
     Popular dance items.  
 10.57 p.m.—Late news and announcements.  
 11 p.m.—PEGGY PEAT, soubrette.  
 11.1 p.m.—HAL VANE'S ORCHESTRA in dance numbers.  
 11.12 p.m.—PEGGY PEAT, soubrette.  
 11.15 p.m.—HAL VANE'S ORCHESTRA:  
     Dance numbers.  
 11.20 p.m.—PEGGY PEAT, soubrette.  
 11.23 p.m.—HAL VANE'S ORCHESTRA:  
     Dance numbers.  
 11.30 p.m.—National Anthem.  
     Close down.

## 2BL, SYDNEY.

Broadcaster's Ltd.

Wave Length, 353 Metres.

Friday.

## EARLY MORNING SESSION.

- 7 a.m.—G.P.O. clock and chimes.  
     Metropolitan weather forecast.  
 7.2 a.m.—State weather report.  
 7.4 a.m.—News service.  
 7.15 a.m.—G.P.O. clock and chimes.  
     Fruit market report.  
 7.18 a.m.—Vegetable market report.  
 7.20 a.m.—Australian Mercantile, Land and Finance Co.'s report.  
 7.24 a.m.—Dairy farm produce market report.  
 7.26 a.m.—Poultry market report.  
 7.30 a.m.—G.P.O. clock and chimes.  
     Musical programme from the Studio.  
 7.36 a.m.—News service.

7.40 a.m.—Bells in call by wireless.  
7.43 a.m.—Mail information, shipping arrivals and departures, and port directory.  
7.45 a.m.—G.P.O. clock and chimes.  
News service.  
8 a.m.—G.P.O. clock and chimes.  
Close down.

**MORNING SESSION.**

10.30 a.m.—G.P.O. clock and chimes.  
Musical programme from the Studio.  
10.40 a.m.—News service.  
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 "Hockey" by Miss Gwen Varley, Broadcasters' women's sports authority.  
Social notes. Replies to correspondents by Mrs. Jordan.  
Talk on "Feeding the Family—Spending and Saving" by Mrs. Jordan.  
12 noon—G.P.O. clock and chimes.  
Special ocean forecast and weather report.  
12.30 p.m.—Musical programmes from the Studio.  
12.45 p.m.—Information, Mails, shipping and port directory.  
12.50 p.m.—Boats in call by wireless.  
12.55 p.m.—Fruit market report.  
12.58 p.m.—Vegetable market report.  
12.58 p.m.—London metal market report.  
12.58 p.m.—Dairy farm produce market report.  
12.58 p.m.—G.P.O. clock and chimes.  
Forage market report.  
12.58 p.m.—Fish market report.  
12.58 p.m.—Rabbit market report.  
12.58 p.m.—News from the "Sun."  
12.58 p.m.—Hiller's Instrumental Quartet—Direction, Caryl Castling.  
12.58 p.m.—G.P.O. clock and chimes.  
Talk to children and special entertainment for children in hospital.  
1 p.m.—G.P.O. clock and chimes.  
Close down.

**AFTERNOON SESSION.**

Racing information broadcast immediately after each race, by courtesy of the "Sun."  
1 p.m.—G.P.O. clock and chimes.  
News from the "Sun."  
1.15 p.m.—Civil Service Stores Trio—Directions, Miss de Courcy Bremer.  
1.30 p.m.—G.P.O. clock and chimes.  
News from the "Sun."  
1.40 p.m.—Musical programme from the Studio.  
1.50 p.m.—News from the "Sun."  
1.50 p.m.—G.P.O. clock and chimes.  
Civil Service Stores Trio.  
1.55 p.m.—Serial story.  
1.55 p.m.—Musical programme from the Studio.  
1.55 p.m.—News from the "Sun."  
1.55 p.m.—Racing resume.  
1.55 p.m.—Resume of night's programme.  
1.55 p.m.—Announcements and What's On?  
1.55 p.m.—Special ocean forecast.  
1 p.m.—G.P.O. clock and chimes.  
Close down.

**EARLY EVENING SESSION.**

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

**SPECIAL COUNTRY SESSION.**

1 p.m.—G.P.O. clock and chimes.  
Australian Mercantile Land and Finance Co.'s report.  
Weather report and forecast by courtesy of Government Meteorologist.  
Producers' Distributing Society's fruit and vegetable market report.  
Stock Exchange reports.  
Grain and fodder report ("Sun").  
Dairy produce report ("Sun").  
7.15 p.m.—Country news from the "Sun."  
7.15 p.m.—Talk on "Gardening Science" by Mr. Cooper, Park Superintendent, City Council.

8 p.m.—G.P.O. clock and chimes.  
Broadcasters' Topical Chorus.  
8.30 p.m.—Mr. Roger Jones, baritone.  
8.35 p.m.—Miss Veda Lawrence, soprano.  
8.40 p.m.—Ward Lear and Will Kenny in a laughing, singing and whistling turn.  
8.45 p.m.—Broadcasters' all-sports expert will talk on football.  
8.50 p.m.—Broadcasters' Trio.  
8.55 p.m.—Weather report and forecast by courtesy of Mr. C. J. Mares, Government Meteorologist.  
8.55 p.m.—Mr. Sydney Hollister, comedian.  
9.10 p.m.—Miss Nellie M. Ferguson, songs at the piano.  
9.15 p.m.—Dale Duggan and Norman Barrington in one of their vaudeville acts.  
9.20 p.m.—Broadcasters' Trio.  
9.45 p.m.—Resume of following day's programmes.  
9.50 p.m.—Mr. Roger Jones.  
9.55 p.m.—The sporting editor of the "Sun" will talk on the prospects of Saturday's racing.  
10.10 p.m.—Miss Veda Lawrence.  
10.20 p.m.—Miss Nellie M. Ferguson.  
10.30 p.m.—News items by courtesy of the "Sun" Newspapers.  
10.40 p.m.—Mr. Sydney Hollister.  
10.50 p.m.—Broadcasters' Trio.  
11 p.m.—G.P.O. clock and chimes.  
National Anthem.

**AFTERNOON EDITION.**

3.30 p.m.—Music.  
3.37 p.m.—Home Hints by Mrs. Duncan.  
3.42 p.m.—Music.  
4.15 p.m.—Education by Mrs. Wood.  
4.22 p.m.—Music.  
4.30 p.m.—Close down.

**EVENING SESSION.**

6.30 p.m.—Children's Session.  
7 p.m.—Music.  
7.45 p.m.—Address, F. Houston.  
7.55 p.m.—Music.  
7.55 p.m.—Address, R. E. Bennett.  
7.55 p.m.—Music.  
7.55 p.m.—Mr. Walter Hunt.  
7.55 p.m.—Songs by Miss Alice Budd.  
8.10 p.m.—Address by Professor Ernest Wood.  
8.15 p.m.—Songs by Mr. W. J. Stelzer.  
1. "Gypsy Love Song."  
2. "Rosary."  
8.20 p.m.—An Half-hour with the 2GB String Quartette: LLOYD DAVIES, MONICA HORDER, MURIELLE LANG, CHARLES BOULT.  
9 p.m.—Address by Rev. R. B. S. Hammond.  
9.15 p.m.—Piano Solos: Miss Thelma Hooper.  
9.20 p.m.—Songs by Miss Alice Budd.  
9.25 p.m.—Violin Solo: MONICA HORDER.  
1. "From the Land of the Sky Blue Water" (Carmen).  
2. "Canzonetta" (D'Ambrosio).  
9.45 p.m.—Songs by Mr. W. J. Stelzer:  
1. "I'll Sing these Songs of Arabia."  
2. "Because."  
9.55 p.m.—Talk.  
10 p.m.—Close down.

**2GB, SYDNEY**

Theosophical Broadcasting Service.

Wave Length, 316 Metres.

Friday.

**MORNING SESSION.**

7 a.m.—Music.  
8.30 a.m.—"Cheerio" Talk.  
9.15 a.m.—Music.  
9.25 a.m.—Psychological Class.  
9.40 a.m.—Music.  
9.45 a.m.—Health Talk.  
10 a.m.—Close down.

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

**3LO**—Broadcasting Company of Australia, Ltd., Melbourne, wavelength 371 metres, power 5000 watts.  
**4QG**—Queensland Radio Service, Brisbane, wavelength 385 metres, power 2000 watts.  
**5CI**—Central Broadcasters' Ltd., Adelaide, wavelength 390 metres, power 1000 watts.  
**6WF**—West Australian Farmers, Ltd., Perth, wavelength 1250 metres, power 5000 watts.  
**7ZL**—Tasmanian Broadcasters, Ltd., Hobart, wavelength 135 metres, 3500 watts.  
**2AB**—Associated Radio Co., Ltd., Melbourne, wavelength 434 metres, power 1000 watts.  
**3DB**—Draileigh Business and Technical College, Melbourne, wavelength 235 metres, power 500 watts.  
**2UZ**—O. J. Nilson & Co., Melbourne, wavelength 215 metres, power 100 watts.  
**4GH**—Gold Radio Electric Service, Toowoomba, Queensland, wavelength 284 metres, power 100 watts.  
**3KA**—Sport Radio Broadcasting Station, Adelaide, wavelength 240 metres, power 1000 watts.  
**2DN**—SDN Pty., Ltd., Adelaide, wavelength 212 metres, 100 watts.

**3LO, MELBOURNE.**

Broadcasting Co. of Aust.

Wave Length, 371 Metres.

Friday

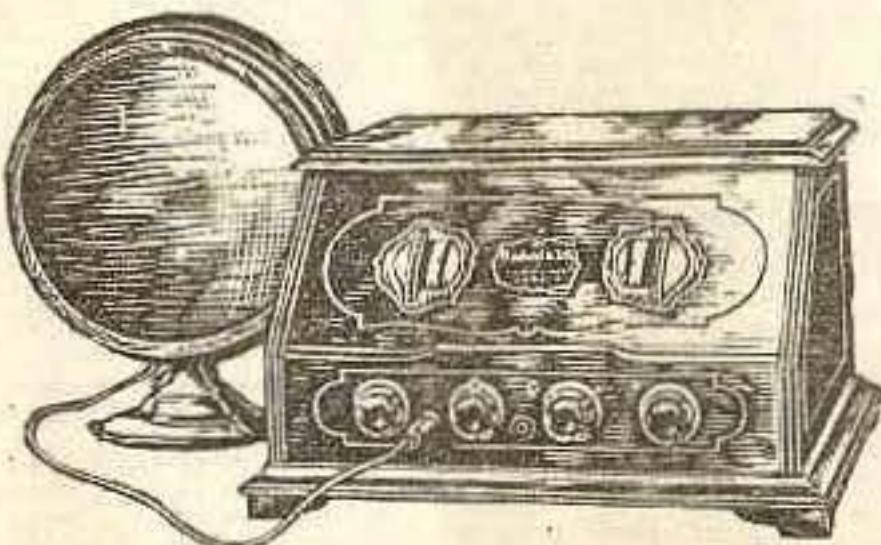
**MIDDAY SESSION.**

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. Reuter's and the Australian Press Association cables.  
12.20 p.m.—STUDIO ORCHESTRA: "Tantalusalem" (Suppe).  
12.30 p.m.—POSTER AND NEEDHAM: Frank Foster, Song, "Brilliant Day" (Marion).  
Duet, "Watchman" (Sergeant).  
Robert Needham, Song, "Beating Home" (Sanderson).  
12.40 p.m.—Stock Exchange information.  
12.45 p.m.—STUDIO ORCHESTRA: "Kalinka" (Prival).  
12.55 p.m.—ETHEL FORSHAW, soprano: "True Love" (Brahms).  
"Sunday" (Brahms).  
1 p.m.—DOROTHY ROXBURGH, violin: "Sarah Baucis" (Handel).  
"Chattering" (Grieg and Mains).  
1.15 p.m.—Meteorological information; shipping intelligence; weather synopsis for Victoria, Tasmania, South Australia and New South Wales; ocean forecast; river reports; rainfall for Victoria, Tasmania, South Australia and New South Wales.  
1.15 p.m.—STUDIO ORCHESTRA: "The Mill" (Jensen).  
"Tramore".  
1.30 p.m.—ETHEL FORSHAW, soprano: "Death and the Girl" (Schubert).  
"The Violin Player" (Horner).  
1.30 p.m.—MUSICAL HALF-HOUR, arranged by Mr. J. Button. Cruse—VICTOR STEPHENSEN, pianist, will play: "Hark, hark, the lark" (Schubert-Lam).  
STELLA DREDGE, vocalist, will sing: "The lass with the delicate air" (Arne).  
"A brown bird singing" (Wood).  
BASIL FARRELL, violinist, will play: "Hornpipe" (Purcell).  
STELLA DREDGE will sing: "Songs my mother taught me" (Dvorak).

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AUSTRALIAN  
**GENERAL ELECTRIC**  
Australian General Electric Company Ltd

93-95 CLARENCE STREET  
SYDNEY

Civic Centre  
CANBERRA

**BARIL KARRELL** will play:  
"Siciliana."  
"Rigaudon" (Francoeur-Kreisler).  
**STELLA DREDGE** will sing:  
"Down in the Forest" (London-Ronald).  
**VICTOR STEPHENS**, pianist, will play:  
"Prelude" (Parholzki).  
"Danse Negra" (Gershwin).  
2 p.m.—Close down.  
2.45 p.m.—Associated Public Schools of Victoria Football:  
**XAVIER COLLEGE** v. **SCOTCH COLLEGE**, at M.C.G., described by Mr. N. C. Stephen.  
2.55 p.m.—Close down.

## AFTERNOON SESSION.

3 p.m.—**STUDIO ORCHESTRA**:  
"Nautical Scenes" (Fletcher).  
2.15 p.m.—Associated Public Schools of Victoria Football. **XAVIER COLLEGE** v. **SCOTCH COLLEGE**, at M.C.G., described by Mr. N. C. Stephen. Quarter-time.  
3.20 p.m.—"AU FAIT":  
"Fashion Talk."  
3.35 p.m.—Associated Public Schools of Victoria Football. **XAVIER COLLEGE** v. **SCOTCH COLLEGE**, described by Mr. N. C. Stephen, from M.C.G. Half-time.  
3.40 p.m.—**ORGAN RECITAL**, from St. Paul's Cathedral, by Dr. A. E. Floyd:  
Two songs without words.  
"No. 3, in E — No. 18, in A flat" (Mendelssohn).  
"Sketch in F Major" (A. E. Floyd).  
"Petit Pastorale" (Ravel).  
4 p.m.—**ELSIE BOWER AND BILLY RUTHERFORD**:  
Duet, "I had someone else."  
Elsie will then explain the 'Tonic Sol Fa' to Bill.  
Duet, "Well, it looks like rain."  
4.15 p.m.—**STUDIO ORCHESTRA**:  
"Light Heart—A Merry Suite" (Lee).  
4.15 p.m.—Associated Public Schools of Victoria Football. **XAVIER COLLEGE** v. **SCOTCH COLLEGE**, described by Mr. N. C. Stephen, from M.C.G. Three-quarter time.  
4.25 p.m.—**Mrs. M. CALLAWAY MAHOOD**:  
The Study and Use of Color.  
4.40 p.m.—**MILDRED AND CONNIE**:  
Piano, "Easy Melody."  
Duet, "Virginia."  
4.45 p.m.—"Herald" news service. Stock Exchange information.  
5 p.m.—**ASSOCIATED PUBLIC SCHOOLS OF VICTORIA, FOOTBALL**. **XAVIER COLLEGE** v. **SCOTCH COLLEGE**. Final score, by Mr. N. C. Stephen.  
5.10 p.m.—Close down.

## EVENING SESSION.

6.00 p.m.—Answers to letters and birthday greetings by "BILLY BUNNY."  
6 p.m.—**MILDRED AND CONNIE** will play to the children on numbers of different musical instruments.  
6.10 p.m.—**ELSIE BRADSHAW**:  
"Songs at the Piano."  
6.12 p.m.—Capt. DONALD MacLEAN:  
"Pirates and More Pirates."  
6.15 p.m.—Official report of Newmarket stock sales, numbers of tracks for following week's sales, supplied by the Associated Stock and Station Agents of Bourke Street, Melbourne.  
6.45 p.m.—"Herald" news service; weather synopsis; shipping movements.  
6.50 p.m.—Stock Exchange information.  
6.55 p.m.—Fish market reports by J. H. Borrett, Ltd. Rabbit prices.  
7 p.m.—River reports.  
7.30 p.m.—Market reports of fruit, by the Victorian Growers' Association, compiled by the "Fruit World."

## NIGHT SESSION.

7.15 p.m.—Under the auspices of the Department of Agriculture, MR. J. T. RAMSAY, Potato Expert, will speak on:  
"Preparation for Planting Potatoes."  
7.30 p.m.—**STUDIO ORCHESTRA**:  
Selection, "Sally" (Kern).

7.45 p.m.—**FRANK AND FRANCES LUIZ**:  
Song, "Pua Mohala."  
Steel Guitar, "Kohala March."  
Duet, "Maui Girl."  
7.50 p.m.—Mr. H. K. LOVE:  
"Technicities."  
8 p.m.—**COLLINGWOOD CITIZENS' BAND**:  
March, "Never Despair."  
Overture, "Silver Star."  
8.10 p.m.—**FOSTER AND NEEDHAM**:  
Frank Foster, "Through all the ages" (Coates).  
Duet, "The Moon hath raised" (Benedict).  
Robert Needham, "Mate o' Mine" (Elliot).  
8.20 p.m.—**STUDIO ORCHESTRA**:  
"Italian Symphony—1st Movement" (Mendelssohn).  
8.25 p.m.—**ELSA STRALIA**, soprano:  
"Annie Laurie."  
"Coming Home."  
8.30 p.m.—**COLLINGWOOD CITIZENS' BAND**:  
Cornet solo, "Ben Bolt."  
Fox trot, "Any ice to-day, lady?"  
8.40 p.m.—We have pleasure in presenting to listeners this evening, "The Singing Pilot," CAPT. GUY MOORE, tenor:  
"Poet's Song"—La Boheme (Puccini).  
"Faery Song—Immortal Hour."  
8.47 p.m.—**TASMA TIERNAN**, 'cello:  
"Romance" (Popper).  
8.55 p.m.—Announcements, THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TO-DAY:  
PEDESTRIANS: "The man who dashes in headlong usually comes out feet first."  
9 p.m.—**ELSIE BOWER AND BILLY RUTHERFORD** argue with and without music:  
Duet, "I suppose you think that's clever."  
Jazz song, "Walla, Walla."  
9.10 p.m.—**STUDIO ORCHESTRA**:  
"Italian Symphony—Pilgrim's March" (Mendelssohn).  
9.15 p.m.—**ELSA STRALIA**, soprano:  
Aria, "Mimi"—La Boheme.  
"Pale Moon" (Logan).  
9.24 p.m.—**CARDIGAN**, Mr. H. A. Wolfe, sporting editor of the "Argus" and "Australian," will speak on Saturday's races.  
9.35 p.m.—**COLLINGWOOD CITIZENS' BAND**:  
Selection, "The Gondoliers."  
9.45 p.m.—CAPT. GUY MOORE, tenor:  
Two old English songs:  
"Drink to me only."  
"Sigh no more, ladies" (Stevens).  
9.52 p.m.—Meteorological information. Road notes, supplied by the Royal Automobile Club of Victoria.  
10 p.m.—**STUDIO QUARTET**:  
"Quartet" (Mozart).  
10.10 p.m.—MR. C. J. WILLIAMS will speak on to-morrow's Stadium event.  
10.20 p.m.—**COLLINGWOOD CITIZENS' BAND**:  
Grand Fantasy, "A Sailor's Life" (by request).  
10.30 p.m.—"Argus" news service. British official wireless news. Announcements.  
10.40 p.m.—**SIDNEY BURCHALL**, baritone:  
"Billy Boy" (Crummit).  
"Her greatest charm" (Bond).  
10.47 p.m.—**JOE ARONSON'S SYNCOPATING SYMPHONISTS**:  
"Reselling for the moss" (Davis).  
"That's my girl" (Davis).  
"St. Louis Blues" (Handy).  
"I'm tellin' the birds, tellin' the bees" (Brown).  
11 p.m.—**OUR GREAT THOUGHT FOR TODAY IS**:  
"It is to me a peculiarly noble work rescuing from oblivion those who deserve immortality and extending their renown at the same time that we advance our own."—Flisy the Younger, on the Writing of History.  
11.1 p.m.—**JOE ARONSON'S SYNCOPATING SYMPHONISTS**:  
"Oh, if I only had you" (Friend).  
"Hi, Ho, the Merrie" (Brown).  
"You need someone to love" (Olson).  
"Honolulu Moon" (Lawrence).  
"Where do you work, John?"  
"Stepping in society" (Akot).  
"Meadow Lark" (Fiorito).  
"that Haunting Waltz" (Goldstein).  
"Speech" (Friend).  
"Cookin' the Piano"—Piano Solo (Conroy).  
"Ain't she sweet" (Yellen).  
"Cross words, cross talk" (Yellen).  
"Mignonette" (Nichols).  
"Blue Skies" (Berlin).  
"Moonlight on the Ganges" (Wallace).  
"The Winding Trail" (Howard).  
11.40 p.m.—**GOD SAVE THE KING**.

## 3AR, MELBOURNE

Associated Radio Co.

Wave Length, 484 Metres.

Friday

MORNING NEWS SESSION—11 to 12 Noon.  
MIDDAY CONCERT SESSION—12.1 p.m. to 1 p.m.

Transmitted from Panatope House, 252 Collins Street (by exclusive permission of Wills and Paton, Ltd.), on the Brunswick Panatope.

## MATINEE SESSION.

## DANCE CONCERT.

2.30 p.m.—Studio Orchestra.  
2.45 p.m.—Mr. Eric Pettifer, clarinet: "Air Varié" (Pampire).  
2.52 p.m.—Ayars Dancers.  
3.10 p.m.—Miss Ethel Brearley, piano: "Caprice Viennois" (Kreisler).  
3.14 p.m.—Studio Orchestra.  
3.29 p.m.—Miss May Richards, contralto: "Pleading" (Elgar).  
"Swing Low, Sweet Chariot" (Burleigh).  
3.37 p.m.—Ayars Dancers.  
4 p.m.—G.P.O. Clock says "Four."  
4.1 p.m.—Second Weather Forecast.  
4.4 p.m.—Interval Talk: Miss Emily Noble (Cushing expert of the Metropolitan Company); "Invalid Cookery."  
4.14 p.m.—Studio Orchestra.  
4.32 p.m.—Miss May Richards, contralto: "None but an Aching Heart" (Tchaikovsky).  
"The Star" (Rogers).  
4.38 p.m.—Ayars Dancers.  
4.45 p.m.—Studio Orchestra.  
4.55 p.m.—To-night's Entertainment.  
5 p.m.—G.P.O. Clock says "Five."  
Close down.

## CHILDREN'S SESSION.

6.30 p.m.—The "Farmyard Five."

## EVENING SESSION.

"FUN FOR ALL, ALL FOR FUN."  
7.30 p.m.—Mr. George Beattie (Principal of the Beattie College of Physical Culture): Physical Fitness.  
7.45 p.m.—To-morrow's Races: Special Review and Tips by the Turf Expert, "Field Glasses."  
7.50 p.m.—Market reports.  
7.55 p.m.—Week-end Tourists' Guide.  
8 p.m.—G.P.O. Clock says "Eight."  
8.1 p.m.—Mr. Will Davies, baritone: "The King's Minstrel" (Pinetti).  
"Tommy Lad" (Margeson) (by request).  
8.7 p.m.—Mr. Sydney Falk, flute: "Barcarolle," from the "Tales of Hoffman" (Offenbach).  
8.14 p.m.—Miss Elyse Stewart, comedienne: "Dirty Face" (Burton Green).  
"Bread and Jam" (Burton Green).  
8.21 p.m.—Announcements.  
8.25 p.m.—Mr. Frank Crossley: "The Arctic Cove."  
"My Gal's Face" (Helday).  
"I've only come down for the day" (Lee).  
8.32 p.m.—Miss Violin Wooleck, violin: "Romance" (Wieniawski).  
8.41 p.m.—Miss Edith Kerwin, contralto: "Waiata Fo" (Hill) (by request).  
"My Task" (Ashford).

# Delighted Users



## *The G. & R. "V"*

The cabinet, as shown above, is a masterpiece, size 26 x 16 x 11 inches, with a walnut finish. It has two compartments, one on each side, for the A and B batteries. The set is guaranteed to bring in all interstate stations; the illuminated drum control is particularly advantageous for indicating stations at night. A log is furnished with the set, giving the exact location on the drum that will bring in each particular station on a standard aerial.

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## THE **G & R** RECEIVER

The G. & R. One Control Five Valve Receiver is a masterpiece in modern Radio Receivers.

*A Single Turn of the Dial Brings in Everything on the Air.*

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*Sales Agents to the Trade:-*

**Manufacturers' Products Pty.,**  
LIMITED  
CHALLIS HOUSE, SYDNEY

1.45 p.m.—Rev. Dr. J. L. Braund, LL.D.: The third of the famous "Our Homes" series of talks. This lecture is entitled "Our Fathers."

2.45 p.m.—Mr. Sydney Falk, flute: "The Carnival of Venice" (Bruckner).

2.55 p.m.—Miss Elyne Stewart, comedienne: "Would It Certainly I Could" (Ayer).

3 Little Old Ballad, "Shakespeare Snapshot" (Old English).

2.55 p.m.—Mr. Will Davies, harpist: "The Carfew" (Gould).

"Young Tom o' Devon" (Kennedy Russell).

2.55 p.m.—Radio plays.

"Dress in a Post Office" (Crossley).

3.10 p.m.—Announcements, etc.

3.15 p.m.—Miss Violet Woolcock, violin: "On Wings of Song" (Mendelssohn-Achenbach).

"Kubelik" Serenade (Orlitz).

3.25 p.m.—Miss Eileen Kerwin, contralto: "Three Green Bonnets" (d'Indy).

"Salaam" (Lang) (by request).

3.45 p.m.—G.P.O. Clock says "Two."

3.55 p.m.—"Ade" News Bulletin.

4.15 p.m.—Dance Hour. Leggett's Ballroom Orchestra (Direction, Mr. Harry Naugier).

4.35 p.m.—To-morrow's Entertainment.

4.55 p.m.—An Australian Good-night Thought:

"Let me be clean from undetected shame;  
Know myself true, though heretic I seem;  
Know myself faithful, howso'er disgraced;  
Upright and strong, for all the load of  
shame."

—From "Housur" (Ada Cambridge).

5.15 p.m.—G.P.O. Clock says "Eleven."  
"God Save the King."

## 4QG, BRISBANE

Queensland Radio Service.  
Wave Length, 385 Metres.

Friday

### MIDDAY SESSION.

1 p.m.—Market reports; weather information; "The Daily Mail" and "The Daily Standard" news.  
FROM HOTEL CARLTON—  
1.20 p.m.—Lunch hour music played by Hotel Carlton Symphony Orchestra.  
FROM THE OBSERVATORY—  
1.30 p.m.—Standard time signal.  
2 p.m.—Close down.

### AFTERNOON SESSION.

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

### 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.  
7.45 p.m.—Standard time signal.

### NIGHT SESSION.

#### W.E.A. MUSIC CLASS.

The Workers' Educational Association Tutorial Classes in music are being held in the Reception Hall at 4QG this season, and are being conducted by Mr. George Sampson, F.R.C.O. (Musical Adviser, Department of Public Instruction; Lecturer in Music, Teachers' Training College).

The object of holding the classes at 4QG is to broadcast the lectures and music, and so make available to a large audience the educational matter placed before students.

The classes will extend over a period, and will be held each Friday night.

The usual lecture (which generally begins at 7.45 p.m.) will be dispensed with, and the classes will begin at that hour.

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

#### FROM THE RECEPTION HALL—

1.45 p.m.—W.E.A. Music Class.  
The Jeffries Party will illustrate to-night's lecture.

2 p.m.—Metropolitan weather forecast; week-end road information for motorists, officially supplied by the Royal Automobile Club of Queensland.

#### S.S. ESPERANCE BAY.

The function held on board the Commonwealth liner "Esperance Bay," in aid of the seafarers home for country women, will be relayed. A concert will be given, and there will be dance music.

#### FROM THE S.S. "ESPERANCE BAY."

2.15 p.m.—Concert programme.

#### FROM THE STUDIO—

3 p.m.—Sporting news.

#### FROM THE S.S. "ESPERANCE BAY."

3.30 p.m.—Dance music.

3.45 p.m.—Close down.

3.50 p.m.—Tune in.

3.55 p.m.—Musical Programme, including Pianoforte Solos by MISS EVELYN WILLIS.

4.30 p.m.—Close down.

4.45 p.m.—Tune in.

4.50 p.m.—Musical Evening for the Kiddies.

4.55 p.m.—Talk.

5 p.m.—Time Signal from Perth Observatory.

5.1 p.m.—Weather Notes, supplied by the Meteorological Bureau of W.A.

5.3 p.m.—CONCERT FROM THE STUDIO (including Instrumental and Vocal Items).

5.5 p.m.—Talk, "Gardening Notes," by Mr. E. A. Hughes, representative of Messrs. Harrison and Dawson, florists.

6.45 p.m.—Talk by "CALLER" on Saturday's Racing Events.

6.55 p.m.—Late News, supplied by courtesy of "The Daily News" Newspaper Co. Ships in range. Weather forecast.

7.10 p.m.—Close down.

## 5CL, ADELAIDE

Central Broadcasters, Ltd.  
Wave Length, 395 Metres.

Friday.

### AFTERNOON SESSION.

3 p.m.—Chimes.  
3.1 p.m.—Relay from the Maple Leaf Cafe—Orchestral selections.  
3.45 p.m.—Social News.  
4 p.m.—Chimes.  
4.1 p.m.—Relay from the Arcadia Cafe—Orchestral selections.  
5.15 p.m.—Station announcements.  
5 p.m.—Chimes and close down.

### EVENING SESSION.

6 p.m.—Chimes.  
6.1 p.m.—Relay from the Covent Garden—Orchestral selections.  
6.30 p.m.—Bedtime Stories by Aunty Peggy and Uncle Mike.  
7.30 p.m.—Market reports, Stock Exchange Intelligence, Retail Grocer's Report, Automobile Association Bulletin, Daw's Fish Market report.  
7.45 p.m.—Sporting talk by "Winding."  
7.55 p.m.—Football talk by "Highmark."  
8 p.m.—Chimes.  
8.1 p.m.—Relay Malcolm Reid's Melody Masters.  
9.1 p.m.—From the Studio, Weather bulletin and Dalgety's wheat report.  
9.3 p.m.—From the Studio, Studio Orchestra in a programme of operatic selections, Assisting Artists.  
Jean Sinclair (contralto).  
Ken Hughes (tenor).  
Howard Rogers (bass).  
Don Parnell (comedian).  
10 p.m.—Advertiser News Service, Wireless Shipping, Local and Interstate Sporting.  
10.15 p.m.—Studio Concert continued.  
10.30 p.m.—Tomorrow's programme Station announcements, Weather Bulletin.  
11 p.m.—Chimes. National Anthem.

## 6WF, PERTH

Westralian Farmer's.  
Wave Length, 1250 Metres.

Friday

12.30 p.m.—Tune in.

12.35 p.m.—First Local News Bulletin, supplied by courtesy of "The West Australian" Newspaper.

Market Reports, supplied by the Westralian Farmers, Limited.

Calips, supplied by the Australian Press Association.

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

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

1.2 p.m.—STUDIO QUINTETTE.

2 p.m.—Close down.

## 7ZL, HOBART

Tasmanian Broadcasters, Ltd.

Friday.

### MORNING SESSION.

11 a.m. to 12 noon.

### AFTERNOON SESSION.

2 p.m.—G.P.O. Clock Chimes.  
3.1 p.m.—Tune in Selection.  
3.4 p.m.—Hobart Stock Exchange quotations, Weather Information, Items of interest, Announcements.  
3.45 p.m.—Orchestral Selections by 7ZL Orchestra.  
4.15 p.m.—Bridge Instruction—Lesson 2.  
4.30 p.m.—Close down.

### EARLY EVENING SESSION.

6.30 p.m.—Children's Corner with the "Radio Lady."  
7.15 p.m.—Young Folks Gardening Chat by Mr. George Nation.

### NIGHT SESSION.

7.30 p.m.—Fruit, Poultry and Produce reports through the courtesy of Roberts & Co., Ltd., Hobart.  
7.45 p.m.—Gardening Talk by Mr. George Nation—Glen Nurseries Gertrude.  
7.50 p.m.—"Marsyas" special Tasmanian news service, Halfway station Produce sales, Weather forecasts, Hobart Stock Exchange quotations, Sports Budy, through the courtesy of Mr. H. W. Newton, of the Hobart Sports Depot.  
8 p.m.—G.P.O. Clock Chimes.  
8.1 p.m.—Concert from the Studio:  
Mrs. Ken Dyer (mezzo-soprano).  
Miss Mona McGuire (soprano).  
Miss Joyce Brownell (contralto).  
Miss Enid Brownell (mezzo-soprano).  
Miss Dulcie Tate (soubrette).  
Mr. George Hook (comedian).  
Miss Winnie Shield (Pianist).  
Miss P. Teghan (baritone).  
9.30 p.m.—Chat on Saturday's Football, by "Snowy" Marsh.  
9.45 p.m.—British Official Wireless news.  
9.50 p.m.—"Mercury" special Interstate news service, Ships within Wireless range, Tasmanian District Weather reports.  
10 p.m.—Weather forecast, Travellers' weekend information, Station Announcements, National Anthem.

## Saturday, August 6

## 2FC, SYDNEY

### EARLY MORNING SESSION.

7 a.m.—"Big Ben" and announcements.  
7.5 a.m.—Studio music.  
7.15 a.m.—COUNTRY SESSION: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services.

## To wit---- *that ABC Battery!*

Of course, the man who wants dependable quality in socket powers must be prepared to *pay what good equipment costs.*

But the point is this—

Without charging Quality Price, Bright Star knows of no way of building socket power that is of any value.

And to the set owner who cannot afford or want to spend the price of a good eliminator, Bright Star's advice is this—

DON'T buy any eliminator. Instead rely on heavy duty dry cells for BC supply; upon a storage battery or dry cells for A Battery supply. With the right ABC Batteries this is a thoroughly satisfactory method of supply — and Bright Star ABC can supply it.



INTERNATIONAL RADIO CO. LTD.  
200 Castlereagh Street, Sydney.

7.25 a.m.—Investment market, mining share market, metal quotations.  
7.35 a.m.—Wool sales, breadstuffs, markets, interstate markets, produce markets.  
7.45 a.m.—"Sydney Morning Herald" summary.  
8 a.m.—"Big Ben." Close down.

## MORNING SESSION.

8 a.m.—"Big Ben" and announcements.  
8.05 a.m.—Studio music.  
9.15 a.m.—"Sydney Morning Herald" news service.  
10.30 a.m.—Studio music.  
10.35 a.m.—A talk by the ZPC Racing Commissioner.  
10.45 a.m.—Studio music.  
11 a.m.—"Big Ben."  
Studio music.  
11.3 a.m.—A.P.A. and Reuter's Cable Services.  
11.10 a.m.—Studio music.  
11.15 a.m.—A talk on Gardening by Mr. G. J. Lockley ("Redgum").  
11.30 a.m.—Close down.

## MIDDAY AND AFTERNOON SESSIONS.

12 noon.—"Big Ben" and announcements.  
12.2 p.m.—Stock Exchange.  
12.3 p.m.—Music from the Studio.  
12.20 a.m.—"Sydney Morning Herald" news.  
Rugby wireless news.  
12.35 p.m.—Studio music.  
NOTE: EVENTS OF THE A.J.C. MEETING AT WARWICK FARM WILL BE DESCRIBED IN THE RUNNING BY THE ZPC COMMISSIONER.  
1 p.m.—"Big Ben."  
Weather intelligence.  
1.3 p.m.—"Evening News" midday news service.  
1.30 p.m.—Studio music.

During the intervals of Race Descriptions, the following items will be given:  
CLIFF CLEGG, novelty pianist:  
(a) "Blue Skies" (Berlin).  
(b) "Cairo" (Myers).  
(c) "No Feelin'" (Hanley).  
(d) "Song of the Wanderer" (Metz).  
(e) "Ain't She Sweet" (Yellen).  
(f) "Caring for You" (Lang).  
(g) "Moonbeam Kiss Her for Me" (Dixon).  
(h) "That's Putting it Mild" (Clegg).  
THE WENTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of CYRIL KAYE, will be heard at intervals.  
WHICHELLO TRIO (instrumentalists) and WAL BUCKLEY, soloist, in dance music:  
(a) "Bygone Melody" (Evans).  
(b) "Hello Aloha, How are You?" (Gibbert).  
(c) "Mary Lou" (Robinson).  
(d) "Telling the Birds" (Friend).  
(e) "The Little White House" (Dowling).  
(f) "Old-Fashioned Town" (Squire).  
(g) "Falling in Love with You" (Davis).  
4.30 p.m.—Complete resume of the Day's Sporting Events.  
5 p.m.—"Big Ben." Close down.

## EARLY EVENING SESSION.

6.45 p.m.—The Chimes of ZPC.  
6.50 p.m.—The "Hello Man" talks to the children.  
6.55 p.m.—A serial story for the young folk.  
6.40 p.m.—Dinner music.  
7 p.m.—"Big Ben."  
Late sporting news.  
7.10 p.m.—Weather intelligence.  
7.15 p.m.—"Evening News" late news service.  
7.20 p.m.—Studio music.

## NIGHT SESSION.

7.40 p.m.—Programme announcements.  
7.45 p.m.—Studio music.  
8 p.m.—"Big Ben."  
THE CRYSTAL PALACE THEATRE ORCHESTRA playing the "Raymond" Overture, and other Orchestral items.  
8.15 p.m.—THE "SPARKLERS," under the direction of Rus Garling, in their Opening Chorus.  
8.15 p.m.—ERNEST ARCHER, tenor:  
"Silver Threads Among the Gold."  
8.20 p.m.—Just a little dance: Fox Trot.  
8.25 p.m.—MAIDA JONES, soprano:  
"Sweet Child."

8.30 p.m.—A "SPARKLERS" Sketch.  
8.40 p.m.—PEGGY DUNBAR, contralto:  
"Old Folks at Home."  
8.44 p.m.—BRUNTON GIBB:  
Humoristics.  
8.50 p.m.—WILFRID THOMAS, basso:  
"In Cellar Cool."  
8.54 p.m.—CHARLES LAWRENCE:  
A few more laughs.  
9 p.m.—A "SPARKLERS" Sketch.  
"Radio in 1925."  
9.20 p.m.—MAIDA JONES, soprano:  
"Bluebird."  
9.24 p.m.—PEGGY DUNBAR, contralto:  
"Oh, Promise Me."  
9.28 p.m.—RUS GARLING:  
Burlesque. "The Wireless Handicap."  
9.32 p.m.—What! Another Dance? Certainly.  
9.37 p.m.—ERNEST ARCHER, tenor:  
"Kathleen Mavourneen."  
9.40 p.m.—Odd Sparkles by the "SPARKLERS."  
9.43 p.m.—A few words from "Jerry."  
9.47 p.m.—Another little chorus; then Good-night!  
10 p.m.—"Big Ben."  
THE CRYSTAL PALACE THEATRE ORCHESTRA.  
10.10 p.m.—ERNEST ARCHER, tenor.  
10.14 p.m.—MAIDA JONES, soprano.  
10.17 p.m.—THE CRYSTAL PALACE THEATRE ORCHESTRA.  
10.30 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:  
Popular numbers.  
11.45 p.m.—National Anthem.  
Close down.

## 2BL, SYDNEY

## Saturday.

## EARLY MORNING SESSION.

7 a.m.—G.P.O. Clock and chimes. Metropolitan Weather forecast.  
7.2 a.m.—State weather report.  
7.4 a.m.—News from "Daily Telegraph" Pictorial.  
7.15 a.m.—G.P.O. Clock and chimes. Fruit Market Report.  
7.18 a.m.—Vegetable Market report.  
7.20 a.m.—Australian Mercantile Land and Finance Co.'s Report.  
7.24 a.m.—Dairy and Farm Produce Market report.  
7.26 a.m.—Poultry Market Report.  
7.30 a.m.—G.P.O. Clock and chimes. Musical programme from Studio.  
7.36 a.m.—News from "Daily Telegraph" Pictorial.  
7.41 a.m.—Boats in call by wireless.  
7.43 a.m.—Mail information, shipping arrivals and departures and port directory.  
7.45 a.m.—G.P.O. Clock and chimes. News from "Daily Telegraph" Pictorial.  
8 a.m.—G.P.O. Clock and chimes. Close down.  
MORNING SESSION.

11 a.m.—G.P.O. Clock and chimes. Musical programme from the Studio.  
11.15 a.m.—Social Notes by Mrs. Jordan. Talk on "Cooking for Children" by Mrs. Jordan.

## AFTERNOON SESSION.

12 noon.—G.P.O. Clock and chimes. Special Ocean Forecast and weather report.  
12.45 p.m.—News from the "Sun."  
12.55 p.m.—Sporting and athletic fixtures.  
1.05 p.m.—Whats on at the Pictures and Theatres.  
1.20 p.m.—Musical programme from the Studio.  
1.45 p.m.—News from the "Sun."  
1.50 p.m.—Racing Results.  
1.55 p.m.—Musical programme from studio.  
1 p.m.—G.P.O. Clock and chimes. Musical programme from the studio.  
1.15 p.m.—Sporting talk and athletic fixtures for the day: Lacrosse, Hockey, Tennis, Football, Sailing, Boating.

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.  
2 p.m.—G.P.O. Clock and chimes. Serial Story.  
2.15 p.m.—Musical programme from studio.  
2.25 p.m.—Racing Results.  
2.30 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.

2 p.m.—G.P.O. Clock and chimes. Racing Results.  
2.30 p.m.—Close down. . .

## EARLY EVENING SESSION.

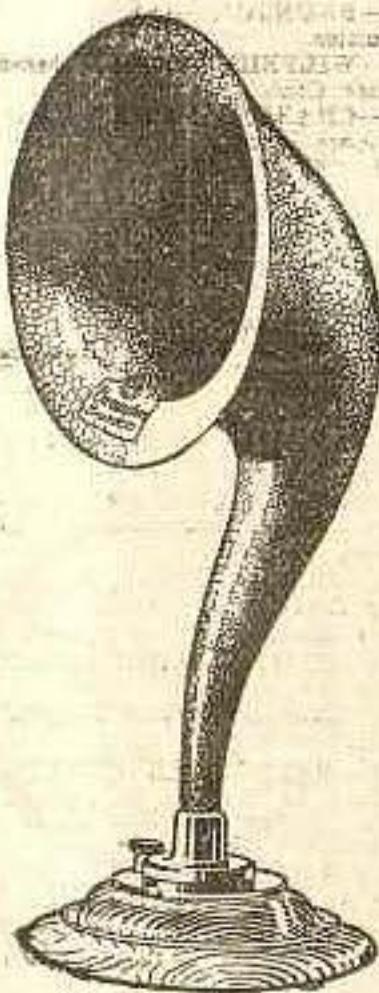
3.45 p.m.—G.P.O. Clock and chimes. Uncle George and the Kiddies.  
3.50 p.m.—Musical programme from the Studio.  
3.55 p.m.—Results of all sporting information including Racing, Bowls, Tennis, Athletics, by courtesy of the "Sun."  
3.58 p.m.—Country News from the "Sun."  
4 p.m.—G.P.O. Clock and chimes. Broadcasters Topical Chorus. Sporting programme.  
3.30 p.m.—Studio items by the following artists: Mr. Dudley Helmrich (baritone). Miss Hilda Walker (soprano). Broadcasters Trio.  
3.35 p.m.—The Ambassadors Dance Band broadcast from the ballroom of the Ambassadors. During intervals between dances "Sun" news will be broadcast.  
12 midnight.—G.P.O. Clock and chimes.

## 3LO, MELBOURNE.

## Saturday

## MORNING SESSION.

11.37 a.m.—ETHEL FORSHAW, Soprano:  
"The Wind's in the South To-day" (Scott).  
"The Birth of Morn" (Leoni).  
11.44 a.m.—STATION TRIO:  
Trio by Herlin.  
11.54 a.m.—SIDNEY BURCHALL, Baritone:  
"The Grenadier" (Coates).  
"What a Wonderful World it Would Be" (Loehr).  
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; Router's and the Australian Press Association Cables; "Argus" News Service.  
12.20 p.m.—STUDIO ORCHESTRA:  
"Maytime" (Hemberg).  
12.30 p.m.—ELSIE BOWERS AND BILLY RUTHERFORD:  
Duet, Study of an American Negro, "Love-sick Blues."  
Piano Solo by Elsie Bowers. Different Ways and Styles of Playing "All Those Endearing Young Charms."  
Duet, "It's a Good Thing Cows Don't Fly."  
12.40 p.m.—Stock Exchange Information.  
12.45 p.m.—STUDIO ORCHESTRA:  
"Value Parisienne."  
12.50 p.m.—ETHEL FORSHAW, Soprano:  
"Wayfarers' Night Song" (Martin).  
"Wainata Poi" (Maori Song). (Hill).  
12.57 p.m.—AGNES FORTUNE, Piano:  
"The Prophet Bird" (Schumann).  
1.7 p.m.—Meteorologist. Information: Shipping Intelligence: 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.  
1.15 p.m.—SIDNEY BURCHALL, Baritone:  
"Joggin' Along the Highway" (Samuel).  
"One Little Dream of Love" (Gordon).  
1.22 p.m.—FOSTER AND NEEDHAM:  
Frank Foster, "Tis the Day" (Loewy).  
Robert Needham, "Drake Goes West" (Sanderson).



## The Brandes Brandola

Here is a true reproducer at a very medium price of 90/-.

Designed and constructed by Brandes Ltd. who have been making reproducers for twenty (20) years,

it is a reproducer worth listening to. Everything a speaker should be, at a price within reach of every set owner,

90/. Its beauty, its ability to handle large volume all these can only be realised by hearing it.

**International Radio Co., Ltd.,**

**200 Castlereagh Street  
Sydney**

1.15 p.m.—Description of Crimean Trial, 4 furlongs, V.A.T.C., CAULFIELD, by "Musket," of the "Sporting Globe."  
 1.25 p.m.—STUDIO ORCHESTRA:  
 "Serenata" (Reiser).  
 "Little Coquette."  
 1.42 p.m.—CAPTAIN DONALD MACLEAN, Pirates and More Pirates.  
 2.0 p.m.—Close Down.  
 2.25 p.m.—Description of Wigan Steeplechaser's Flat Race, 1 mile 7 furlongs, 65 yards, V.A.T.C., CAULFIELD, by "Musket," of the "Sporting Globe."  
 2.30 p.m.—Close Down.  
 2.40 p.m.—LEAGUE FOOTBALL, CARLTON v. GEELONG, at Carlton. Description by Mr. Rod McGregor.

## AFTERNOON SESSION.

2.5 p.m.—Description of Australian Harness, 3½ miles, V.A.T.C., RACES, at CAULFIELD, by "Musket," of the "Sporting Globe."  
 2.5 p.m.—Opening of St. Mark's Social Settlement, Fitzroy, by His Excellency the Governor, Lord Somers.  
 2.20 p.m.—LEAGUE FOOTBALL, CARLTON v. GEELONG, at Carlton. Description by Mr. Rod McGregor (Quarter Time).  
 2.30 p.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS:  
 "Sun, the Old American Man" (Donaldson).  
 "The More We Are Together" (Campbell).  
 "The Cat" (Kahn).  
 2.40 p.m.—Description of Malstock Stakes, 9 furlongs, V.A.T.C., RACES at CAULFIELD, by "Musket," of the "Sporting Globe."  
 2.45 p.m.—Lieut. Huskisson Griller, famous Norwegian parachutist, will jump from an aeroplane at Essendon, which will be fully described.  
 3.0 p.m.—LEAGUE FOOTBALL, CARLTON v. GEELONG, at Carlton. Description by Mr. Rod McGregor. (Half Time).  
 4.10 p.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS:  
 "Climbing up the Ladder of Love." "The Original Black Bottom" (Bimbermont).  
 4.15 p.m.—Description of Mornington Steeplechase, 2 miles 3 furlongs, V.A.T.C., RACES at CAULFIELD, by "Musket," of the "Sporting Globe."  
 4.20 p.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS:  
 "I Didn't Know" (Swift).  
 "Rufuswady" (Barry).  
 "Perhaps You'll Think of Me" (Stone).  
 "Muddy Water" (De Rose).  
 "Canzile" (Berman).  
 "I'm On My Way Home" (Berlin).  
 "Chinese Moon" (Nussbaum).  
 4.25 p.m.—LEAGUE FOOTBALL, CARLTON v. GEELONG, at Carlton. Description by Mr. Rod McGregor. Three-Quarter Time.  
 4.30 p.m.—Description of Mornington Welter, 1 furlong, V.A.T.C., RACES, at CAULFIELD, by "Musket," of the "Sporting Globe."  
 4.35 p.m.—"Herald" News Service: Stock Exchange Information.  
 4.40 p.m.—LEAGUE FOOTBALL, CARLTON v. GEELONG, at Carlton. Description by Mr. Rod McGregor, of "The Sporting Globe". Final Session.  
 5.10 p.m.—Close Down.  
 5.30 p.m.—Sporting Results.

## EVENING SESSION.

6.00 p.m.—Answers to Letters and Birthday Greetings by "LITTLE MISS KOOKABURRA."  
 6.10 p.m.—FREDA NORTHCOOTE:  
 "My Treasure" (Trevalas).  
 "Children Asleep" (Moir).  
 6.15 p.m.—MISS M. SHEPHERD has some more strange stories for the children.  
 ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for to-day—  
 "Boys think it's smart to climb between ears and to steal rides. You know it's dangerous. Don't do it."  
 6.20 p.m.—"Herald" News Service: Weather Reports; Shipping Movements.  
 6.25 p.m.—Stock Exchange Information.

6.30 p.m.—Fish Market Reports by J. H. Borrett, Ltd., Rabbit Prices.  
 6.35 p.m.—River Reports.  
 6.45 p.m.—Market Reports; Official Report of Newmarket Sheep Sales by the Associated Stock and Station Agents, Bourke-street, Melbourne. Poultry, grain, hay, straw, juice, dairy produce, potatoes and onions.  
 7.0 p.m.—Market Reports of Fruit by the Victorian Fruitgrowers' Association compiled by "The Fruit World."

## NIGHT SESSION.

7.15 p.m.—MR. R. BAWSON will speak on "Esperanto."  
 7.30 p.m.—MR. F. CHAPMAN, of the National Museum: "Barnacles."  
 7.45 p.m.—A Story of a trip to Russia by an Australian—Part 4.  
 8.0 p.m.—NEWPORT WORKSHOPS BRASS BAND: (Conductor, A. Belches). Selection, "Mikado."  
 8.10 p.m.—ELSA STRALIA, Soprano: "Softly Awakes My Heart" (Saint Saens). "Angels Guard Thee" (Gounod).  
 8.15 p.m.—NEWPORT WORKSHOPS BRASS BAND: Waltz, "Cornflowers and Poppies" (Greenwood).  
 8.24 p.m.—MELBOURNE CHORAL UNION, Conducted by William G. James: Chorus, "Happy and Light," from "Bohemian Girl" (Balfe). "Janney Bands" (Moodie). "Come to the Fair" (Martin).  
 8.32 p.m.—MILDRED AND CONNIE: Song with Piano and Violin, "Sweet Little Lou." Accordion and Violin, Excerpt from "Slavonic Rhapsody." Accordion and Violin, "Only for You."  
 8.45 p.m.—NEWPORT WORKSHOPS BRASS BAND: March, "Torquato" (Bisetti).  
 8.50 p.m.—A TRAVELOGUE: "My Impressions of the Far East" by a Native of the West.  
 8.55 p.m.—NEWPORT WORKSHOPS BRASS BAND: Selection, "L'Allegrienne" (Bisetti).  
 8.58 p.m.—ETHEL FORSHAW, Soprano: "Winds in the Trees" (Goring Thomas). "The Elf-Man" (Walls).  
 9.05 p.m.—AGNES FORTUNE: Piano Recital.  
 9.15 p.m.—News Service.  
 9.15 p.m.—ETHEL FORSHAW, Soprano: "The Asia" (Rubinstein). "Only the River Running By" (Hopkins).  
 10.15 p.m.—NEWPORT WORKSHOPS BRASS BAND: March, "Song of the Wild" (Rimmer).  
 10.20 p.m.—ELSIK BOWER AND BILLY RUTHERFORD will sing once more: Duet, "One Smile." Duet, "Grandfather's Whiskers."  
 10.30 p.m.—NEWPORT WORKSHOPS BRASS BAND: Duet, "Siciliana" (Van Blom).  
 10.35 p.m.—POSTER AND NEEDHAM: Frank Foster, "Another Girl I'm Fond of" (Bennett). Duet, "Blessed" (Balfe). Robert Needham, "At My Lady's Feet" (Jones).  
 10.45 p.m.—Late Sporting Announcements: THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE: FOR TODAY is for CHILDREN: "Boys think it's smart to climb between ears and to steal rides. You know it's dangerous. Don't do it."  
 10.55 p.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS:  
 "Every Little Thing" (Spencer). "You've Got to Black Shuffles" (Sparkes).  
 11.0 p.m.—OUR GREAT THOUGHT:  
 "Next to knowing when to seize an opportunity, the most important thing in life is to know when to forego an advantage."—Benjamin Franklin.  
 11.15 p.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS.  
 11.30 p.m.—GOD SAVE THE KING.

## 3AR, MELBOURNE

## Saturday.

MORNING NEWS SESSION—11 to 12 Noon.  
 MIDDAY CONCERT SESSION—12.1 to 1 p.m.  
 Transmitted from Panatope House, 232 Collins Street (by exclusive permission of Wills and Paton, Ltd.), on the Brunswick Panatope.

## MATINEE SESSION.

## ORCHESTRAL CONCERT.

Sports Results: During the afternoon progressive Sports Results will be given as they come to hand. Caulfield Races will be broadcasted as soon as the result of each event is declared.

2.30 p.m.—Studio Orchestra.

2.40 p.m.—The Melodique Four:

Mr. Wm. Daniels, tenor; Mr. Bobt. Allen, alto; Mr. Ralph Thompson, baritone; Mr. Jim Scott, bass: "In Arches" (Buck).

2.45 p.m.—Studio Orchestra.

2.50 p.m.—The Melodique Four, assisted by the Studio Orchestra (solos, Mr. William Daniels): "In a Monastery Garden" (Kotterley).

2.55 p.m.—Studio Orchestra.

2.58 p.m.—Mr. Herbert Pettifer, violin: "Carries" (Monti).

3.00 p.m.—Mr. Thompson and Mr. Scott: Duet, "Tell her I love her so" (de Foye).

3.05 p.m.—Studio Orchestra.

3.10 p.m.—Mr. Donald Brearley, cello: "Air for G-String" (Bach).

3.15 p.m.—Mr. Daniels and Mr. Scott: Duet, "Fickle-hearted Mimi" from "La Boheme" (Puccini).

3.18 p.m.—Studio Orchestra.

3.20 p.m.—G.P.O. Clock says "Four."

3.25 p.m.—Studio Orchestra.

3.30 p.m.—The Melodique Four: "Far Away" (Bilbie).

3.35 p.m.—Studio Orchestra.

3.40 p.m.—The Melodique Four: "Mosquitoes" (Bilbie).

3.45 p.m.—Studio Orchestra: "La Source" Ballet (Delibes).

3.50 p.m.—To-night's Entertainment.

3.55 p.m.—G.P.O. Clock says "Five."

Close down.

## CHILDREN'S SESSION.

4.30 p.m.—"Uncle Mac's" Entertainment.

## EVENING SESSION.

## COMMERCIAL TRAVELLERS' ANNIVERSARY CONCERT.

Broadcasted from the Great Hall of the Commercial Travellers' Club, Melbourne. Studio Master, Mr. Stephen McDonald.

7.30 p.m.—Everyman's Garden: Special Weekend Talks by Mr. W. R. Warner, President of the Nurseriesmen's and Seedsmen's Association of Victoria.

7.45 p.m.—Market reports.

Notice.

To-day's sporting results.

8.00 p.m.—G.P.O. Clock says "Eight."

8.15 p.m.—Community Singing: The Company: Mr. Charles Nightingall and his Song Birds will lead the assembled Travellers along the road of song. All Australia may join in the Chorus.

At the conclusion of the Smoke-night Concert, we shall cross over to Leggett's Ballroom for an hour's dancing.

10.30 p.m.—To-morrow's Entertainment.

10.35 p.m.—An Australian Good-night Thought:

"Give us from dawn to dark  
 Blue of Australian skies,  
 Let there be more to mark  
 Whither our pathway lies."  
 —From "The Bush" (J. L. Cuthbertson).

11.00 p.m.—G.P.O. Clock says "Eleven."  
 God Save the King."

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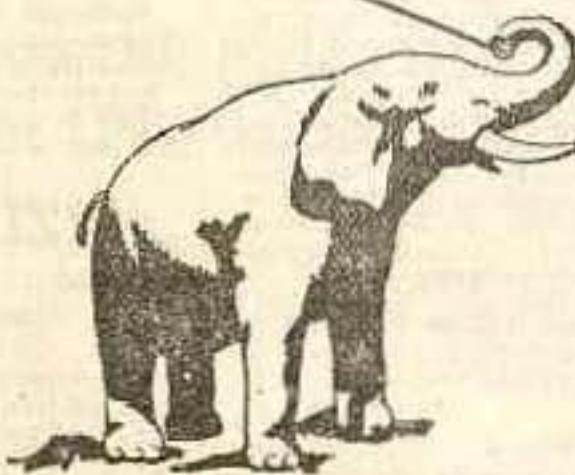
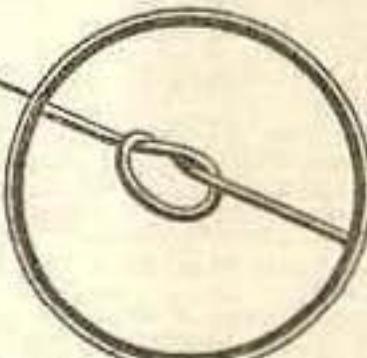
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## 4QG, BRISBANE

Saturday.

## NOON DAY TRANSMISSION.

## AFTERNOON SESSION.

2.10 p.m.—A Matinee for little listeners by "Miss Sarah."

4.45 p.m.—Close down.

## EARLY EVENING SESSION.

6.15 p.m.—Lecture: "The French Foreign Legion"—by Comte de Tournauer.

6.30 p.m.—Bedtime stories by Uncle Ben.

7.15 p.m.—Hearing results.

7.20 p.m.—To-day's football play described.

7.30 p.m.—Hitting notes by Mr. F. Smith.

## NIGHT SESSION.

## A VISIT TO SACHS' FACTORY.

Tonight's programme will take the form of a visit to the factory of Messrs. E. Sachs & Co., Valley.

## FROM SACHS' FACTORY—

8 p.m.—A description of the foundry—of nail making, and of galvanising.

## FROM SACHS &amp; CO.'S OFFICES—

9 p.m.—A musical programme, including—Instrumental, "Fun in Dahomey" (Grimshaw), the White Coon Banjo Band; contralto solo, "Waters of Minnetonka" (Listerian), Miss Laura Loch; harp solo, "Autumn" (Ghoshan), Mrs. J. M. Corrigan; baritone solo, "Mulesteer of Malaga" (Trotter), Mr. A. N. Falk; tenor solo, "Mountain Lovers" (Squire), Mr. J. Land; instrumental, "Sunflower Dance" (Turner), the White Coon Banjo Club; soprano solo, "Sing Merrily To-day" (Phillips), Miss Dolly Burgess; bass solo, "Father O'Flynn," Mr. Stanley Tamblyn; harp solo, "Home, Sweet Home," Mrs. L. M. Corrigan; baritone solo, "Nirvana" (Adams), Mr. A. N. Falk; contralto solo, "I'm Longing for You," Miss Laura Loch; tenor solo, "An Evening Song" (Blumenthal), Mr. J. Land; instrumental, "Hammond Cakewalk" (Osman), the White Coon Banjo Club; bass solo, "The Admiral's Yarn" (Rutens), Mr. Stanley Tamblyn.

## FROM THE STUDIO—

11 p.m.—"The Sunday Mail" news.  
Close down.

## 5CL, ADELAIDE.

Saturday.

## AFTERNOON SESSION.

1 p.m.—Broadcast a running description of the Gairdner Races, S. A. League Football Results and Interstate Sporting.

2.15 p.m.—(Approximately) Broadcasting final scores of all S. A. League Football matches and results of racing.

## EVENING SESSION.

6 p.m.—Chimes.

6.1 p.m.—Hearst Concert Gardens—Dinner Music.

6.30 p.m.—Children's time with Uncle Radio and Little Jack.

7.25 p.m.—Stock Exchange Intelligence.

7.30 p.m.—Market Reports, Sporting information, Automobile Association bulletins.

8 p.m.—Chimes.

8.1 p.m.—Relay from Glenelg: Maison De Danse, In a programme of special Dance music.

Artists assisting:

Gill Evans (tenor).

Lionel Clark (baritone).

Winton Hembridge (violin).

4.45 p.m.—Talk by Mr. F. J. Mills, Violet Memory Day.

9.1 p.m.—Weather Bulletin and Dalgety's wheat report.

9.3 p.m.—Maison De Danse Band.

10 p.m.—Sporting information and announcements.

10.15 p.m.—Musical items from the Studio.

10.30 p.m.—Maison De Danse Band.

11.45 p.m.—Tomorrow's programme, Station announcements, National Anthem.

## 6WF, PERTH.

Saturday

12 noon—Tune in.

12.45 p.m.—Musical Programme, including Pianoforte Selections by MISS EVELYN WILLIE, A.R.C.M.

12.47 p.m.—Market Reports, supplied by the Westralian Farmers, Limited.

First Local News Bulletin, supplied by the "West Australian" Newspaper Co.

Cables, supplied by the Australian Press Association.

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.—Close down.

3.15 p.m.—Tune in.

3.19 p.m.—Football Results, Quarter time Scores; also Racing Results at intervals. Selected musical items.

3.19 p.m.—Close down.

4.45 p.m.—Tune in.

4.50 p.m.—Uncle Perry and Bag with "The Radio Bird."

5.10 p.m.—Sporting Results.

5.20 p.m.—Local News Bulletin, supplied by "The West Australian" Newspaper Co.

Ships in range, and weather forecast.

5.45 p.m.—Talk.

6 p.m.—Time Signal from Perth Observatory.

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

6.2 p.m.—MUSICAL PROGRAMME FROM THE STUDIO.

(Including vocal Artists.)

6 p.m.—Late News, supplied by courtesy of "The Daily News" Newspaper Co.

Weather forecast.

Ships in range.

10.30 p.m.—Close down.

## 7ZL, HOBART

Saturday.

## MORNING SESSION.

11 a.m. to 12 noon.

## AFTERNOON SESSION.

2 p.m.—G.P.O. Clock Chimes.

2.1 p.m.—Tune in Selection.

2.5 p.m.—Hobart Stock Exchange Quotations, Weather information, Items of interest, Announcements. Musical items from the Studio.

4 p.m.—Bridge Instruction—Lesson 4.

4.30 p.m.—Close down.

## EARLY EVENING SESSION.

6.30 p.m.—Children's Corner, "Uncle Hector" talks to the children.

7 p.m.—"Big Brother" chats to his Pals.

## NIGHT SESSION.

7 p.m.—Musical Selection.

7.15 p.m.—Talk by Mr. Oscar J. Collidge, "Preference to Tasmania's trade by Tasmanians."

7.30 p.m.—"Mercury" Special Tasmanian news service, and Sporting results, Weather information. Hobart Stock Exchange quotations.

8 p.m.—G.P.O. Clock Chimes.

8.15 p.m.—Items from the Studio.

8.30 p.m.—Dance numbers, by Mr. Sheppard's Trio, from Imperial Hotel, Hobart. Items interspersed from the Studio.

10.30 p.m.—British Official Wireless news, Weather information. Station announcements.

Sunday, August 7  
2FC, SYDNEY.

10.30 a.m.—Programme announcements.

11 a.m.—"Big Ben."

FROM ST. MARY'S CHURCH OF ENGLAND, WAVELEY:

The Church Parade Service, conducted by the REV. NORTH ASH.

12.15 p.m.—News items from the Studio.

12.30 p.m.—Close down.

## AFTERNOON SESSION.

2 p.m.—"Big Ben," and programme announcements.

2.3 p.m.—MISCHA DOHRINSKI, violinist:

- (a) "Swing Song" (Barney).
- (b) "Habanera" (Barasate).

2.45 p.m.—CAPTAIN FRED AARONS on the Story of the Newspaper.

2.55 p.m.—MISCHA DOHRINSKI, violinist:

- (a) "Andantino" (Maurice-Kreisler).
- (b) "Siciliano and Rigauden" (Frances-Kreisler).

3.15 p.m.—FROM ST. ANDREW'S CATHEDRAL, SYDNEY:

Organ Recital by DR. T. HAIGH:

- 1. "Sonata No. 1" (Gulmant).
- 2. "Andante" (Mozart).
- 3. "Rigaudon" (Raaff).

4 p.m.—"Big Ben" and Studio items.

4.45 p.m.—CONTINUATION OF THE ORGAN RECITAL BY DR. T. HAIGH, from St. Andrew's Cathedral:

- 4. "Fantasie and Fugue" (Liszt).
- 5. "Chaconne" (Purcell).
- 6. (a) "Ave Maria" (Henselt).
- (b) "Andante" (Boely).
- 7. "Allegro in G Minor" (Widor).

4.50 p.m.—FROM THE STUDIO:

Mr. W. F. Jackson will continue his talks on Modern Dramatists and Writers, dealing this afternoon with EUGENE O'NEILL.

4.55 p.m.—Close down.

## NIGHT SESSION.

5 p.m.—"Big Ben," and programme announcements.

5.15 p.m.—A STRING QUARTETTE in a programme arranged by HENK VREEDE:

"1st Movement Mozart A Major": Clarinet Quintet:

- 1st Violin, Miss Blodwen Hill.
- 2nd Violin, Mr. Leonard Brewer.
- Viola, Miss Florence Forshaw.
- Cello, Miss Rosamund Cornford.
- Clarinet, Henk Vreede.

5.15 p.m.—ELEANOR STANTON, vocalist:

- "Sandyman" (Irrahms).

5.17 p.m.—"1st Movement Beethoven Trio No. 4": Clarinet, Henk Vreede.

- Cello, Rosamund Cornford.
- Piano, Edna Burke.

5.25 p.m.—Violin solo:

MISS BLODWEN HILL.

5.27 p.m.—CLARINET QUINTET:

- "Larghetto" (from Mozart).

5.31 p.m.—ELEANOR STANTON, vocalist:

- "The Ships of Arady."

5.37 p.m.—"Adagio from Beethoven Trio No. 4".

5.42 p.m.—Violin solo:

MISS BLODWEN HILL.

5.46 p.m.—CLARINET QUINTET:

- "Minuet and Trio" (Mozart).

5.53 p.m.—ROSAMUND CORNFORD, cello solo:

- "Old Swedish Air" (Squire).

6.36 p.m.—"Theme and Variations from Beethoven Trio No. 4."

6.4 p.m.—ELEANOR STANTON, vocalist:

- "Leaves and the Wind" (Leon).

7.7 p.m.—"Theme and Variations" (Mozart): Clarinet Quintet.

7.15 p.m.—FROM ST. JAMES' CHURCH, PHILLIP STREET, SYDNEY:

Evening Service, conducted by REV. P. A. MICHAEL.

8.30 p.m.—FROM THE STRAND THEATRE, LEICHARDT:

A programme by the Leichhardt District Band:

- Song, "The Wind in the South" (Scott).
- ELISIE PEERLESS, soprano.
- Violin solo, "Heire Katu" (Hubay).
- EILEEN CRUILLIN, March, "Punchinello" (Rimmer).

THE LEICHARDT DISTRICT BAND:

- Overture, "Le Mason" (Auber).

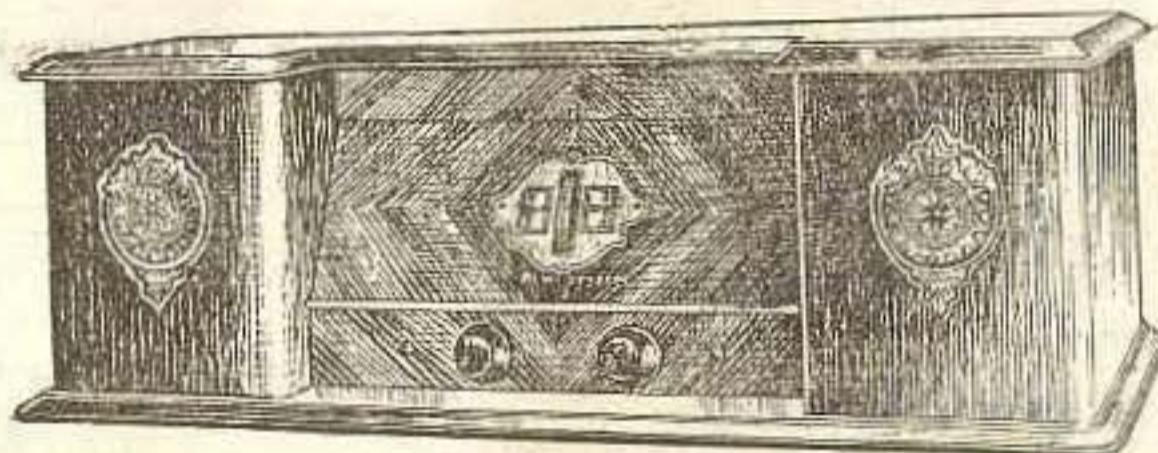
THE LEICHARDT DISTRICT BAND:

- Song, "The Longshoreman" (Chesham).
- EDWARD BARRY.

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8.1 p.m.—Hymn, (a) "Abide with Me" (Monk).  
 (b) "Sun of my Soul" (Ritter).  
**THE LEICHHARDT DISTRICT BAND.**  
 8.4 p.m.—Selection, "Il Trovatore" (arr. Round).  
**THE LEICHHARDT DISTRICT BAND.**  
 8.18 p.m.—Song, "One Spring Morning" (Neville).  
**MISIE PEERLESS**, soprano.  
 8.24 p.m.—Sophonium solo, "Land of Hope and Glory" (Elgar).  
**ALF RANDALL.**  
 8.32 p.m.—Violin solo, "Liebesfreud" (Kreisler).  
**EILEEN CRELLEN.**  
 8.38 p.m.—Selection, "Squire's Song" (arr. Hume).  
**THE LEICHHARDT DISTRICT BAND.**  
 8.48 p.m.—Song, "The Drums of Life" (Loehr).  
**EDWARD BARRY.**  
 8.54 p.m.—March, "The Pitman" (Greenwood).  
**THE LEICHHARDT DISTRICT BAND.**  
 10 p.m.—"Big Ben." National Anthem.  
 Close down.

**3LO, MELBOURNE**

Sunday.

## MORNING SESSION.

10.30 a.m.—Bells from St. Paul's Cathedral.  
 10.45 a.m.—Express Train information. British Official Wireless News from Rugby.  
**MORNING SERVICE FROM THE AUSTRALIAN CHURCH, RUSSELL STREET, MELBOURNE.**  
 Preacher, Dr. CHARLES STRONG.  
 Organist, Mr. Ch. Tuckwell.  
 Organ—Improvised.  
 Principals: Misses Corby and Hutton.  
 Messrs. Martin and Manger.  
 11 a.m.—Hymn 5 (Church Worship): "Peace and Goodwill."  
 Prayer at Morning Worship (Supplement p. 105).  
 Chant (Church Worship 30): "A Song of the Kingdom."  
 Scripture Reading.  
 Anthem 59, "O Love of God" (Barnby).  
 Scripture Reading.  
 Prayer ending L.P.  
 Hymn 42 (Supplement), "True Freedom."  
**ADDRESS:** "Neither Shall They Learn Fear any More."

Hymn 107 (Church Worship): "Not by Might."

Announcements.

Offering, "Salomé."

Anthem 48, "Lovely Aspear" (Gospod).  
 Benediction and Response.

Fugue in G (Bach).

12.10 p.m.—Close down.

## AFTERNOON SESSION.

2.15 p.m.—PRAHRAN CITY BAND:  
 March, "Wellington" (Zehle).  
 Prelude (Lachmannineff?).  
 Selection from the—  
 Ballet Music, "Coppelia" (Delibes).  
 Part Song, "Sweet and Low" (Pinsett).  
 Suite, "Rustic Scenes" (Hummer).  
 Overture, "Caliph of Bagdad" (Beldi).  
 March, "Deeds of Daring" (Rimmer).  
**PLEASANT SUNDAY AFTERNOON SERVICE** from WESLEY CENTRAL MISSION, LINDSAY ST.  
 Chairman, Rev. S. J. ROHAN, D.D.  
 Conductor, Mr. G. M. WILLIAMS.

3 p.m.—Orchestral Selection.  
 Hymn, "O for a Heart to Praise My God."  
 Prayer, Rev. C. IRVING RENSON.  
 Hymn, "Let Earth and Heaven Agree."  
 Solo, Mr. B. H. MITCHELL.

"The Green Hills of Somerset"  
 (Eric Coates).

Orchestral Selection.

Solo, Mr. B. H. MITCHELL.

"An Evening Song" (J. Blumenthal).

Notices.

Offering.

Orchestral Selection.

Address, Mr. H. S. GULLETT, M.H.R.

"The Housing of the People."

National Anthem.

Benediction.

4.30 p.m.—Close down.

## EVENING SESSION.

6.45 p.m.—Music from Studio.  
 7 p.m.—Lecture from Adyar Hall, by Professor Ernest Wood:  
 "Life after Death."  
 8 p.m.—Duet for two violins, with piano accompaniment:  
**DAN SCULLY, MONICA BORDER, ADA BROOK:**  
 1. "Romance" (Schumann).  
 2. "Enter aste pen Rosamunde" (arr. by Hansel).  
 3. "La Serenata" (Braga).  
 8.15 p.m.—Piano solo, ADA BROOK:  
 1. "Valse Brillant" (Chopin).  
 8.25 p.m.—Duet for two violins with piano accompaniment:  
**DAN SCULLY, MONICA BORDER, ADA BROOK:**  
 1. "Cavatina" (Raff).  
 2. "Enter aste pen Rosamunde" (arr. by Mark).  
 3. "Romance" (Erba).  
 8.40 p.m.—Talk.  
 9 p.m.—Close down.

You can Recharge a Philco for a few pence.

## NIGHT SESSION.

EVENING SERVICE FROM SCOTS CHURCH, COLLINS STREET, MELBOURNE.

Preacher, Rev. W. O. BORLAND, M.A., B.D.

11 p.m.—Psalm (Metrical Version), 43/3-8:

"O Send Thy Light forth."

Prayer.

Psalm 42, "As the Heart pants."

Old Testament Lesson: I Kings, 18/1-18.

Hymn 877, "Pleasant are Thy Courts."

Prayer of Intercession.

New Testament Lesson—Acts 17/1-8.

Anthem, "Plead Thou My Cause" (Mozart).

The Lord's Prayer (The congregation stands—  
 "Our will unite").

Sermon, Rev. W. BORLAND, M.A., B.D.

"SAFETY FIRST," St. Mark, 8/15.

Hymn 273, "Courage, Brother."

Intimations.

Offering.

Offertory.

Hymn 459/1-6, "Through the Night."

FROM THE STUDIO—

8.30 p.m.—Shipping information.

8.31 p.m.—STUDIO ORCHESTRA:

"In a Persian Market" (Ketayeb).

8.41 p.m.—BENDIGO ARION CONCERT PARTY—

## SONG CYCLE.

"IN A PERSIAN GARDEN"

(Liza Lehmann).

Quartette, "Wake! for the sun has scattered."

Tenor Solo, "Before the Phantom of false warning."

Recit. Bass, "Now the New Year."

Tenor Solo, "Iran indeed is gone."

Quartette, "Come Fill the Cup."

Bass Solo, "Whether at Naishpur or Babylon."

Contralto, "Ah, not a Drop."

Recit. solo, "I Sometimes Think."

Duet (soprano and tenor), "A Book of Verses."

Bass solo, "Myself when Young."

Bass Recit., "Ah, Make the Mist."

Contralto Solo, "When You and I"

Soprano Recit., "But if the Soul can Fly."

Soprano Solo, "I Sent My Soul."

Tenor Solo, "Alas, That Spring."

Contralto Solo, "The Worldly Hope."

Soprano Solo, "Each Moon = Thousand Roses."

Quartette, "They say the Lion and the Lizard Keep."

Tenor Recit., "Ah! Fill the Cup."

Tenor Solo, "Ah! Moon of my Delight."

Piano Solo, "As Then the Tulip for her morning Song."

Quartette, "Alas! that Spring should Vanish."

9.45 p.m.—"Argus" news service. Announcements.

THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for today is for

MOTORISTS—"Heed Road Signs. They are life-savers. Play fair in traffic. Await your turn."

9.52 p.m.—STUDIO ORCHESTRA:

Selection, "Indian Love Lullies."

10 p.m.—OUR GREAT THOUGHT:

"For yesterday is but a dream  
 And tomorrow is only a vision,  
 But today well lived makes  
 Every yesterday a dream of happiness  
 And every tomorrow a vision of hope."  
 From the Sanskrit.

11.1 p.m.—GOD SAVE THE KING.

**3AR, MELBOURNE**

Sunday.

## MORNING SESSION.

11 a.m.—Morning Service from Independent Church, Collins Street.

Preacher, Rev. Hugh Lovell, M.A., B.D.

## AFTERNOON SESSION.

STUDIO CONCERT.

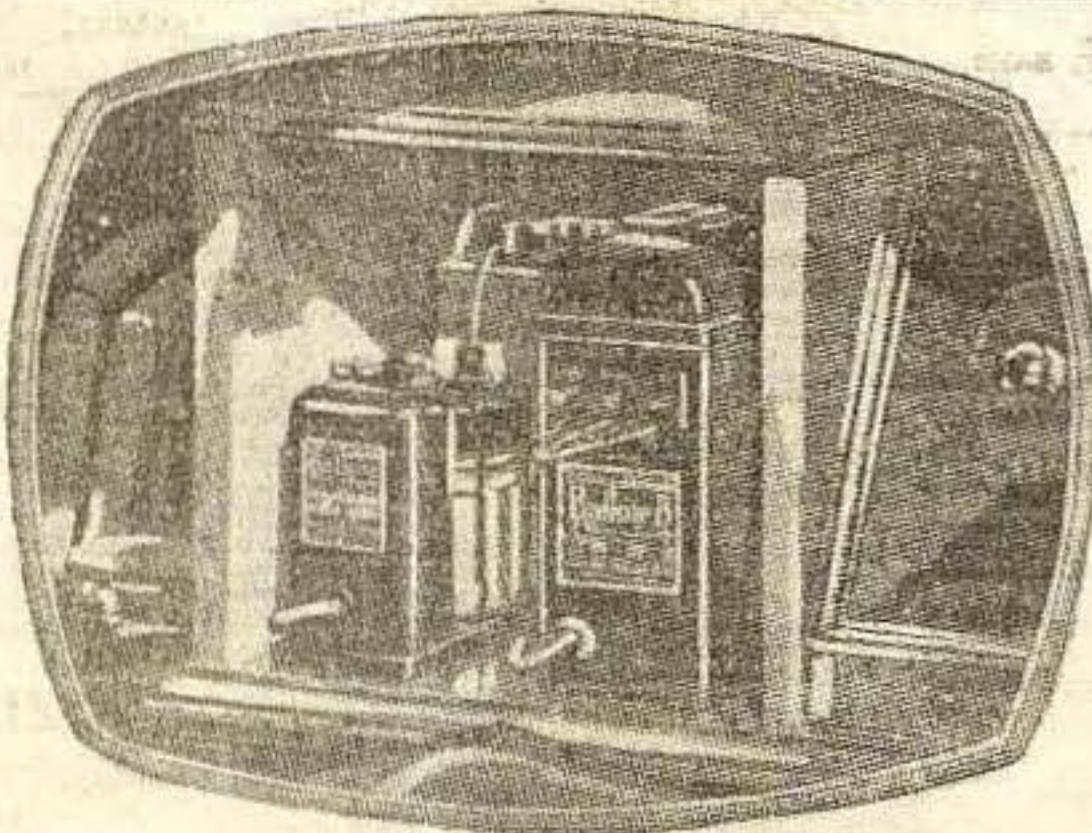
NORTHCOTE CITIZENS AND SOLDIERS' BAND.

5 p.m.—Methodist Band:

Overture, "Australia" (Balch).

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Battery  
Troubles*

*End  
Your  
Battery  
Troubles*



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W. E. PETERMAN, 160 Edward St., BRISBANE

8.12 p.m.—Mr. Percy Blundell, tenor: "Macbeth" (MacMurrrough).  
"Lie Domine a mobile" (Verdi).  
8.19 p.m.—Northcote Band: March, "Toddy's Own" (Greenwood).  
8.24 p.m.—Miss Elma Nieslon, soprano: "Praise God for Life made New" (Ward Stephens).  
"True" (Hushack).  
8.31 p.m.—Northcote Band: "Angels" (Nord).  
2.11 p.m.—Miss Linda Holdsworth, contralto: "He shall feed His flock" (Handel).  
"The Birth of Morn" (Leoni).  
2.18 p.m.—Northcote Band: Selection, "Les fleurs d'Australie" (Loach).  
2.25 p.m.—Mr. Percy Blundell, tenor: "Loch Lomond" (Kinsell).  
"Mary of Argie" (Nelson).  
4.5 p.m.—Northcote Band: Selection, "In Edinburgh Town" (Smith).  
4.17 p.m.—Miss Elma Nieslon, soprano: "My Prayer" (Squire).  
"All's Well" (Del Riego).  
4.24 p.m.—Northcote Band: Fantasia, "A Military Church Parade" (Home).  
4.30 p.m.—Close down.

## CHILDREN'S SESSION.

6 p.m.—Special Entertainment for the Children by "Ladybird."

## EVENING SESSION.

7 p.m.—Evening Service from Church of Christ, Swanston Street, Melbourne.  
Preacher: Dr. J. L. Brandt, LL.D.

## STUDIO CONCERT.

8.30 p.m.—Mr. Edward Beachcroft, tenor: "J'ai Plaire en ce" (Hilf).  
"Parlez" (Tosti).  
8.37 p.m.—Miss Augusta Poole, contralto: "Weeping for Ever" (Handel).  
"Four to the Clock" (Mallinson).  
8.44 p.m.—Mr. Clifton Binks, elocutionist: Selection from "The Dreamer" (Hall Caine).  
8.51 p.m.—Mr. Edward Beachcroft, tenor, and Mr. John Hobbs, baritone: Duet, "Solenne in Questura" (Destine).  
8.54 p.m.—Miss Hazel Follett, soprano: "With Verdure Glad" (Haydn).  
"A Persian Song of Spring" (McBurney).  
9 p.m.—Mr. John Hobbs, baritone: "Pass Everyman" (Sanderson).  
"The Old Shepherd" (Sanderson).  
8.5 p.m.—Miss Violet Wood, piano: "Pierrette" (Chaminade).  
"Ondine" (Rahmbein).  
8.15 p.m.—Miss Augusta Poole and Mr. John Hobbs: Duet, "Good Luck and Bad" (Squire).  
8.18 p.m.—Mr. Edward Beachcroft, tenor: "La domine a mobile" (Verdi).  
"I be hopin' you remember" (Con. Clarke).  
8.23 p.m.—Miss Augusta Poole, contralto: "Just a'wearnin' for You" (Jacobs Bond).  
"O Western Wind" (Brake).  
8.30 p.m.—Mr. Clifton Binks, elocutionist: "His first long trousers" (Anon.).  
"Rose" (Anon.).  
8.36 p.m.—Miss Hazel Follett, soprano: "Angels ever bright and fair" (Handel).  
"The Cuckoo" (Lehmann).  
9.42 p.m.—Mr. John Hobbs, baritone: "Tori of Malmesbury" (Grant).  
"When you're away" (Sanderson).  
9.45 p.m.—"Age" News Bulletin.  
9.51 p.m.—To-morrow's Entertainment.  
9.59 p.m.—An Australian Good-night:  
"Men have gone on holiday;  
Have left the still, suburban street  
For that wild park, where people meet  
In pleasure till the eve is grey.  
Oh, but the home-coming is sweet."  
—From "Empty Homes"  
(Mary Colborne-Voel).  
10 p.m.—"God Save the King."

## 4QG, BRISBANE.

## Sunday.

## MORNING SESSION.

## ALBERT STREET METHODIST CHURCH.

The complete morning service will be relayed from the Albert Street Methodist Church.  
FROM ALBERT STREET METHODIST CHURCH.

11 a.m.—Morning service.

12.30 p.m.—Close down.

## AFTERNOON SESSION.

## THE FEDERAL BAND.

The Concert by the Federal Band (conductor, Mr. W. H. Davis) will be relayed from the Botanic Gardens.

## FROM THE BOTANIC GARDENS.

2.15 p.m.—March, "Entry of the Gladiators" (Enzik); overture, "Don Giovanni" (Mozart); extracts, "Crescentide" (Lassen), euphonium solo, "Annie Laurie" (Rimmer); selection, "Southern Melodies" (King); fox-trot, "Red Red Robin" (Woods); hymns, selected (Home); march, "Arabian" (Rimmer).

4.30 p.m.—Close down.

## NIGHT SESSION.

## ALBERT STREET METHODIST CHURCH.

The complete evening service will be relayed from Albert Street Methodist Church.

## FROM ALBERT STREET METHODIST CHURCH.

7 p.m.—Children's Session.

7.30 p.m.—Evening service.

8.30 p.m.—Conclusion.

## BAND CONCERT.

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

8.30 (approx.)—Band Concert.

9.30 p.m.—Close down.

## 5CL, ADELAIDE.

## Sunday

## MORNING SESSION.

11 a.m.—Chimes.

11.1 a.m.—Relay Divine Service from the Pirie Street Methodist Church, Preacher Rev. J. G. Jenkins.

## AFTERNOON SESSION.

2.30 p.m.—Relay from the Adelaide Town Hall, Organ Recital by Mr. Knox.

3 p.m.—Relay from the Adelaide Town Hall, Violet Memory Day Service.

## EVENING SESSION.

6.30 p.m.—Chimes.

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

6.35 p.m.—Sunday Stories by Uncle Radio.

7 p.m.—Relay from the Black Forest Baptist Church—Divine Service, Preacher, Rev. Keith Steward.

8.10 p.m.—(approx.) From the Studio, Railways Institute Orchestra.

8.20 p.m.—Linda Wald, soprano, Selected.

8.25 p.m.—Railways Institute Orchestra.

8.30 p.m.—Linda Wald, soprano, Selected.

8.44 p.m.—Railways Institute Orchestra.

9 p.m.—Meteorological information and weather forecast.

9.3 p.m.—Mr. P. H. Nichols will talk—Subject, "Fest."

9.45 p.m.—Railways Institute Orchestra.

9.50 p.m.—Linda Wald, soprano, Selected.

9.55 p.m.—Railways Institute Orchestra.

9.56 p.m.—H. W. Durdin, basso, Selected.

9.58 p.m.—H. W. Durdin, basso, Selected.

9.59 p.m.—Railways Institute Orchestra.

10 p.m.—Chimes, Tomorrow's programme, Station Announcements, Weather Bulletin, National Anthem.

## 6WF, PERTH.

## Sunday.

10.45 a.m.—Tune in.

11 a.m.—Morning service relayed from ST. ANDREW'S PRESBYTERIAN CHURCH, St. George's Terrace, Perth.  
Preacher: REV. GEORGE TULLOCH.

12.30 p.m.—Tune in.

1.35 p.m.—Talk.

2.30 p.m.—Musical programme, including Pianoforte and Vocal items.

3 p.m.—Close down.

7 p.m.—Tune in.

7.30 p.m.—Bedtime Stories for the Children.  
7.30 p.m.—Evening Service, relayed from the SALVATION ARMY CITADEL, Pier Street, Perth.

8.45 p.m.—FROM THE STUDIO:

Talk, "The Dawn of a New Day," by Mr. R. Lasenby, of the International Bible Students' Association.

9 p.m.—Concert by the PERTH CITY BAND; conductor, MR. W. A. HALVORSEN.

10 p.m.—Close down.

## 7ZL, HOBART

## Sunday.

## MORNING SESSION.

11 a.m.—Church Services from Memorial Congregational Church.  
Preacher: Rev. Arthur C. Nelson.  
At conclusion of Church Service, Boat Express Information.  
12.15 p.m.—Close down.

## AFTERNOON SESSION.

3.30 p.m.—Pleasant Sunday Afternoon Concert  
4.30 p.m.—Close down.

## EARLY EVENING SESSION.

6.30-7 p.m.—"Big Brother" chats to His Pals.

## NIGHT SESSION.

7 p.m.—Service from Methodist Church, Hobart.  
Preacher: Rev. Robert Williams.  
At conclusion of Church Service Concert from the Studio—  
Mrs. Edward Bailey, L.A.B. (contralto).  
Miss Jessie Dill (Mezzo-soprano).  
Miss Joan Dodds (elocutionist).  
Miss Winnie Shield (pianist).  
Mr. Roy Sutcliffe (cornet solo).  
9.40 p.m.—"Mercury" special Interstate news service. British Official Wireless news. Weather forecasts. Station announcements. National Anthem.

## Monday, August 8

## 2FC, SYDNEY

## EARLY MORNING SESSION.

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

## MORNING SESSION.

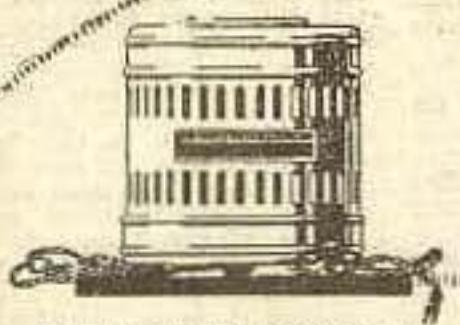
10 a.m.—"Big Ben" and announcements.  
10.5 a.m.—Studio music.  
10.15 a.m.—"SYDNEY MORNING HERALD" news service.

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# PHILIPS

10.30 a.m.—Studio music.  
10.35 a.m.—Last minute sporting information by the ZFC Racing Commissioner.  
10.45 a.m.—Studio music.  
11 a.m.—"Big Ben."  
Marching music for school children.  
11.5 a.m.—A.P.A. and Reuter's Cables.  
11.15 a.m.—A Reading.  
11.30 a.m.—Close down.

## MIDDAY SESSION.

12 noon—"Big Ben" and announcements.  
12.2 p.m.—Stock Exchange, first call.  
12.3 p.m.—Weather forecast, rainfall.  
12.5 p.m.—Studio music.  
12.10 p.m.—Summary of "Sydney Morning Herald" news service.  
Rugby wireless news.  
12.35 p.m.—Studio music.  
12.50 p.m.—Marching music for school children.  
12.40 p.m.—MARGOT LESCAUT, soprano: "Elégie" (Massenet).  
12.45 p.m.—THE OAK HALL INSTRUMENTAL TRIO (Leader, Mr. Horace Keats). (From Farmer's Tea Rooms.)  
12.55 p.m.—Studio music.  
1 p.m.—"Big Ben."  
Weather intelligence.  
1.30 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.  
1.30 p.m.—Marching music for school children.  
1.40 p.m.—MARGOT LESCAUT, soprano: "Lovers in the Lane" (Lehmann).  
1.45 p.m.—Studio music.  
1.50 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
2 p.m.—"Big Ben." Close down.

## AFTERNOON SESSION.

NOTE: FROM MARTIN PLACE, SYDNEY, at 1 o'clock p.m. and continuing through until 2 p.m., there will be heard music and speeches at the Dedication of the Soldiers' Memorial Cenotaph, which is being erected in Martin Place.  
2 p.m.—"Big Ben" and announcements.  
2.5 p.m.—Studio music.  
3.15 p.m.—A Talk from the Studio.  
3.30 p.m.—Marching music for school children.  
3.40 p.m.—FLORENCE GRANT, soprano: "The Dawn has a Song" (Phillips).  
3.45 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
3.55 p.m.—Studio music.  
4 p.m.—JEANETTE ROONEY, contralto: "The Carpet" (Sanderson).  
4.5 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
4.10 p.m.—DORIS CROSSMAN, contralto: "To a Miniature" (Brahms).  
4.14 p.m.—Studio music.  
4.17 p.m.—DOROTHY BENBOW, contralto: "The Sweetest Flower" (Hawley).  
4.20 p.m.—FLORENCE GRANT, soprano (from Farmer's Tea Rooms): "The Wind in the South" (Sextt).  
4.25 p.m.—THE OAK HALL TRIO (Leader, Mr. Horace Keats).  
4.30 p.m.—DORIS CROSSMAN, contralto: "My Dear Soul" (Sanderson).  
4.34 p.m.—Studio music.  
4.40 p.m.—JEANETTE ROONEY, contralto: "Quiet" (Sanderson).  
4.45 p.m.—Stock Exchange, third call.  
4.47 p.m.—DOROTHY BENBOW, contralto: "Sappho Ode" (Brahms).  
4.50 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA (Conductor, Mr. Cyril Maye).  
5 p.m.—"Big Ben." Close down.

## EARLY EVENING SESSION.

5.45 p.m.—The Chimes of ZFC.  
5.50 p.m.—The "Hello Man" talks to the children.  
6.30 p.m.—A serial story for the young folk.  
6.40 p.m.—Dinner music.  
7 p.m.—"Big Ben."  
Late sporting news.  
7.10 p.m.—Dalgety's market reports (wheat, wheat and stocks).

7.15 p.m.—Fruit and vegetable markets.  
7.17 p.m.—Weather and shipping intelligence.  
7.18 p.m.—"Evening News" late news service.

## NIGHT SESSION.

7.30 p.m.—Programme announcements.  
7.35 p.m.—Mrs. A. A. Holman in the second of a series of Travel Talks dealing with some beauty spots of Great Britain.  
7.40 p.m.—FROM HER MAJESTY'S THEATRE, SYDNEY:  
"Madame Pompadour".  
The Story of the Opera.  
7.45 p.m.—Her Majesty's Theatre Orchestra, conducted by Mr. Andrew MacCann, in the Overture to "Madame Pompadour".  
8 p.m.—"Big Ben."  
Excerpts from the production of "Madame Pompadour":  
Music by Leo Fall.  
Act I: Introduction and Ensemble, Arthur Elgort and Chorus.  
Song, "Carnival Time," Frank Webster and Ladies.  
8.10 p.m.—"MIKE" (from the Studio).  
8.11 p.m.—EDGAR WARWICK, in association with EILEEN DAWN, in the sixth and last sketch, entitled  
"CAUSE AND EFFECT."  
Scene: Mrs. Grafton's Drawing Room at 5.30 p.m.  
8.20 p.m.—JULES VAN DER KLEI, 'cello solo: "Scherzo" (Gounod).  
8.25 p.m.—FROM HER MAJESTY'S THEATRE: A foreword to the next item from "Madame Pompadour".  
8.27 p.m.—Duet, "By the Light of the Moon," sung by Beppie de Vries and Frank Webster.  
8.30 p.m.—FROM THE STUDIO:  
EDGAR WARWICK, in a short monologue.  
8.40 p.m.—EWART CHAPPLE, pianoforte solo: "Six Preludes" (Bealey).  
(A series of unpublished numbers by the well-known English Composer-Pianist.)  
8.45 p.m.—"Is it Your Birthday?"  
8.50 p.m.—FROM HER MAJESTY'S THEATRE: Foreword to the next item from "Madame Pompadour".  
8.55 p.m.—Finale to the first act of "Madame Pompadour" by the full Company.  
9 p.m.—"Big Ben."  
FROM THE STUDIO:  
Win and Windle, English entertainers; in a Radio Burlesque.  
9.5 p.m.—ALFRED CUNNINGHAM, baritone: "Whencever You Walk" (Handel).  
9.9 p.m.—"MIKE."  
9.10 p.m.—FROM HER MAJESTY'S THEATRE: Introduction and Ensemble to the second act of "Madame Pompadour" by the full company.  
9.19 p.m.—Duet, "Love's Sentry," Beppie de Vries and Frank Webster.  
9.20 p.m.—FROM THE STUDIO:  
Win and Windle, English entertainers, repeat their "Thought Reading" Act.  
9.24 p.m.—JULES VAN DER KLEI, 'cello solo: "Larghetto" (Mozart).  
9.28 p.m.—FROM HER MAJESTY'S THEATRE, SYDNEY:  
Foreword to the next item from "Madame Pompadour".  
9.40 p.m.—"Beretade"—"Madame Pompadour"—sung by Frank Webster and chorus of Soldiers.  
9.45 p.m.—FROM THE STUDIO:  
Win and Windle, English entertainers.  
9.50 p.m.—JULES VAN DER KLEI, 'cello solo: "In a Chinese Temple Garden" (Kreisler).  
9.54 p.m.—ALFRED CUNNINGHAM, baritone: "Pilgrim's Song" (Tchaikovsky).  
9.58 p.m.—Music Competition, No. 3, in which a number of musical instruments will be sounded and listeners invited to guess the actual articles used.  
10.1 p.m.—MONTGOMERY'S DANCE ORCHESTRA.  
10.4 p.m.—FROM HER MAJESTY'S THEATRE: Foreword to the next item from "Madame Pompadour".

10.9 p.m.—Finale to Act II of "Madame Pompadour" by the full Company.  
10.20 p.m.—FROM THE STUDIO:  
Jules Van der Klei, 'cello solo: "Brooks Melody" (Borne).  
10.27 p.m.—ALFRED CUNNINGHAM, baritone:  
(a) "Once I loved a Maiden Fair" (Old English).  
(b) "Be gone, Drill-Care" (Old English).  
10.33 p.m.—MONTGOMERY'S DANCE ORCHESTRA.  
10.40 p.m.—ALFRED CUNNINGHAM, baritone:  
"Rory o' More" (Old Irish).  
10.44 p.m.—MONTGOMERY'S DANCE ORCHESTRA.  
10.47 p.m.—Late news and announcements.  
11 p.m.—"Big Ben."  
MONTGOMERY'S DANCE ORCHESTRA until 11.50 p.m.  
11.55 p.m.—National Anthem.  
Close down.

## 2BL, SYDNEY

## Monday.

## EARLY MORNING SESSION.

7.0 a.m.—G.P.O. Clock and Chimes; Metropolitan Weather Forecast.  
7.2 a.m.—State Weather Report.  
7.4 a.m.—News from "Daily Telegraph Pictorial."  
7.10 a.m.—G.P.O. Clock and Chimes; Fruit Market Report.  
7.15 a.m.—Vegetable Market Report.  
7.20 a.m.—Dairy Farm Produce Market Report.  
7.22 a.m.—Poultry Market Report.  
7.24 a.m.—News Service.  
7.30 a.m.—G.P.O. Clock and Chimes; Musical Programme from Studio.  
7.35 a.m.—News from "Daily Telegraph Pictorial."  
7.41 a.m.—Boats in Call by Wireless.  
7.45 a.m.—Mail Information; Shipping Arrivals and Departures and Port Directory.  
7.48 a.m.—G.P.O. Clock and Chimes; News from "Daily Telegraph Pictorial."  
8.0 a.m.—G.P.O. Clock and Chimes; Close Down.

## MORNING SESSION.

10.30 a.m.—G.P.O. Clock and Chimes; Musical Programme from Studio.  
10.40 a.m.—News from the "Daily Telegraph Pictorial."  
10.50 a.m.—Musical Programme from the Studio.  
11.0 a.m.—G.P.O. Clock and Chimes; Announcements.  
11.5 a.m.—Musical Programme from the Studio.  
11.15 a.m.—Talk on "Tennis" by Miss Gwen Varley, Broadcasters' Women's Sports Authority; Social Notes—Replies to correspondence by Mrs. Jordan. Talk on "Dress for the Matron" by Bessie Dorrington.  
12 noon—G.P.O. Clock and Chimes; Special Ocean Forecast and Weather Report.  
12.30 p.m.—Musical Programme from the Studio.  
12.45 p.m.—Information; Mails, Shipping, and Port Directors.  
12.55 p.m.—Boats in call by Wireless.  
12.50 p.m.—Fruit Market Report.  
12.55 p.m.—Vegetable Market Report.  
12.54 p.m.—London Metal Market Report.  
12.56 p.m.—Dairy and Farm Produce Market Report.  
12.59 p.m.—G.P.O. Clock and Chimes; Foreign Market Report.  
12.55 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 Quartette, Direction, Garry Castling.  
1.0 p.m.—Dedication of the War Memorial, Martin Place, Sydney, by Mr. J. T. Lain, M.L.A.  
2.0 p.m.—G.P.O. Clock and Chimes; Close Down.

## AFTERNOON SESSION.

Bearing information broadcast immediately after each run by Courtesy of the "Sun."

# JAPAN!

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*"Weoana,"* HILLCDALE

June 23rd, 1927.

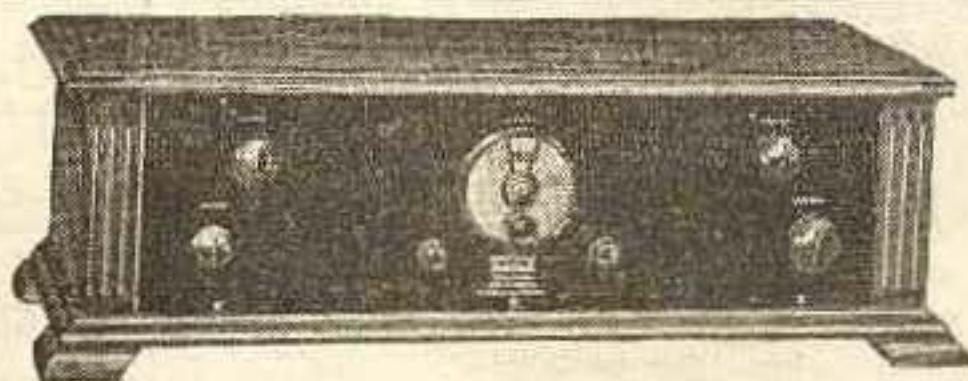
I have one of your Model L-5 Sets and it is going splendidly. I can highly recommend it to anyone. I have logged 21 stations on it, including 7 ZL Hobart, and I have also got Japan on it.

Yours faithfully,

LES. GARDNER.

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664 Bourke Street, MELBOURNE

109 Collins Street, HOBART

2.30 p.m.—G.P.O. Clock and Chimes; News from the "Sun."  
 3.15 p.m.—Musical Programmes from the Studio.  
 3.30 p.m.—G.P.O. Clock and Chimes; Talk on "The Great Composers."  
 4.0 p.m.—G.P.O. Clock and Chimes; Musical Programmes from the Studio.  
 4.15 p.m.—Serial Story.  
 4.30 p.m.—Musical Programmes from the Studio.  
 4.45 p.m.—News from the "Sun."  
 4.50 p.m.—Racing Results.  
 4.55 p.m.—Resume of Night's Programme.  
 4.58 p.m.—Announcements and What's On?  
 4.58 p.m.—Special Ocean Forecast.  
 5.0 p.m.—G.P.O. Clock and Chimes; Close Down.

## EARLY EVENING SESSION.

5.45 p.m.—G.P.O. Clock and Chimes; Uncle Bass and the Kiddies.  
 6.00 p.m.—Musical Programmes from the Studio.

## SPECIAL COUNTRY SESSION.

7.0 p.m.—G.P.O. Clock and Chimes; Australian Merchantile Land and Finance Co.'s Report; Weather Report and Forecast by courtesy of Government Meteorologist; Producers' Distributing Society's Fruit and Vegetable Market Report; Stock Exchange Reports; Grain and Fodder Report ("Sun"); Dairy Produce Report ("Sun").  
 7.15 p.m.—Country News from the "Sun."  
 7.30 p.m.—Talk on "Tennis" by Dr. McElhone.  
 8.0 p.m.—G.P.O. Clock and Chimes; Broadcasters' Topical Chorus.  
 8.3 p.m.—Sid Owen's Banjo Band.  
 8.10 p.m.—Miss Grace Quine (Descriptive Artist).  
 8.17 p.m.—The Newtown Band Broadcast from Industrial Hall, Newtown.  
 8.21 p.m.—Broadcasters' All-Sports' Expert will talk on General Sporting.  
 8.32 p.m.—Mr. Bernard Roberts (Humorist and Entertainer at the Piano).  
 9.0 p.m.—G.P.O. Clock and Chimes; Weather Report and Forecast by Courtesy of Mr. C. J. Marx, Government Meteorologist.  
 9.3 p.m.—Miss Pauline Harford-Foster (Soprano).  
 9.10 p.m.—Mr. Ronnie Rende (The Radio Jester).  
 9.17 p.m.—Miss Hilda Lane (Soprano).  
 9.24 p.m.—The Newtown Band.  
 9.44 p.m.—Mr. Harry Leech (Baritone).  
 9.51 p.m.—Sid Owen's Banjo Band.  
 9.58 p.m.—Resume of Following Day's Programme.  
 10.1 p.m.—Miss Grace Quine.  
 10.3 p.m.—Mr. Bernard Roberts.  
 10.15 p.m.—Miss Pauline Harford-Foster.  
 10.22 p.m.—Mr. Ronnie Rende.  
 10.29 p.m.—News Reports by Courtesy of the "Sun" Newspapers.  
 10.45 p.m.—Miss Hilda Lane.  
 10.52 p.m.—Mr. Harry Leech.  
 11.0 p.m.—G.P.O. Clock and Chimes; National Anthem.

## 2GB, SYDNEY

Monday.

## MORNING SESSION.

9 a.m.—Music.  
 9.15 a.m.—Cheerio Talk.  
 9.15 a.m.—Music.  
 9.25 a.m.—Psychological Class.  
 9.40 a.m.—Music.  
 9.45 a.m.—Health Talk.  
 10 a.m.—Close down.

## AFTERNOON SESSION.

1.30 p.m.—Music.  
 1.37 p.m.—Address, Mr. Walter Hunt.  
 1.52 p.m.—Music.  
 1.57 p.m.—Address, Mrs. M. McLennan.  
 2.22 p.m.—Music.  
 2.39 p.m.—Close down.

## EVENING SESSION.

6.30 p.m.—Children's Session.  
 7 p.m.—Music.  
 7.5 p.m.—Talk.  
 7.15 p.m.—Music.  
 7.29 p.m.—Address.

7.30 p.m.—Music.  
 7.45 p.m.—Address.  
 7.50 p.m.—Violin Solo, DAN SCULLY:  
 1. "Andante" (Mendelssohn).  
 2. "German Dance" (Dittersdorf).  
 8.0 p.m.—Address by Professor Ernst Wood.  
 8.20 p.m.—Songs by Rupert Marshall.  
 8.25 p.m.—An half-hour with the 2GB Instrumental Trio:  
 DAN SCULLY, MURIELLE LANG, ADA BROOK:  
 1. Trio (Armensky).  
 9 p.m.—Address by Mr. J. K. Powell.  
 9.15 p.m.—Cello Solo by MURIELLE LANG:  
 1. "Widmung" (David Popper).  
 2. "Gavotte" (Popper).  
 9.20 p.m.—Songs by RUPERT MARSHALL.  
 9.30 p.m.—Instrumental Quartet:  
 DAN SCULLY, MONICA HORDER,  
 MURIELLE LANG, ADA BROOK.  
 9.45 p.m.—Talk.  
 10 p.m.—Close down.

8.15 p.m.—MRS. D. SILK:  
 "Homemaking."  
 8.25 p.m.—STUDIO ORCHESTRA:  
 "Cobweb Castle," Part 1 (Lehmann).  
 8.32 p.m.—BOBBIE PEARCE, baritone:  
 "The Gamine" (Adams).  
 8.40 p.m.—ELSA STRALIA, soprano:  
 "Faith O'Hara" (D'Herblot).  
 8.45 p.m.—TANIA TIERNAN, cello:  
 "Abide With Me" (Liddle).  
 8.47 p.m.—ELSA STRALIA, soprano:  
 "There is no Death" (O'Hara).  
 8.54 p.m.—STUDIO ORCHESTRA:  
 "Cobweb Castle," Part 2 (Lehmann).  
 4.1 p.m.—BOBBIE PEARCE, baritone:  
 "Eileen Alannah" (Thomas).  
 "When the Great Red Dawn is Shining" (Sharpe).  
 4.11 p.m.—WALTER SMITH, cornet:  
 "The Alpine Rose" (Rimmer).  
 4.17 p.m.—ELSA STRALIA, soprano:  
 "My Liege Lady" (Phillips).  
 "Because" (D'Herblot).  
 4.24 p.m.—STUDIO ORCHESTRA:  
 "Serenade" (Herbert).  
 "Spring Lepora" (Vassella).  
 4.30 p.m.—MISS FLORA PELL, Inspector of Schools:  
 "Domestic Economy."  
 4.45 p.m.—"Herald" news service. Stock Exchange information.  
 5 p.m.—Close down.

## 3LO, MELBOURNE.

Monday

## MIDDAY SESSION.

12 noon—Time signal. British official news from Rugby. Reuter's and the Australian Press Association cables. "Argus" news service.  
 12.20 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS:  
 "Reaching for the Moon" (Davis).  
 "That's My Girl" (Davis).  
 "St. Louis Blues" (Handy).  
 12.30 p.m.—MILDRED and CONNIE, English Instrumentalists:  
 Piano and Violin—Song:  
 "Cutey's Due."  
 Banjo duet, "Telling the Birds."  
 Accordion duet, "Sam the Accordion Man."  
 12.40 p.m.—Stock Exchange information.  
 12.45 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS:  
 "Oh, if I Only Had You" (Friend).  
 "Hi, Ho, the Merrie" (Brown).  
 12.50 p.m.—A. G. SPRY, comedian:  
 "Maud."  
 "I Want a Pie."  
 12.57 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS:  
 "Collective" (Kahn).  
 "Honolulu Moon" (Lawrence).  
 "Where Do You Work, John" (Marks).  
 1.7 p.m.—Meteorological information. Shipping intelligence. 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.  
 1.15 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS:  
 "Stepping in Society" (Akst).  
 "Meadow Lark" (Florio).  
 "That Haunting Waltz" (Goldstein).  
 1.25 p.m.—POSTER and NEEDHAM:  
 Frank Foster, tenor:  
 "An English Rose—Merrie England" (Garnett).  
 Duet, "Flow Gently Deva."  
 Robert Needham, baritone:  
 "When My Ships" (Dore).  
 1.31 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS:  
 "Speech" (Friend).  
 "Cousin' the Piano" (Confrey).  
 "Ain't She Sweet" (Yellow).  
 1.45 p.m.—SIDNEY BURCHALL, baritone:  
 "It all Depends on You" (De Syle).  
 "Here I am" (Henderson).  
 1.52 p.m.—JOE ARONSON AND HIS SYNCOPATING SYMPHONISTS:  
 "Crazy Words, Crazy Tunes" (Yellow).  
 "Blue Skies" (Berlin).  
 "Mignonne" (Nichols).  
 2 p.m.—Close down.

Results of Richmond Trotting Races will be given as they come to hand.  
 AFTERNOON SESSION.  
 3 p.m.—STUDIO ORCHESTRA:  
 "Maze Overture" (Bellini).

## EVENING SESSION.

6.30 p.m.—Acceptances for Wednesday's races—Findon Harriers' Hunt Club meeting.  
 6.35 p.m.—Answers to letters and birthday greetings by "LITTLE MISS KOOKABURRA."  
 6 p.m.—STUDIO ORCHESTRA:  
 "Spider Dance" (Groenwald).  
 6.40 p.m.—MILDRED and CONNIE, instrumentalists, will entertain the children.  
 6.45 p.m.—AL KARASICK, Russian Heavy-weight Champion, will tell the children another "Russian Fairy Tale."  
 6.46 p.m.—Official report of Newmarket stock sales, by the Associated Stock and Station Agents, Bourke Street, Melbourne—number of sheep and cattle drawn for week's sale.  
 6.47 p.m.—"Herald" news service. Weather synopsis. Shipping movements.  
 6.52 p.m.—Stock Exchange information.  
 6.57 p.m.—Fish market reports by J. H. Borrelli, Ltd. Rabbit prices. Skin reports by the Melbourne Wool Brokers.  
 7 p.m.—River reports.  
 7.3 p.m.—Market reports of fruit by the Victorian Fruiturers' Association, compiled by "The Fruit World."

## NIGHT SESSION.

7.15 p.m.—Under the auspices of the Boy Scouts' Association, Commissioner Dr. C. G. McADAM:  
 "A Talk on Scouting."  
 7.30 p.m.—MR. E. C. H. TAYLOR:  
 "School Life and School Sport."  
 7.40 p.m.—Under the auspices of the Department of Agriculture, MR. W. G. RUGG, Poultry Expert, will speak on: "Backyard Poultry Keeping."  
 PROGRAMME RELAYED FROM ZFC, SYDNEY.  
 7.50 p.m.—FROM HER MAJESTY'S THEATRE, SYDNEY:  
 "Madame Pompadour"—the story of the Opera.  
 7.55 p.m.—HER MAJESTY'S THEATRE ORCHESTRA, conducted by Mr. Andrew MacLennan.  
 The overture to "Madame Pompadour."  
 8 p.m.—"BIG BEN," Excerpts from the 2nd edition of "Madame Pompadour." Music by Leo Fall.  
 ACT ONE:  
 Introduction and Ensemble.  
 ARTHUR STIGANT and Chorus.  
 Song, "Carnival Time."  
 Frank Webster and Ladies.  
 8.10 p.m.—MIKE.



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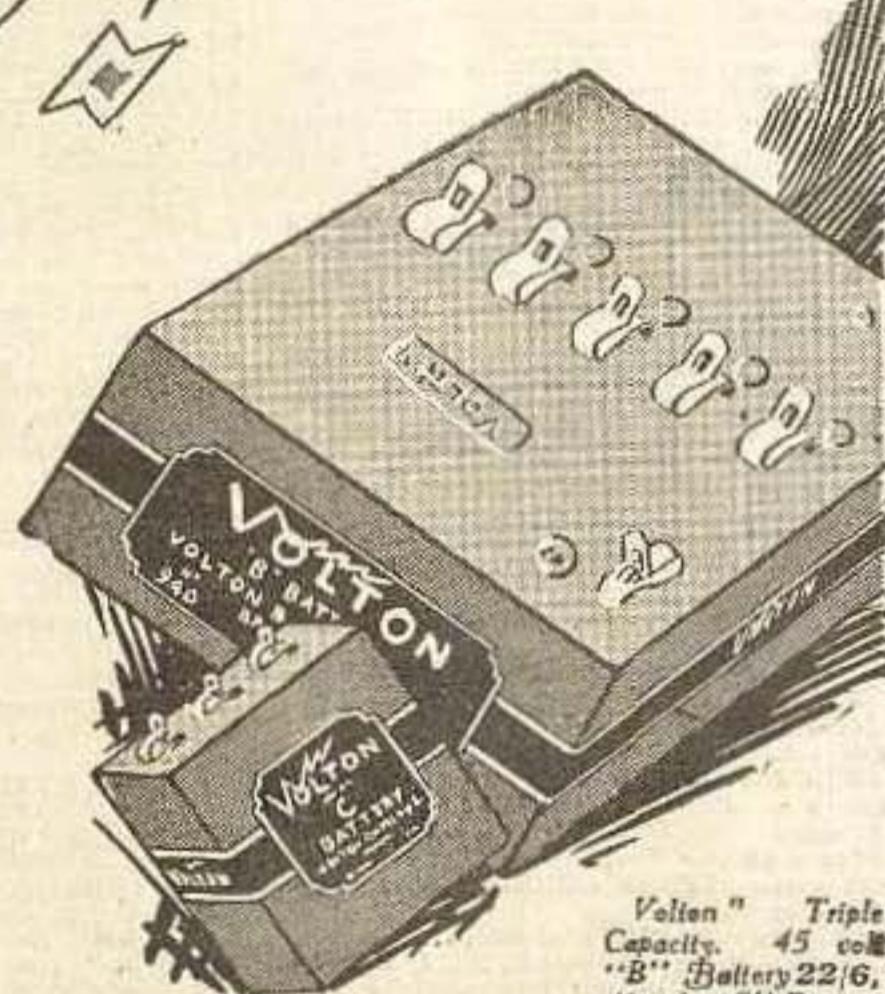
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8.11 p.m.—FROM THE STUDIO—the sixth and last sketch presented by EDGAR WARWICK in association with EILKEN DAWN, entitled, "CAUSE AND EFFECT." Scene: Mrs. Grafton's Drawing-room at 5.30 p.m.

8.20 p.m.—JULES VAN DER KLEI, cello solo: "Scherzo" (Goens).

8.25 p.m.—FROM HER MAJESTY'S THEATRE: A foreword to the next item from "Madame Pompadour."

8.27 p.m.—Duet, "By the Light of the Moon," song by BEPPIE DE VRIES and FRANK WEBSTER.

8.28 p.m.—FROM THE STUDIO: EDGAR WARWICK in a short monologue.

8.41 p.m.—EWART CHAPLIE, pianoforte solo: "Six Preludes" (Deeler).

(A series of unpublished numbers by the well-known English composer Pianist.)

8.45 p.m.—FROM HER MAJESTY'S THEATRE: Foreword to the next item from "Madame Pompadour."

8.51 p.m.—Finale to the first act of "Madame Pompadour" by the full company.

9 p.m.—FROM THE STUDIO: WIN and WINDLE, English entertainers, in a radio burlesque.

9.5 p.m.—ALFRED CUNNINGHAM, harpist: "Where'er You Walk" (Handel).

9.5 p.m.—"MIKE."

9.10 p.m.—FROM HER MAJESTY'S THEATRE, SYDNEY: Introduction and Ensemble to the second act of "Madame Pompadour" by the full company.

9.15 p.m.—Duet, "Love's Sentry," BEPPIE DE VRIES and FRANK WEBSTER.

9.25 p.m.—FROM THE STUDIO: WIN and WINDLE, English entertainers, repeat their "Thought Reading Act."

9.34 p.m.—JULES VAN DER KLEI, cello solo: "Larghetto" (Mozart).

9.35 p.m.—FROM HER MAJESTY'S THEATRE, SYDNEY— Foreword to the next item from "Madame Pompadour."

9.40 p.m.—"Serenade," MADAME POMPADOUR, sung by FRANK WEBSTER and Chorus of Soldiers.

9.45 p.m.—FROM THE STUDIO: WIN and WINDLE, English entertainers.

9.50 p.m.—JULES VAN DER KLEI, cello solo: "In a Chinese Temple Garden" (Ketschky).

9.54 p.m.—ALFRED CUNNINGHAM, harpist: "Pilgrim's Song" (Tchaikowsky).

9.58 p.m.—Music Competition, No. 3, in which a number of musical instruments will be sounded and listeners invited to guess the actual articles used.

10.4 p.m.—MONTGOMERY'S DANCE ORCHESTRA.

10.8 p.m.—FROM HER MAJESTY'S THEATRE: Foreword to the next item from "Madame Pompadour."

10.9 p.m.—Finale to Act Two of "Madame Pompadour" by the full company.

10.20 p.m.—FROM THE STUDIO: JULES VAN DER KLEI, cello solo: "Broken Melody" (Blaauw).

10.27 p.m.—ALFRED CUNNINGHAM, harpist: "Once I Loved a Maiden Fair" (Old English).

"Be gone, dull care" (Old English).

FROM SLO STUDIO.

10.35 p.m.—MR. A. W. JACKSON: Country Golf Week—"Comments on the day's play."

10.45 p.m.—News service. Meteorological information, Announcements.

11 p.m.—OUR GREAT THOUGHT: "Thine indecision brings its own delays. And days are lost lamenting o'er lost days.

Are you in earnest? Seize this very minute,  
What you can do, or dream you can, begin it.  
Boldness has genius, power, and magic in it."—Goethe.

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

11.40 p.m.—God Save the King.

## 3AR, MELBOURNE

Monday.

MORNING NEWS SESSION.  
11 a.m. to 12 noon.MIDDAY CONCERT SESSION.  
12.1 p.m. to 1 p.m.

Transmitted from Panatope House, 282 Collins Street (by exclusive permission of Willis and Bates Ltd.), on the Brunswick Panatope.

MATINEE SESSION.  
ORCHESTRAL CONCERT.

Sports results (Richmond Trot). The results will be broadcast as they come to hand.

2.30 p.m.—Studio Orchestra.

2.45 p.m.—The Two Waifs:

"Golden Dreams" (Stansham).

2.49 p.m.—Studio Orchestra.

2.54 p.m.—The Two Waifs:

"Don't sing Aloha" (Muret).

2.58 p.m.—Studio Orchestra.

3.18 p.m.—Miss Ethel Brearley, piano:

"Consoiations No 2" (Listz).

3.21 p.m.—The Two Waifs:

"In a Little Spanish Town" (Wayne).

3.24 p.m.—Studio Orchestra.

3.44 p.m.—The Two Waifs:

"How I Love you" (Friend).

3.48 p.m.—Studio Orchestra.

3.56 p.m.—Mr. Herbert Patisser, violin:

"Serenade" (Grieg).

4 p.m.—G.P.O. Clock says "Four."

4.1 p.m.—End Weather forecast.

4.4 p.m.—Studio Orchestra.

4.20 p.m.—The Two Waifs:

"You jazzed your way into my heart" (Stansham).

4.24 p.m.—Studio Orchestra.

4.35 p.m.—The Two Waifs:

"Honolulu Moon" (Lawrence).

4.39 p.m.—Studio Orchestra.

4.58 p.m.—Tonight's Entertainment.

5 p.m.—G.P.O. Clock says "Five."

Close down.

## CHILDREN'S SESSION.

6.30 p.m.—"The Farmyard Five."

## EVENING SESSION.

## DANCE CONCERT.

7.30 p.m.—Mr. William Smith, Early Postal History of Victoria.

7.45 p.m.—Market reports. Notices.

8 p.m.—G.P.O. Clock says "Eight."

8.1 p.m.—Mr. Ernest Victor Phillips, tenor: "Macbeth" (MacMurrrough).

"I passed by your window" (Brahe).

8.8 p.m.—Miss Eileen Pascoe-Webbe, Entertainer. Two Monologues Sketches.

"A Musical Evening."

"Little Mary Poppins"

8.16 p.m.—Mr. Tarlton Rayment. The Noted authority on the wonderful lives and habits of Australian Bees.

8.30 p.m.—Mr. Mikko Green. The Italian Impersonator.

A Story: "Bambalina."

8.38 p.m.—Miss Dorothy Humphreys, soprano: "Dear Heart" (Matthes).

"I hid my Love" (d' Hardelet).

8.44 p.m.—Leggett's Ballroom Orchestra.

9 p.m.—Miss Elyse Van Houghton, the well-known instructor, will discuss "Modern Ballroom Dancing."

9.15 p.m.—Leggett's Ballroom Orchestra.

9.30 p.m.—Miss Eileen Pascoe-Webbe, contralto:

"The Three Fishers" (Hullah).

"The Auld Lang Syne" (Old Scotch).

9.38 p.m.—Mr. Ernest Victor Phillips, tenor: "I hear you calling me" (Marshall).

"Mary of Aragon" (Nelson).

9.46 p.m.—Miss Dorothy Humphreys, soprano: "April Morn" (Statler).

"My Heart's Desire" (Cox, Clarke).

9.38 p.m.—Mr. Mikko Green, Italian Impersonator.

Character Song: "Italian Skies" (Allevi).

Comedy Sketch: "How Italy won the war."

10 p.m.—G.P.O. Clock says "Ten."

10.1 p.m.—The "Age" News Bulletin.

10.3 p.m.—Dance Hour. Leggett's Ballroom Orchestra (Direction, Mr. Harry Nangle).

10.59 p.m.—An Australian Good-night thought.

"And Man by Man must grow apart, and

Man by Man must thrive,

And Man from Man must snatch the torch

that lights the race alive."

—From "Babylon" (A. G. Stephens).

11 p.m.—G.P.O. Clock says "Eleven."

"God save the King."

## 4QG, BRISBANE.

Monday.

## MIDDAY SESSION.

1 p.m.—Market reports; weather information, supplied by the Commonwealth Weather Bureau, news service supplied by "The Daily Mail" and "The Daily Standard."

FROM HOTEL CARLTON—

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

FROM THE OBSERVATORY—

1.58 p.m.—Standard time signal.

2 p.m.—Close down.

## AFTERNOON SESSION.

FROM HOTEL CARLTON—

1.30 p.m.—Afternoon tea music, played by Hotel Carlton Symphony Orchestra.

FROM THE STUDIO—

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

4.30 p.m.—Close down.

## EARLY EVENING SESSION.

4 p.m.—News service supplied by "The Daily Standard."

4.15 p.m.—Lecturette: "Making a Tramcar"—by Mr. Gilbert Taylor (Secretary Queensland Preference League).

6.30 p.m.—The Children's Session—Stories by "The Sandman."

7 p.m.—Market reports; Stock reports.

7.30 p.m.—Weather news; "Daily Standard" news.

7.45 p.m.—Standard time signals.

7.45 p.m.—Lecturette: "Features of the Royal National Show." During the farmers' session, Mr. P. J. Byrnes (Ringmaster) will talk.

## NIGHT SESSION.

The programme to-night will comprise the relaying of the official opening of the Meat Hall at the Royal National Show.

The ceremony will be performed by the Hon. the Acting-Premier (Mr. F. W. Fagan Smith), who is also Minister for Agriculture and Stock.

The Meat Hall will be described, and the various speeches will be broadcast.

FROM THE MEAT HALL—EXHIBITION GROUND—

8 p.m.—Official opening ceremony and speeches.

10 p.m.—"The Daily Mail" news; Weather news.

Close down.

## 5CL, ADELAIDE

Monday.

## MORNING SESSION.

11 noon to 2 p.m.

## AFTERNOON SESSION.

3 p.m.—Chimes.

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

3.45 p.m.—From the Studio: Musical items and Social news.

4 p.m.—Chimes.

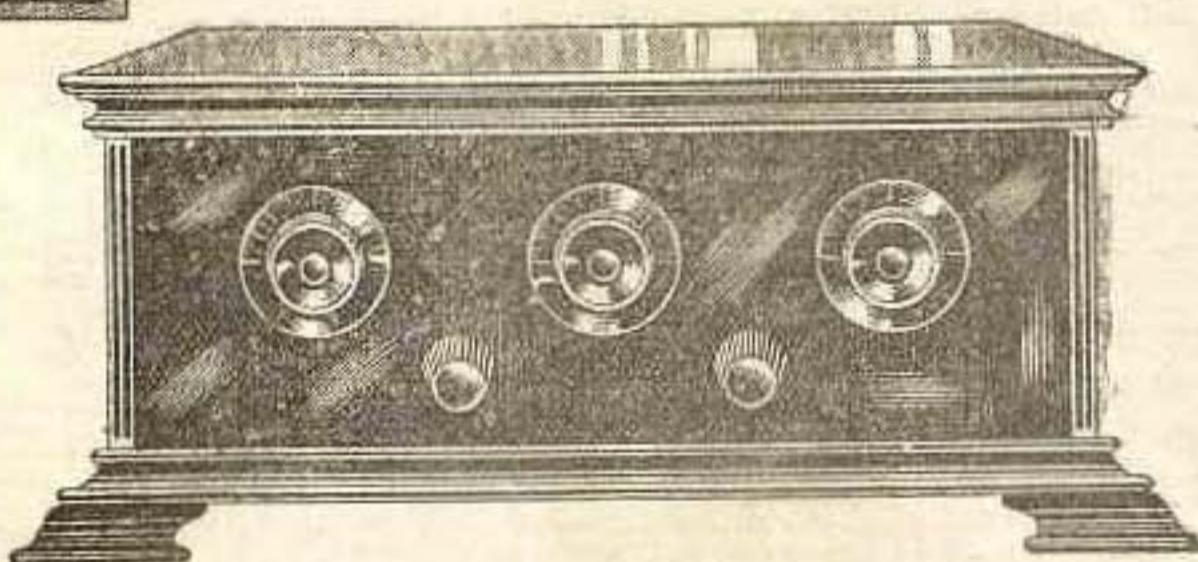
4.1 p.m.—Relay from the Arcadia Cafe: Orchestral selections.

4.30 p.m.—Meteorological information, Station announcements.

5. C. Ward &amp; Co.'s Stock Exchange intelligence.

5 p.m.—Chimes.

# FORMICA



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*The Boon Companions of Osram Valves.*

## EVENING SESSION.

6 p.m.—Chimes.  
 6.1 p.m.—Tune from the Covent Garden Restaurant.  
 Orchestral selections.  
 6.20 p.m.—Bedtime Stories by Auntie Peggy and Uncle Mike.  
 7.25 p.m.—H. C. Ward & Co.'s Stock Exchange intelligence.  
 7.27 p.m.—Market reports by Messrs. A. E. Hall and Co., A. W. Banfield and Co., Dalgety and Co., S. A. Farmers' Co-operative Union, Taylor Bros., and the Retail Grocers' Association.  
 7.30 p.m.—"Critics" will speak on this week's pictures.  
 7.45 p.m.—Physical Culture Talk by Mr. Noel Hobbs, of the Central College of Physical Culture.  
 8 p.m.—Chimes.  
 8.1 p.m.—Holden's Silver Band.  
 8.10 p.m.—M. H. Wilson, Recital: "Raining."  
 8.15 p.m.—Holden's Silver Band.  
 8.20 p.m.—"The Twinkler."  
 8.40 p.m.—Holden's Silver Band.  
 8.50 p.m.—Marjorie Walsh, soprano: Selected.  
 9.1 p.m.—Official Weather report and forecast.  
 9.2 p.m.—Dalgety's Wheat report.  
 9.3 p.m.—Yon Grodno in songs at the Piano.  
 9.5 p.m.—Holden's Silver Band.  
 9.15 p.m.—Marjorie Walsh, soprano: Selected.  
 9.22 p.m.—Yon Grodno in Songs at the Piano.  
 9.27 p.m.—Holden's Silver Band.  
 9.32 p.m.—Marjorie Walsh, soprano: Selected.  
 9.36 p.m.—Yon Grodno in songs at the Piano.  
 9.41 p.m.—Holden's Silver Band.  
 9.49 p.m.—Montyn Brown, violin: "Last movement from Schubert."  
 9.55 p.m.—Holden's Silver Band.  
 10 p.m.—"Advertiser" news service. Wireless shipping; resume of the previous Saturday's racing.  
 10.15 p.m.—Holden's Silver Band.  
 10.23 p.m.—Montyn Brown, violin: "Andante from Mendelssohn's."  
 10.30 p.m.—Mrs. Lower, contralto: Selected.  
 10.33 p.m.—Montyn Skinner, violin: "Kazawisk."  
 10.37 p.m.—Mrs. Lower, contralto: Selected.  
 10.41 p.m.—Holden's Silver Band.  
 10.51 p.m.—Mrs. Lower, contralto: Selected.  
 10.55 p.m.—Pianoforte Solo, Isabel Penny: selected.  
 11 p.m.—Chimes. To-morrow's programme. Station announcements. Weather Bulletin. National Anthem.

## 6WF, PERTH.

Monday.

12.30 p.m.—Tune in.  
 12.35 p.m.—First Local News Bulletin, supplied by the courtesy of "The West Australian" Newspaper Coy.  
 Market Report, supplied by the Australian Farmers' Limited.  
 Cables, supplied by the Australian Press Association.  
 1 p.m.—Time Signal from Perth Observatory.  
 1.1 p.m.—Weather Notes, supplied by the Meteorological Bureau of Western Australia.  
 1.2 p.m.—STUDIO QUINTETTE (including Pianoforte Selections by Miss WILLIS).  
 2 p.m.—Close down.  
 2.30 p.m.—Tune in.  
 2.35 p.m.—Musical Programme from the Studio.  
 4.30 p.m.—Close down.  
 4.45 p.m.—Tune in.  
 4.50 p.m.—Uncles Duffy and Henry will talk to the Boys.  
 7.20 p.m.—Local News Bulletin, supplied by courtesy of "The West Australian" Newspaper Coy.  
 Market Reports, supplied by the Australian Farmers and Producers Markets, Limited.  
 Cables, supplied by the Australian Press Association.  
 7.45 p.m.—Talk.  
 8 p.m.—Time Signal from Perth Observatory.  
 8.1 p.m.—Weather Notes, supplied by the Meteorological Bureau of Western Australia.

8.2 p.m.—FROM THE STUDIO:  
 Concert by the R. B. L. BAND; conductor, MR. GEARY.  
 10 p.m.—Late news items, supplied by courtesy of "The Daily News" Newspaper Coy. Weather Report and Forecast.  
 Ships in range.  
 10.30 p.m.—Close down.

## 7ZL, HOBART

Monday.

## MORNING SESSION.

11 a.m. to 12 noon.

## AFTERNOON SESSION.

3 p.m.—G.P.O. Clock Chimes.  
 3.1 p.m.—Tune in Selection.  
 3.5 p.m.—Hobart Stock Exchange quotations. Weather information. Items of interest—announcements.  
 3.15 p.m.—Orchestral Selections by 7ZL Orchestra.  
 4.15 p.m.—Fashion Talk by "Aunt Edna," of Brownells, Ltd., Hobart.  
 4.30 p.m.—Close down.

## EARLY EVENING SESSION.

6.30 p.m.—"Uncle Peter's" half-hour.  
 7 p.m.—"Big Brother" chats to his Pal.

## NIGHT SESSION.

7.30 p.m.—Musical Selection.  
 7.35 p.m.—Physical Culture Talk by Lieutenant Reginald McKinnock.  
 7.40 p.m.—"Mercury" special Tasmanian news service. Railway Auction Produce sales. Weather forecasts. Hobart Stock Exchange quotations.  
 8 p.m.—G.P.O. Clock Chimes.  
 8.1 p.m.—Vocal and Instrumental Numbers from Findlay's Showroom, Elizabeth-street, Hobart.  
 8.15 p.m.—"Mercury" special Interstate news service. Tasmanian District Weather Reports.  
 9 p.m.—Weather forecasts. Station announcements. National Anthem.

## Tuesday, August 9

## 2FC, SYDNEY.

## EARLY MORNING SESSION.

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

## MORNING SESSION.

10 a.m.—"Big Ben" and announcements.  
 10.5 a.m.—Studio music.  
 10.15 a.m.—"Sydney Morning Herald" news service.  
 10.30 a.m.—Studio music.  
 10.35 a.m.—A talk by the ZPC Racing Commissioner.  
 10.45 a.m.—Studio music.

11 a.m.—"Big Ben."  
 Marching music for school children.  
 11.5 a.m.—A.P.A. and Reuter's Cables.  
 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.  
 12.1 p.m.—Stock Exchange, first call.  
 12.3 p.m.—Official weather forecast, rainfall.  
 12.5 p.m.—Studio music.  
 12.15 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 PAYNE, mezzo: "Blackbird's Song" (by request) (Scott).  
 12.45 p.m.—THE OAK HALL INSTRUMENTAL TRIO (leader, Mr. Horace Keats) (from Farmer's Tea Room).  
 12.55 p.m.—Studio music.

1 p.m.—"Big Ben."  
 Weather intelligence.  
 1.2 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.  
 1.40 p.m.—ANNIE PAYNE, mezzo: "Daffodils" (Scott).  
 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 programme announcements.  
 2.5 p.m.—Studio music.  
 3.15 p.m.—A Roasting.  
 3.30 p.m.—Marching music for school children.  
 3.40 p.m.—ANNE MILLIS, mezzo-soprano: "Serenade" (Schubert).  
 3.45 p.m.—Studio music.  
 3.50 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
 3.55 p.m.—KATHLEEN HORNE, soprano: "Home Day" (Del Illego).  
 4 p.m.—"Big Ben."  
 WILLIAM BOWTER, baritone: "Young Toss o' Devon" (Russell).  
 4.5 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
 4.15 p.m.—KITTY POOLE, soprano:  
 (a) "Now I Ask You" (Mitchell).  
 (b) "Swimming Hole" (Brennan).  
 4.20 p.m.—ANNE MILLIS, mezzo-soprano: "Pirate Dreams" (Hueter).  
 4.25 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
 4.30 p.m.—MURIEL WATT, contralto: "Caro Mio Ben" (Giordani).  
 4.34 p.m.—KATHLEEN HORNE, soprano: "Just to forget" (Horne).  
 4.37 p.m.—Studio music.  
 4.40 p.m.—WILLIAM BOWTER, baritone: "In Sunshine and Shadow" (Geek).  
 4.45 p.m.—Stock Exchange, third call.  
 4.47 p.m.—MURIEL WATT, contralto: "Who Knows" (Hall).  
 4.50 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of Mr. Cyril Kaye.

5 p.m.—"Big Ben." Close down.  
 EARLY EVENING SESSION.  
 5.45 p.m.—The Chimes of ZPC.  
 5.50 p.m.—The "Hello Man" talks to the children.  
 6.15 p.m.—Children's Book Competition, No. 4.  
 6.30 p.m.—Story time for the young folk.  
 6.40 p.m.—Dinner music.  
 7 p.m.—"Big Ben."  
 Late sporting news.  
 7.10 p.m.—Dalgety's market reports (wheat, wheat and stock).  
 7.15 p.m.—Fruit and vegetable markets.  
 7.20 p.m.—Shipping and weather intelligence.  
 7.25 p.m.—"Evening News" late news service.

NIGHT SESSION.

7.40 p.m.—Programme announcements.  
 7.45 p.m.—MADAME BETTS VINCENT will continue her musical lectures dealing this evening with Chopin (4th of the series).  
 8 p.m.—"Big Ben."  
 THE HAYMARKET OPERATIC ORCHESTRA, under the baton of Mr. Stanley Porter.

8.12 p.m.—FRASER COOK, baritone:  
 (a) "Song of Triumph" (Anderson).  
 (b) "Dream Hour" (Blomk).  
 8.20 p.m.—THE N.S.W. STATE MILITARY BAND:  
 (a) March, "La Reine De Saba" (Gounod).  
 (b) Overture, "Le Domino Noir" (Auber).  
 8.24 p.m.—"Is it your Birthday?"

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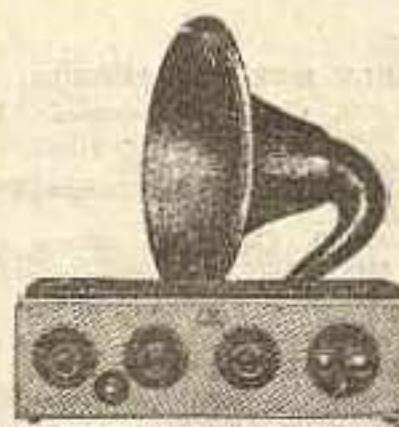
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Please send me the free literature on Atwater Kent radios you have ready  
and copied with the A.K. "Complete" set.

W.W. 5/8/27

8.35 p.m.—HARRY CASH, comedian, makes his first appearance: Yodel, "Strawberries and Cream."

8.41 p.m.—MR. S. H. HOWDEN will talk on Naples, the city of Panoramas.

8.51 p.m.—THE N.S.W. STATE MILITARY BAND: Selection, "The Belle of Brittany" (Talbot).

8.53 p.m.—DO YOU KNOW? A series of everyday questions to be asked by the announcer as a memory test for listeners. The answers will be given later in the evening.

8.57 p.m.—MADAME EMILY MARKS, soprano.

8.59 p.m.—THE N.S.W. STATE MILITARY BAND: (a) A Grotesque Two-Step, "Two Thomas Cats" (Smith).

(b) Tone Poem, "Lilacs" (Roberts).

8.22 p.m.—FRASER COSS, baritone: (a) "Luceria Borgia" (Duniatti).

(b) "Friendships" (Lothr).

8.25 p.m.—HARRY CASH, comedian: "Italian Opera Burlesque."

8.28 p.m.—MADAME EMILY MARKS, soprano.

8.31 p.m.—THE HAYMARKET OPERATIC ORCHESTRA: Conductor, Mr. Stanley Porter.

8.45 p.m.—"NOW YOU KNOW." The answers to the questions given at 8.3 p.m.

8.47 p.m.—THE N.S.W. STATE MILITARY BAND: Selection, "The Tormentor" (Monckton).

8.58 p.m.—SYDNEY CALLAND, baritone: "I Never Knew" (Ball).

10.2 p.m.—HARRY CASH, comedian: "Beans, Beans, Beans."

10.7 p.m.—MADAME EMILY MARKS, soprano.

10.15 p.m.—SYDNEY CALLAND, baritone: "Ten thousand years from now" (Ball).

10.20 p.m.—THE HAYMARKET OPERATIC ORCHESTRA: Orchestral numbers, under the baton of Mr. Stanley Porter.

10.30 p.m.—DANCE SESSION, conducted by LEN MAURICE.

10.40 p.m.—"MUSIC IN CONVULSIONS."

10.44 p.m.—DANCE SESSION, arranged by LEN MAURICE.

10.55 p.m.—SYDNEY CALLAND, baritone.

10.57 p.m.—Late news and announcements.

11 p.m.—"Big Ben."

DANCE SESSION until 11.30 p.m., conducted by LEN MAURICE.

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

## 2BL, SYDNEY.

Tuesday.

## EARLY MORNING SESSION.

7 a.m.—G.P.O. Clock and chimes. Metropolitan Weather Forecast.

7.2 a.m.—State weather report.

7.4 a.m.—News from "Daily Telegraph" Pictorial.

7.15 a.m.—G.P.O. Clock and chimes. Fruit Market report.

7.18 a.m.—Vegetable Market report.

7.20 a.m.—A.M.L. and F. Co's Report.

7.21 a.m.—Dairy Farm Produce Market report.

7.20 a.m.—Poultry Market report.

7.30 a.m.—G.P.O. Clock and chimes. Musical programme from studio.

7.35 a.m.—News from the "Daily Telegraph" Pictorial.

7.41 a.m.—Boats in call by wireless.

7.45 a.m.—Mail information, shipping arrivals and departures, and port directory.

7.45 a.m.—G.P.O. Clock and chimes. News from the "Daily Telegraph" Pictorial.

8 a.m.—G.P.O. Clock and chimes. Close down.

## MORNING SESSION..

8.30 a.m.—G.P.O. Clock and chimes. Musical programme from studio.

8.40 a.m.—News from the "Daily Telegraph" Pictorial.

8.50 a.m.—Musical programme from studio.

8.55 a.m.—G.P.O. Clock and chimes. Announcements.

9.15 a.m.—Musical programme from the studio.

11.15 a.m.—Serial Notes—Replies to correspondents by Mrs. Jordan. Talk on "Medical Jerks" by Mr. Adams, A.M.A.

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

12.3 p.m.—Musical programme from the studio.

12.15 p.m.—Information, Maths, Shipping and port directory.

12.15 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 reports.

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

12.32 p.m.—Fish Market report.

12.34 p.m.—Haberdashery Market report.

12.36 p.m.—News from the "Sun."

12.45 p.m.—Hilliers Instrumental Quartet—direction—Caryl Cantling.

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 Service Stores Trio—direction—Miss de Courtney Bremer.

3.40 p.m.—Musical programme from the studio.

3.50 p.m.—News from "Sun."

4 p.m.—G.P.O. Clock and chimes. Civil Service Stores Trio.

4.10 p.m.—Serial Story.

4.30 p.m.—Musical programme from the studio.

4.45 p.m.—News from the "Sun."

4.50 p.m.—Racing Results.

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

4.54 p.m.—Announcements and What's on.

4.58 p.m.—Special Ocean forecast.

5 p.m.—G.P.O. Clock and chimes. Close down.

## EARLY EVENING SESSION.

5.45 p.m.—G.P.O. Clock and chimes. Uncle Bass and the Kindies.

6.00 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").

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

7.20 p.m.—Talk on "The Motor Car" by Mr. Martin.

7.45 p.m.—Talk by a member of the Listeners' League.

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

An hour's programme presented by Cossor Valves.

8.1 p.m.—Broadcasters Light Orchestra under the direction of Mr. J. Knight Barnett.

8.15 p.m.—Mr. George Wilmot (baritone).

8.20 p.m.—Mr. Bryce Carter (cello solo).

8.27 p.m.—Miss Helena Stewart (soprano).

8.32 p.m.—Mr. Peter Sutherland (bass).

8.36 p.m.—Miss Edith Kilminster (piano solo).

8.40 p.m.—Mr. Lance Jeffree (tenor).

8.51 p.m.—Broadcasters Light Orchestra.

9.1 p.m.—Weather report and forecast by courtesy of Mr. C. J. Mares, Govt. Meteorologist.

9.2 p.m.—A soft cycle entitled "A Pagoda of Flowers," composed by Amy Woodford Finster. Presented under the direction of Mr. G. Vera Barnett.

Miss Helena Stewart, soprano.

Mr. Lance Jeffree, tenor.

Miss Amy Oelinga, contralto.

Mr. Peter Sutherland, bass.

9.32 p.m.—Broadcasters Light Orchestra.

9.42 p.m.—Mr. George Wilmot.

9.49 p.m.—Miss Edith Kilminster.

9.54 p.m.—Mr. Bryce Carter.

10.1 p.m.—Miss Amy Oelinga.

10.5 p.m.—Broadcasters Light Orchestra.

10.15 p.m.—The Ambassadors Dance Band broadcast from the ballroom of the Ambassadors. During intervals between dances "Sun" news will be broadcast.

12 midnight—G.P.O. Clock and chimes. National Anthem.

## 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; Reuter's and the Australian Press Association Cables; "Argus" News Service.

12.15 p.m.—COMMUNITY SINGING in the Studio, conducted by Mr. G. J. Mackay, assisted by the STUDIO ORCHESTRA.

ELSA STRALIA, Soprano:

"Annie Laurie."

"Angels Guard Thee."

SID BURCHELL, Baritone:

"With Mother smiling on Me" (Van Alstyne).

"The Pixie Piper Man" (Elliot).

1.45 p.m.—Stock Exchange Information; Meteorological Information; Shipping Intelligence; 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.

2 p.m.—Close Down.

## AFTERNOON SESSION.

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

"What's the Use of Crying" (Forbstein),

"Hello Bluebird" (Friend),

"Brown Eyes—In Your Dreams" (Tennant).

3.10 p.m.—"AU FAIT":

"Fashion Talk."

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

"Just a Bird's Eye View" (Donaldson),

"If You See Sally" (Kahn),

"Forgotten" (O'Hagan).

3.35 p.m.—POSTER AND NEEDHAM, Tenor and Baritone:

Frank Foster, "I Know Two Bright Eyes" (Cleissam).

Robert Needham, "Whichever Is, Is Best" (Lothr).

Frank Foster, "Jean" (Meade).

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

"For My Sweetheart."

"Because I Love You" (Berlin).

"Chinese Moon" (Naumburg).

3.55 p.m.—A. G. SPRY, Comedian:

"My Boxing Session."

"My Cigar Has Gone Out."

4.1 p.m.—CARLINE RUDD, Piano Recital:

"Butterfly" (Grieg).

"To the Spring" (Grieg).

"Bird Song" (Palmgren).

"Le Cygne" (Saint Saens).

"The Water Wagtail" (Scotti).

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

"I'm on My Way Home" (Berlin).

"Camille" (Sherman).

"Muddy Water" (De Rose).

4.22 p.m.—CAPT. DONALD MACLEAN:

"Pirates and More Pirates."

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

"Perhaps You'll Think of Me" (Stone).

"Ruffinready" (Barry).

"I Didn't Know" (Swift).

4.45 p.m.—"Herald" News Service; Stock Exchange Information.

5 p.m.—Close Down.

## EVENING SESSION.

5.30 p.m.—Answers to Letters and Birthday Greetings by "MARY GUMLEKAF."

6.0 p.m.—STUDIO ORCHESTRA:

"Butterfly Dances" (Miles).

6.10 p.m.—SYLVIA VAN ASCH, Soprano:

Songs for the Children.

6.17 p.m.—MISS LILLIAN M-MICKEN will give a little talk on,

"History in a Humorous Setting."

THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for to-day is:

"We are born with two eyes and one tongue in order that we should see twice as much as we say."

6.32 p.m.—STUDIO ORCHESTRA: "Carnations" (Albers).

6.40 p.m.—Official Report 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.—Fish Market Reports by J. R. Borrelli, Ltd.; Rabbit Prices; Skin Reports by the Melbourne Wool Brokers; Egg Market Report.

7.0 p.m.—River Reports.

7.3 p.m.—Market Reports of Fruit by the Victorian Fruiterers' Association compiled by "The Fruit World."

#### NIGHT SESSION.

7.15 p.m.—Under the auspices of the ROYAL AUTOMOBILE CLUB OF VICTORIA, Mr. C. J. P. HODGES, Secretary, will speak on: "Why We Motor."

7.30 p.m.—Under the auspices of the University Extension Board, Mr. F. R. E. MAULDON, M.A., M.E.C., will speak on: "The Economics of Australian Coal."

7.45 p.m.—"Persia and Afghanistan," by an Australian.

8.0 p.m.—STUDIO PRESENTATION OF THE OPERA "FAUST."

Under the Direction of J. SUTTON CROW, assisted by THE STUDIO ORCHESTRA and AUBURN METHODIST CHOIR.

#### CAST.

Faust ..... John D. Sullivan, Tenor

Mephistopheles ..... Thou, George, Bass

Valentine ..... J. Alexander Browne, Baritone

Wagner ..... F. Davies, Bass

Margarita ..... Elsie Davies, Soprano

Siebel ..... Ina Lillicrap, Mezzo Soprano

Martha ..... Myrtle Walscott, Mezzo Soprano

9.30 p.m.—Announcements, and THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for to-day is for MOTORISTS: "Wait for a train at the railway gates and the pearly gates will wait for you."

9.34 p.m.—We have pleasure in presenting MISS LESLIE ELLIOTT, Comedienne, who will sing:

"Sing Hey for the Life of a Hactress" (L. Elliott—unpublished).

"The Old Days and the New" (Weston and Lee).

9.41 p.m.—STUDIO ORCHESTRA:

Suite, "Huberville" (Lake).

9.51 p.m.—ELSA STRALIA, Soprano:

"Inter Noe" (MacFadyen).

"Because I Love You" (Berlin).

9.58 p.m.—Meteorological Information; British Official Wireless News from Rugby.

10.05 p.m.—POSTER AND NEEDHAM, Tenor and Baritone:

Robert Needham, "Yeomen of England" (German).

Frank Foster, "Before You Came" (Lane Wilson).

Robert Needham, "Until" (Sanderson).

10.15 p.m.—MR. A. W. JACKSON: Country Golf Week; "Comments on the Day's Play."

10.25 p.m.—ELSA STRALIA, Soprano:

"Pale Moon" (Logan).

"O Lovely Night" (Ronald).

10.32 p.m.—JOE ARONSON AND HIS SYNCOPIATING SYMPHONISTS:

"Slow Foot."

"How Long Must I Wait for You?"

"Hargundy" (Malle).

10.50 p.m.—SIDNEY BURCHALL, Baritone:

"I'm Tickled to Death I'm Single" (Sidon).

"Longin' for You" (Fisher).

10.57 p.m.—OUR GREAT THOUGHT:

"How can man be intelligent, happy, or useful, without the culture and discipline of education? It is this that unlocks the prison-house of his mind and releases the captive." (Humphrey).

10.58 p.m.—JOE ARONSON AND HIS SYNCOPIATING SYMPHONISTS.

11.40 p.m.—GOD SAVE THE KING.

## Announcement

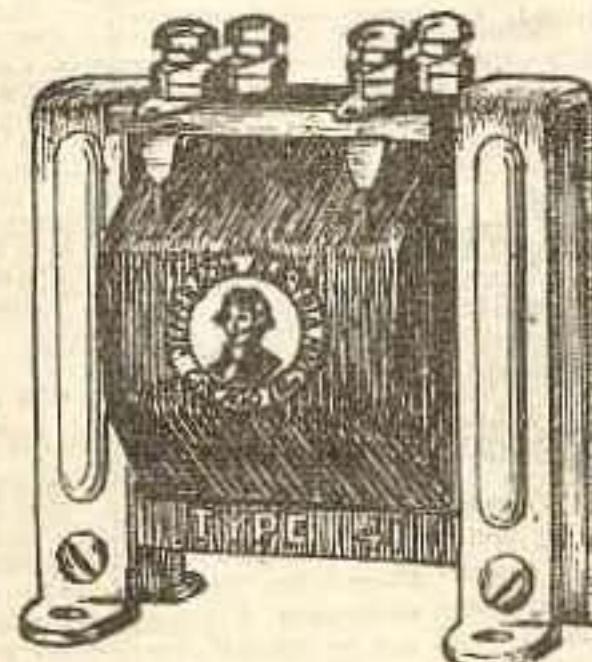
# Jefferson Transformers

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

**18/6**

Ratio:

**3.75 to 1**



#### ELECTRICAL CHARACTERISTICS.

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Designed for operation with all standard tubes.

1. Ratio of secondary to primary turns, 3.75 to 1.
2. Useful tone frequency range, 60/5000 cycles.
3. Allowable current on each winding, 10 milli-amperes.
4. Test voltage between primary and secondary, between primary, secondary and ground, 500 volts.
5. Maximum operating voltage in conjunction with tube, 300 volts.
6. D.C. Resistance of windings:  
Primary, 1000 ohms. (approx.)  
Secondary, 5000 ohms. (approx.).
7. Primary and secondary wound with No. 40 enamel-covered copper wire.

Obtainable from all Reputable Radio Dealers.

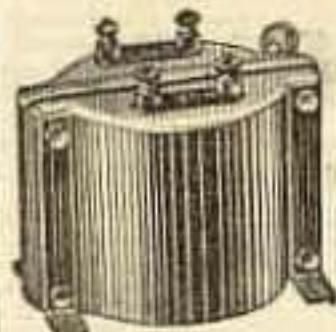
SOLE AUSTRALASIAN AGENTS:

## Fox & MacGillycuddy Ltd.

Daily Telegraph Buildings, King Street

# STERLING

## COMPONENTS



Supplied in four ratios:  
2.7-1, 4-1, 6-1, 8-1, which protects the windings from breakdown and corrosion. Every Transformer is unconditionally guaranteed for a year from date of purchase.



Highly serviceable for multi-stage, straight and superhetodyne receivers. Made in three capacities: .00025 mfd., .005 mfd., .001 mfd. flexible connection.



Fitted with reversible feet so that the instrument can be mounted in the most suitable direction.

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SYDNEY :: N.S.W.

### STERLING SUPER TRANSFORMERS

Guaranteed to amplify without distortion at all frequencies. Each transformer is subjected to a series of exacting tests, and is impregnated with a specially prepared insulating medium called "Marconite."

Supplied in four ratios: 2.7-1, 4-1, 6-1, 8-1, which protects the windings from breakdown and corrosion. Every Transformer is unconditionally guaranteed for a year from date of purchase.

### STERLING MINLOSS 50. LAW CONDENSERS

These Condensers have a high maximum to minimum capacity ratio. The novel slow movement has a ratio of 7 to 1. It is very smooth in operation, and allows no backlash or grating.

The moving vanes are so mounted that there can be no side-play; they are attached permanently to the framework, with a flexible connection.

### STERLING LF. CHOKE

Can be used for choke capacity, coupled low frequency amplification, and will give excellent and distortionless performance; also for smoothing purposes in connection with high tension supply units, and will carry a current of up to 50 milliamperes for mounting in most suitable direction.

## 3AR, MELBOURNE

Tuesday.

### MORNING NEWS SESSION.

11 a.m. to 12 noon.

### MIDDAY CONCERT SESSION.

12.1 p.m. to 1 p.m.

Transmitted from Panopticon House, 252 Collins Street (by exclusive permission of Wills and Paton, Ltd.).

### MATINEE SESSION.

#### ORCHESTRAL CONCERT.

2.30 p.m.—Studio Orchestra.

2.45 p.m.—Miss Lillian Van Eede, soprano:

"Flower Song" from Faust (Gounod).

"Mighty like a rose" (Nevin), with violin obligato.

2.55 p.m.—Studio Orchestra.

3.1 p.m.—Mr. Ronald Brearley, 'cello:

"Danse Rustique" (Squire).

3.12 p.m.—Studio Orchestra.

3.27 p.m.—Miss Lillian Van Eede, soprano:

"The Processional" (Caesar Franck).

"Love has Eyes" (Bishop).

3.35 p.m.—Studio Orchestra.

4 p.m.—G.P.O. clock says, "Four."

4.1 p.m.—Second weather forecast.

4.4 p.m.—Studio Orchestra.

4.54 p.m.—Mr. Wm. Daniels, tenor:

"Kashmiri Song" (Lehmann).

"Lute Player" (Poul).

4.55 p.m.—Studio Orchestra.

4.56 p.m.—To-night's entertainment.

5 p.m.—G.P.O. clock says, "Five."

Close down.

### CHILDREN'S HOUR.

6.30 p.m.—"Uncle Mac's" entertainment.

### EVENING SESSION.

#### MUSIC AND MIRTH.

7.30 p.m.—"The Captain"—School life and school sport for the boys and girls of Australasia.

7.35 p.m.—Market reports Notices.

7.45 p.m.—G.P.O. clock says, "Eight."

8.1 p.m.—The Classic Trio:

Overture, "Raymond" (Thomas).

"Meditation" (Gounod).

8.11 p.m.—Mr. Alan Bell, comedian, merry moments with a rottweiler:

"Packing" (Carter).

"A short skit on Wedlock" (Original).

8.19 p.m.—Miss Marjory Bannin, contralto:

"Sink, Red Sun" (Del Reign).

"Sincerity" (Clarke).

8.25 p.m.—Announcements.

8.30 p.m.—Mr. Leslie Jephcott, tenor:

"Mermaids in the wood" (Goetz).

"Mighty like a rose" (Nevin).

8.37 p.m.—The Two Waifs, popular doctologists:

A entertaining duo who have just arrived in Melbourne on their Australian tour:

"Bridget O'Flynn" (Sterling and King).

"Forgotten" (O'Hagan).

8.45 p.m.—Mr. Stafford Byrne, 'cello:

"Madrigal" (Squire).

"Minuet" (Klement).

8.52 p.m.—Miss Maisie Humeay, soprano:

"The Witch" (Benedict).

"Cuckoo" (Benedict).

8.55 p.m.—The Classic Trio:

"Allegretto" (Raff).

"Harnarolle" (Tchaikowsky).

"Just a-waiting for you" (Lord).

8.51 p.m.—Mr. Alan Bell, comedian:

"Oh, My, Yes" (Atwood).

Burlesque, "Mihny, Ha, Ha" (Original).

8.58 p.m.—Miss Marjory Bannin, contralto:

"Sunshine and rain" (Blumenthal).

"Homebird" (Drummond).

9.05 p.m.—Announcements.

9.10 p.m.—Mr. Leslie Jephcott, tenor:

"The Song of the Clock" (Burleigh).

"Stelliana" (Macaulay).

9.16 p.m.—The Two Waifs:

"When Shadows Steal" (Edwards).

"I'm gonna Charlton Home" (Byron).

9.45 p.m.—Mr. Robert Richmond, violin:  
"Tambourin" (Leclair).  
"Rondini" (Beethoven).

9.52 p.m.—Miss Maisie Humeay, soprano:  
"The Jewel Song" from Faust (Gounod).  
"The Second Minute" (Bach).

10 p.m.—G.P.O. clock says, "Ten."

10.1 p.m.—The "Age" news bulletin.

10.3 p.m.—Dance hour. Leggett's Ballroom Orchestra (Direction, Mr. Harry Nangle).

10.55 p.m.—To-morrow's entertainment.

10.59 p.m.—An Australian Good-night:  
"Deep in the shadow under the hill,"

"Close to the ewe the lamb both will,"

"God be our guide and keep us from ill—  
Sleep! Sleep! Sleep!"

From "Sleep" (Mary Gilmore).

11 p.m.—G.P.O. clock says, "Eleven."  
God Save the King.

## 4QG, BRISBANE.

Tuesday

### MIDDAY SESSION.

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

### FROM HOTEL CARLTON.

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

### FROM THE OBSERVATORY.

1.45 p.m.—Standard time signal.

2 p.m.—Close down.

### AFTERNOON SESSION.

3.30 p.m.—A programme of music from the Studio.

4.15 p.m.—"Telegraph" news.

4.30 p.m.—Close down.

### EARLY EVENING SESSION.

5 p.m.—"Daily Standard" news; announcements.

6.30 p.m.—The Children's Session—Stories by Uncle Jim.

7 p.m.—Market reports; Stock reports.

7.30 p.m.—Weather news; "Daily Standard" news.

7.45 p.m.—Standard time signals.

7.45 p.m.—Lecturette; "Features of the Royal National Show."

### NIGHT SESSION.

#### 90. BATTALION RE-UNION.

The first portion of the programme will comprise the broadcasting of the 9th Battalion annual anniversary.

#### FROM THE ANZAC CLUB.

8 p.m.—9th Battalion Annual "Smoko."

#### ROYAL NATIONAL SHOW.

The second portion of the programme will comprise the broadcasting of a description of the night show from the Exhibition Grounds.

A microphone will be placed in the ring, and an announcer will describe the night show. The main ring events will also be described.

#### FROM THE EXHIBITION GROUNDS.

9 p.m.—A description of the night show.

#### FROM THE STUDIO.

10 p.m.—"The Daily Mail" news; Weather news.

Close down.

## 5CL, ADELAIDE.

Tuesday,

### MORNING SESSION.

12 noon to 2 p.m.

### AFTERNOON SESSION.

3 p.m.—Chimes.

3.15 p.m.—Relay from the Maple Leaf Caf—Orchestral selections.

3.45 p.m.—From the Studio:

Talk by Rev. G. E. Hale, D.A.

4 p.m.—Chimes.

4.15 p.m.—Relay from the Araratia Caf—Orchestral selections.

4.45 p.m.—Station announcements.

5 p.m.—Chimes and close down.

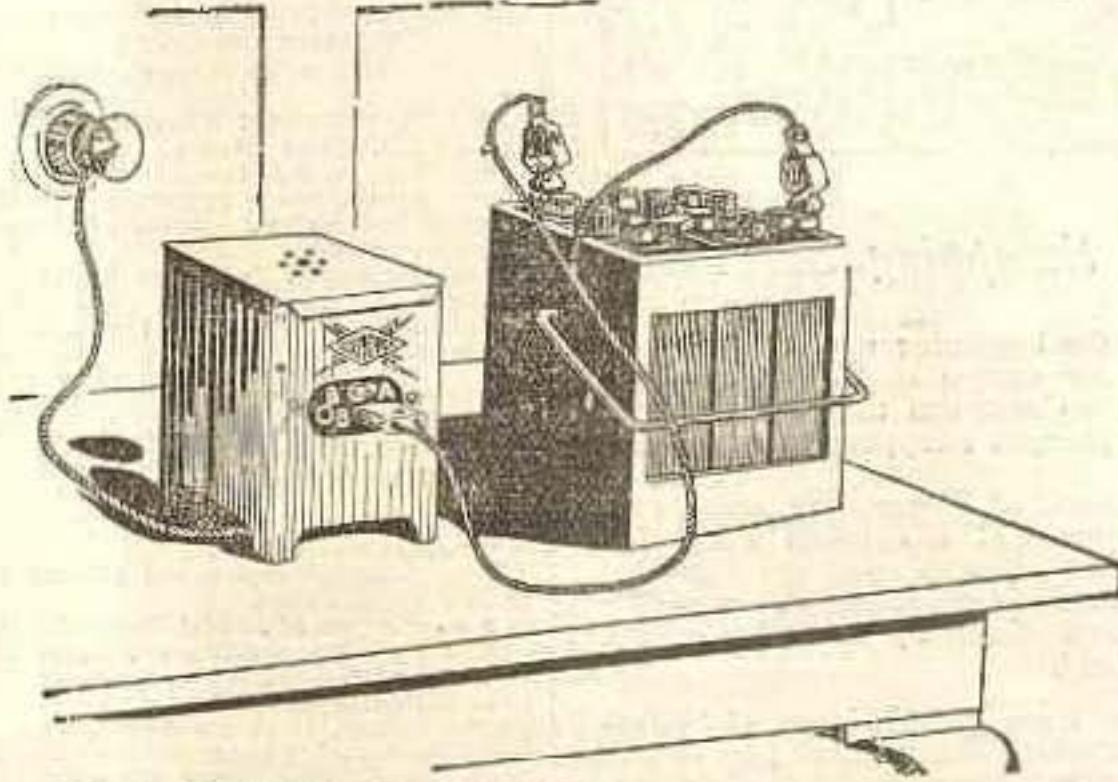
## EVENING SESSION.

6 p.m.—Chimes.  
 6.1 p.m.—Relay from the Covent Garden Restaurant: Orchestral selections.  
 6.30 p.m.—Bedtime Stories by Uncle Jack and Uncle Radio.  
 6.44 p.m.—Running time of the East-West Express.  
 6.45 p.m.—Bedtime stories continued.  
 7.25 p.m.—S. C. Ward & Co.'s Stock Exchange intelligence.  
 7.29 p.m.—Market reports by Messrs. A. W. Sandford and Co., A. E. Hall and Co., Dalgety and Co., S. A. Farmers' Co-operative Union, Taylor Bros., Retail Grocers' Association, and Daw's Fish Market report.  
 7.33 p.m.—Gardening talk by "Spud."  
 7.45 p.m.—Home Beautiful talk by "Domus."  
 8 p.m.—Chimes.  
 8.1 p.m.—Special Chinese Night.  
 Mr. Koh-jo-yie, Chinese Legends.  
 Studio Orchestra will play in incidental music, assisted by the following artists:  
 Mrs. Keith Steward, soprano: Selected.  
 Mr. Ken Hughes, tenor: Selected.  
 Mr. F. G. Guster, basso: Selected.  
 9 p.m.—Official Weather report and forecast.  
 9.1 p.m.—Dalgety's Wheat report.  
 9.3 p.m.—Chinese Night, continued.  
 9.31 p.m.—Dr. Flah.  
 9.45 p.m.—Chinese Night, continued.  
 10.1 p.m.—"Advertiser" news service and Wireless shipping. Windbag's Sporting service.  
 10.15 p.m.—Auction Bridge, by Radio: Game No. 1.  
 10.45 p.m.—Studio Orchestra.  
 11 p.m.—To-morrow's programme, Station announcements. Weather bulletin. National Anthem.

## 6WF, PERTH.

Tuesday.

12.30 p.m.—Tune in.  
 12.35 p.m.—First Local News Bulletin, supplied by courtesy of "The West Australian" Newspaper Coy.  
 Market Reports, supplied by the West Australian Farmers, Limited.  
 Cables, supplied by the Australian Press Association.  
 1 p.m.—Time Signal from Perth Observatory.  
 1.1 p.m.—Weather Notes, supplied by the Meteorological Bureau of Western Australia.  
 1.2 p.m.—STUDIO QUINTETTE.  
 1.30 p.m.—Close down.  
 3.30 p.m.—Tune in.  
 3.35 p.m.—Musical Programme, including Pianoforte Selections.  
 4 p.m.—INSTRUMENTAL TRIO.  
 4.30 p.m.—Close down.  
 6.45 p.m.—Tune in.  
 6.50 p.m.—PLAYETTE, by the Aunties and Uncles.  
 7.20 p.m.—Stock and Share Intelligence, supplied by courtesy of Messrs. Saw and Grimwood, Limited.  
 Market Reports, supplied by the West Australian Farmers, Limited.  
 Local News Bulletin, supplied by courtesy of "The West Australian" Newspaper Coy.  
 Cables, supplied by the Australian Press Association.  
 7.45 p.m.—Talk.  
 8 p.m.—Time Signal from Perth Observatory.  
 8.1 p.m.—Weather Notes, supplied by the Meteorological Bureau of Western Australia.  
 8.2 p.m.—ORCHESTRAL NIGHT:  
 Concert by the STATION ORCHESTRA, under the conductorship of MR. RONALD MOYLE, A.T.C.L.  
 Vocal Artiste.  
 10 p.m.—Late News Bulletin, supplied by courtesy of "The Daily News" Newspaper Coy.  
 Ships in range.  
 Weather Report and Forecast.  
 10.30 p.m.—Close down.



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**Colville Moore Wireless Supplies Limited**  
 10 ROWE STREET, SYDNEY . . . Next Hotel Australia  
 'Phone B 2261



## Swapping Sets!

In the beginning men traded coconuts for cowrie shells. To-day the Divorce Court and the Motor Trader have brought swapping to a fine art.

Women, of course, are more conservative. It has taken them ten thousand years to swap the Fig Leaf for the Short Skirt and the tendency to-day is distinctly in favor of the Fig Leaf.

Now I see by this issue of "Wireless Weekly" that my old pals of 280 Castlereagh Street, Sydney—New System Telephones Pty., Ltd.—are coming into the radio set game on top gear, doing for the set owner what their Burgess and Philco have done for batteries.

But you can read all about this Drum Control "New System 5" in the advertising columns and you will probably chuckle as wickedly as I did at its slogan "Makes other sets old." It sounds like a new face powder or a cure for wrinkles!

What really interests me is their creation of a kind of "Used Car Department"—drive in your old set and drive out the new! Any owner, it seems, can trade in his old set and have a superb new set installed, paying the balance on easy terms, and having expert tuition into the bargain.

That suits me! I don't know a "Drum Control" from a cab horse, but I guess that the Company which gave us Burgess and Philco batteries would never spring anything in sets which was not about five years ahead of the game.

Anyhow, it will tickle me to swap my old three dial set for a modern wonder and then say casually to that skite next door:

"My word, Bill, this Drum Control is a corker, and its addition of Regeneration to the R.F. Voltage gives tremendous total amplification."

If that doesn't knock him cold, I shall be very surprised. My tip is that after three talks in the tram, Bill will take an axe to his present set! When he has finished the job—not before—I will tell him what the New System folk allowed me on my ancient roarer."

## 7ZL, HOBART

Tuesday.

### MORNING SESSION.

11 a.m. to 12 noon.

### AFTERNOON SESSION.

1 p.m.—G.P.O. Clock Chimes.  
1.15 p.m.—Tune in Selection.  
1.30 p.m.—Hobart Stock Exchange quotations.  
Weather information. Items of interest—Announcements.  
1.45 p.m.—Orchestral Selections by 7ZL  
Orchestra.  
1.55 p.m.—Bridge Instruction—Lesson 2.  
2.00 p.m.—Close down.

### EARLY EVENING SESSION.

6.30 p.m.—"Aunt Stella" Talks to the Children.

7 p.m.—"Uncle Hector."

### NIGHT SESSION.

7.30 p.m.—Musical Selection.  
7.35 p.m.—Literary Lapses and Library Lists  
by Mr. W. E. Fuller.  
7.40 p.m.—"Mercury" special Tasmanian news  
service. Railway Auction Prudue sales.  
Weather information.  
8 p.m.—G.P.O. Clock Chimes.  
8.15 p.m.—Concert from the Studio, including  
Hand Bells and Choral Numbers by Ken-  
nerley Boys' Home, under the direction of  
Captain and Mrs. Kallend.  
9 p.m.—Selected numbers by Miss Margaret  
Hickman (mezzo-soprano).  
9.15 p.m.—British Official Wireless news.  
9.30 p.m.—"Mercury" special Tasmanian news  
service. Ships within Wireless range.  
Weather reports.  
9 p.m.—Weather forecasts. Station announce-  
ments.  
National Anthems.

## Wednes., August 10

## 2FC, SYDNEY

### EARLY MORNING SESSION.

7 a.m.—"Big Ben" and announcements.  
7.30 a.m.—Studio music.  
7.45 a.m.—COUNTRY SESSION: Official wea-  
ther forecast, rainfall, temperatures, astro-  
nomical memoranda, shipping intelligence,  
mail service.  
7.55 a.m.—Investment market, mining share  
market, metal quotations.  
7.55 a.m.—Wool sales, breadstuffs markets,  
interstate markets, produce markets.  
7.55 a.m.—"Sydney Morning Herald" sum-  
mary.  
8 a.m.—"Big Ben" Close down.

### MORNING SESSION.

10 a.m.—"Big Ben" and announcements.  
10.30 a.m.—Studio music.  
10.45 a.m.—A Reading.  
10.45 a.m.—Studio music.  
11 a.m.—"Big Ben."  
Marching music for school children.  
11.15 a.m.—A.P.A. and Reuter's Cable Services.  
11.15 a.m.—Studio music.  
11.15 a.m.—A talk on Home Cooking and Re-  
cipes 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.  
12.30 p.m.—Official weather forecast, rainfall.  
12.45 p.m.—Studio music.  
12.55 p.m.—Summary of "Sydney Morning  
Herald" news service.  
Rugby wireless news.  
12.55 p.m.—Studio music.  
12.55 p.m.—Marching music for school chil-  
dren.  
12.45 p.m.—FAITH MALLABY, mezzo.

12.45 p.m.—THE OAK HALL INSTRUMENTAL TRIO (leader, Mr. Horace Keats).  
12.55 p.m.—Studio music.

1 p.m.—"Big Ben," Weather intelligence.  
1.30 p.m.—"Evening News" midday news ser-  
vice.

Producers' Distributing Society's Report.  
1.30 p.m.—THE OAK HALL INSTRUMENTAL TRIO.

1.30 p.m.—Stock Exchange, second call.  
1.30 p.m.—Marching music for school children.  
1.45 p.m.—FAITH MALLABY, mezzo.

1.45 p.m.—Studio music.  
1.55 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
1.55 p.m.—Studio music.  
2 p.m.—"Big Ben," Close down.

### AFTERNOON SESSION.

3 p.m.—"Big Ben" and announcements.  
3.30 p.m.—Studio music.  
3.45 p.m.—A Reading.

3.45 p.m.—Marching music for school children.  
3.45 p.m.—PEGGY DUNBAR, contralto:  
"In an Old-fashioned Town" (Squire).

3.45 p.m.—Studio music.  
3.55 p.m.—THE OAK HALL INSTRUMENTAL TRIO (leader, Mr. Horace Keats).  
3.55 p.m.—MARGARET GRIMSHAW, mezzo:

"Mighty like a Rose" (Nevin).

4 p.m.—JOYCE GILLERPIE, soprano:  
"Sometimes when Night is Nigh" (Phillips).

4.30 p.m.—THE OAK HALL INSTRUMENTAL TRIO.

4.45 p.m.—LILY HANCOTT, soprano:

"Over the Waters Blue" (Clarke).

4.45 p.m.—PEGGY DUNBAR, contralto:

"Love's Old Sweet Song" (Molloy).

4.45 p.m.—HILDA NELSON, mezzo-soprano:

"The Hills of Donegal" (Anderson).

4.55 p.m.—Studio music.

4.55 p.m.—MARGARET GRIMSHAW, mezzo:

"Over the Meadow" (Carew).

4.55 p.m.—JOYCE GILLERPIE, soprano:

"Through the Sunrise" (Nutting).

4.55 p.m.—Stock Exchange, third call.

4.55 p.m.—LILY HANCOTT, soprano:

"Wake Up" (Phillips).

4.55 p.m.—HILDA NELSON, mezzo-soprano:

"Fantasy" (Loewy).

4.55 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of

Mr. Cyril Kaye.

5 p.m.—"Big Ben," Close down.

### EARLY EVENING SESSION.

5.45 p.m.—The Chimes of 2FC.

5.55 p.m.—The "Hillie Man" talks to the children.

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

6.45 p.m.—Dinner music.

7 p.m.—"Big Ben," Late sporting news.

7.15 p.m.—Dalgety's market reports (wool,  
wheat and stock).

7.15 p.m.—Fruit and vegetable markets.

7.20 p.m.—Weather and shipping news.

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

### NIGHT SESSION.

7.45 p.m.—Programme announcements.

7.50 p.m.—W. F. KAY in the second of his  
new series of Stage Talks:  
Subject, "Strolling Players."

8.30 p.m.—"Is it Your Birthday?"

8.30 p.m.—FROM THE CONSERVATORIUM HALL, SYDNEY:

The second concert of the 1927 series by  
the SYDNEY MADRIGAL SOCIETY, con-  
ducted by Mr. Arnold Mote.

THE SYDNEY MADRIGAL SOCIETY'S CHOIR.

8.30 p.m.—LAURENCE MACAULAY, Scotch baritone.

8.30 p.m.—THE SYDNEY MADRIGAL SOCIETY'S CHOIR.

8.30 p.m.—Items for two "Grand" Pianos:  
MISSSES BESSIE COLEMAN and DOROTHY GIBBS.

8.40 p.m.—THE SYDNEY MADRIGAL SOCIETY'S CHOIR.

8.45 p.m.—J. CROSBY BROWN, clarinet solo.

8.55 p.m.—THE SYDNEY MADRIGAL SOCIETY CHOIR conducted by Mr. Arnold Mote.

9.5 p.m.—During the interval at the Conservatorium, a special Book Competition will be given from the Studio.  
**9.10 p.m.—FROM THE CONSERVATORIUM HALL, SYDNEY:** The second part of the Concert by the Sydney Madrigal Society.  
**THE SYDNEY MADRIGAL SOCIETY'S CHOIR.**  
**9.10 p.m.—LAURENCE MACAULAY,** Scotch baritone.  
**9.25 p.m.—THE SYDNEY MADRIGAL SOCIETY'S CHOIR.**  
**9.35 p.m.—Concerto for two Pianos:**  
 MISSES BESSIE COLEMAN and DOROTHY GIBBS.  
**9.50 p.m.—THE SYDNEY MADRIGAL SOCIETY'S CHOIR.**  
**9.57 p.m.—J. CROSBY BROWN,** clarinet solo.  
**10.3 p.m.—THE SYDNEY MADRIGAL SOCIETY'S CHOIR.**  
**10.10 p.m.—SHIRLEY COOKE,** comedienne.  
**10.17 p.m.—Studio music.**  
**10.23 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA,** under the baton of Mr. Cyril Kaye.  
**10.30 p.m.—SHIRLEY COOKE,** comedienne.  
**10.34 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA.**  
**10.45 p.m.—SHIRLEY COOKE,** comedienne.  
**10.50 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA.**  
**10.57 p.m.—Late news and announcements.**  
**11 p.m.—"Big Ben."**  
**THE WENTWORTH SYMPHONIC DANCE ORCHESTRA** until 11.30 p.m.  
**11.30 p.m.—National Anthem.**  
 Close down.

## 2BL, SYDNEY.

Wednesday.

**EARLY MORNING SESSION.**  
**7.0 a.m.—G.P.O. Clock and Chimes;** Metropolitan Weather Forecast.  
**7.2 a.m.—State Weather Report.**  
**7.4 a.m.—News from the "Daily Telegraph Pictorial."**  
**7.15 a.m.—G.P.O. Clock and Chimes;** Fruit Market Report.  
**7.18 a.m.—Vegetable Market Report.**  
**7.20 a.m.—A.M.L.F. Co.'s Report.**  
**7.24 a.m.—Dairy Farm Produce Market Report.**  
**7.26 a.m.—Poultry Market Report.**  
**7.30 a.m.—G.P.O. Clock and Chimes;** Musical Programme from the Studio.  
**7.36 a.m.—News from the "Daily Telegraph Pictorial."**  
**7.41 a.m.—Boats in Call by Wireless.**  
**7.43 a.m.—Mail Information;** Shipping Arrivals and Departures, and Port Directory.  
**7.45 a.m.—G.P.O. Clock and Chimes;** News from the "Daily Telegraph Pictorial."  
**8.0 a.m.—G.P.O. Clock and Chimes;** Close Down.

### MORNING SESSION.

**11.0 a.m.—G.P.O. Clock and Chimes;** Musical Programme from 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. Jordan. Talk on "Dental Hygiene," by a member of Dental Board.

### AFTERNOON SESSION.

**12 noon—G.P.O. Clock and Chimes;** Special Ocean Forecast and Weather Report.  
**12.3 p.m.—Musical Programme from the Studio.**  
**12.15 p.m.—Information;** Mails, Shipping, and Port Directory.  
**12.18 p.m.—Boats in Call by Wireless.**  
**12.20 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;** Forage 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.—Hilliers' Instrumental Quartette;** Direction, Garry Castling.

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1.30 p.m.—Talk to Children and Special Entertainment for Children in Hospital.  
2.0 p.m.—G.P.O. Clock and Chimes; Musical Programming from Studio. Racing Information Broadcast immediately after each race by courtesy of the "Sun."  
2.15 p.m.—Racing Results.  
2.15 p.m.—News from the "Sun."  
2.25 p.m.—Operatic Talk.  
3.0 p.m.—G.P.O. Clock and Chimes; News from the "Sun."  
3.10 p.m.—Musical Programmes from the Studio.  
3.20 p.m.—Talk on "How to Maintain Your Health," by Dr. Du Maurier.  
3.45 p.m.—Dungowan Cabaret Dance Band.  
4.0 p.m.—G.P.O. Clock and Chimes; News from the "Sun."  
4.15 p.m.—Serial Story.  
4.30 p.m.—Dungowan Dance Band.  
4.45 p.m.—News from the "Sun."  
4.50 p.m.—Racing Results.  
4.55 p.m.—Results of Night's Programme.  
4.55 p.m.—Announcements and What's On.  
5.0 p.m.—G.P.O. Clock and Chimes; Close Down.

### EARLY EVENING SESSION.

5.45 p.m.—G.P.O. Clock and Chimes; Uncle Bass and the Kiddies.  
6.00 p.m.—Musical Programmes from the Studio.

### SPECIAL COUNTRY SESSION.

7.0 p.m.—G.P.O. Clock and Chimes; Australian Mercantile Land and Finance Co.'s Report; Weather Report and Forecast by Courtesy of Government Meteorologist; Producers' Distributing Society's Fruit and Vegetable Market Report; Stock Exchange Reports; Grain and Fodder Report ("Sun"); Dairy Produce Report ("Sun").  
7.15 p.m.—Country News from the "Sun."  
7.30 p.m.—Talk by a Member of the St. John Ambulance Brigade.  
8.0 p.m.—G.P.O. Clock and Chimes; Broadcasters' Topical Chorus.  
8.15 p.m.—The Canterbury District Band (Bandmaster, Mr. Stan Nichols). Broadcast from Baker's Hall, Camperdown.  
8.25 p.m.—Mr. Raymond Beatty (Bass).  
8.30 p.m.—Broadcasters' All Sports Expert will talk on Boxing.  
8.45 p.m.—Mr. Lew James (Jewish Comedian).  
8.52 p.m.—Miss Millie Hughes (Soprano).  
9.0 p.m.—G.P.O. Clock and Chimes; Weather Report and Forecast by Courtesy of Mr. C. J. Mares, Government Meteorologist.  
9.1 p.m.—Broadcasters' Trio.  
9.5 p.m.—Mr. Kyrie Sylvaney (Actor Vocalist).  
9.15 p.m.—Duet, Miss Millie Hughes and Mr. Raymond Beatty.  
9.20 p.m.—The Newtown Band.  
9.40 p.m.—Mr. Raymond Beatty.  
9.47 p.m.—Miss Millie Hughes.  
9.54 p.m.—Broadcasters' Trio.  
10.1 p.m.—Mr. Kyrie Sylvaney.  
10.8 p.m.—Mr. Lew James.  
10.15 p.m.—Cec. Morrison and His Gloomshakers Broadcast from the Ballroom of the Bondi Casino. During Intervals between Dances "Sun" News will be broadcast.  
11.0 p.m.—G.P.O. Clock and Chimes; National Anthem.

## 2GB, SYDNEY

Wednesday.

9 a.m.—Music.  
9.5 a.m.—Cheerio Talk.  
9.15 a.m.—Music.  
9.30 a.m.—Psychological Class.  
9.45 a.m.—Music.  
9.45 p.m.—Health Talk and Diet.  
10 p.m.—Close down.

### AFTERNOON SESSION.

2.30 p.m.—Music.  
2.37 p.m.—Address.  
2.52 p.m.—Music.  
4.7 p.m.—Address.  
4.42 p.m.—Music.  
4.50 p.m.—Close down.

### EVENING SESSION.

6.30 p.m.—Music, and Children's Session.  
7 p.m.—Music.  
7.5 p.m.—Address.  
7.15 p.m.—Benediction—Church Service.  
7.40 p.m.—Address.  
7.45 p.m.—Music.  
7.50 p.m.—Announcements.  
7.55 p.m.—Songs by Eva Casimir:  
1. "Quere les yeux bleus" (Massenet).  
2. "None but the weary heart" (Poplakow, sky).  
8.0 p.m.—Address by Professor Ernest Wood.  
8.20 p.m.—Instrumental Trio:  
MONICA HORDER, MURIELLE LANG, ADA BROOK.  
8.30 p.m.—2GB. Vocal Quartet:  
1. "The rising of the Lark."  
2. "Home."  
3. "Brightest hopes are best."

ETHEL JONES, EVA CASIMIR,  
THOMAS HALL, CLEMENT KIRKING.  
8.45 p.m.—Violin Solos, DAN SCULLY:  
1. "Allegro from Sonata in F" (Beethoven).  
2. "Adagio from Sonata in F" (Beethoven).  
8.50 p.m.—Duets for two violins with piano accompaniment:  
DAN SCULLY, MONICA HORDER, ADA BROOK.

9 p.m.—Recital by Mr. Walter Hunt.  
9.15 p.m.—Songs by Ethel Jones:  
1. "Ships of Araby" (Head).  
2. "The Old I Charged Path" (Arundale).  
9.20 p.m.—Duets for two violins with piano accompaniment:  
DAN SCULLY, MONICA HORDER, ADA BROOK.  
9.30 p.m.—2GB Vocal Quartet:  
1. "To all ye ladies."  
2. "Sweet merry, merry roving bee."  
3. "Himeward Bound."  
9.35 p.m.—Songs by Clement Hocking:  
1. "Drink to me only with thine eyes" (Old Air).  
2. "The Vicar of Bray" (Old Air).  
9.40 p.m.—Talk.  
10 p.m.—Close down.

## 3LO, MELBOURNE.

Wednesday.

### 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 News from Rugby; Reuter's and the Australian Press Association Cables; "Argus" News Service.

12.20 p.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS:  
"My Mammy's In Town" (Hirsch).  
"Lonely Eyes" (Davis).  
"My Cutie Is Due at Two to Two To-day" (Robin).

12.30 p.m.—LESLIE ELLIOTT, Comedian:  
"A Woman Costs Less Than a Man."  
"We've Got Two of Everything at Home" (Elliot).

12.37 p.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS:  
"School Day Sweethearts" (Edwards).  
"I'm Going to Plant a Rose in California" (Swift).  
"Oriental Moonlight" (Seaman).

12.47 p.m.—Stock Exchange Information.  
12.50 p.m.—A. G. SPRY, Comedian:  
"Father's Little Shirt."  
"The Ministry of Labor."

12.57 p.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS:  
"If I Didn't Know Your Husband and You Didn't Know My Wife."  
"The Far Away Hells" (Gordon).  
"Oh Marie" (Di Capua).

1.1 p.m.—Meteorological Information; Shipping Intelligence; Weather Forecast for Victoria, South Australia, Tasmania and New South Wales; Ocean Forecast; River Reports; Rainfall for Victoria, South Australia, Tasmania and New South Wales.

1.15 p.m.—JOE ARONSON AND HIS SYN-COPATING SYMPHONISTS:  
"Novelty Numbers."

1.25 p.m.—MILDRED AND CONNIE:  
Piano, Violin and Song, "Al, Ah, Me Too."  
Song, Piano accomp., "Get Somebody to Love."  
Accordian March,  
"Mother Machree."

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

"To-night You Belong to Me" (Rose).  
"Me Too, Ho, Ha, Ha" (Woods).

"Dog on the Piano" (Shaniro).

1.45 p.m.—SIDNEY BURCHALL, Baritone:  
"Along the Winding Trail" (Clapham).

"If You See Sally" (Donaldson).

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

"He's the Last Word" (Kahn).

"Blame It on the Waltz" (Kahn).

"My Pal Jerry" (Rose).

2.00 p.m.—Description of Mernda Hurdle Race,  
2 miles, FINDON HARRIERS' HUNT CLUB MEETING, AT MOONEE VALLEY RACES, by "Musket," of "The Sporting Globe."

2.15 p.m.—Close Down.

2.25 p.m.—Description of Woolert Malden Hunters' Steeple, 2 miles 8 chains.

2.30 p.m.—Close Down.

2.40 p.m.—Description of Bournefield Park Handicap, 2 furlooms, FINDON HARRIERS' HUNT CLUB MEETING AT MOONEE VALLEY RACES, by "Musket," of "The Sporting Globe."

#### AFTERNOON SESSION.

3.00 p.m.—Description of CARNIVAL FOOT-BALL MATCH—WEST AUSTRALIA v. SOUTH AUSTRALIA, at M.C.G., by Mr. Rod McGregor.

3.10 p.m.—STUDIO ORCHESTRA:

"Valse Staccato" (Piastrino—Borisoff).

3.15 p.m.—Description of Epping Cup, 1½ miles, FINDON HARRIERS' HUNT CLUB MEETING AT MOONEE VALLEY, by "Musket," of "The Sporting Globe."

3.20 p.m.—ELSA STRALIA, Soprano:  
"A Night of Love" (Speir),  
"Morning" (Speirs).

3.25 p.m.—Description of CARNIVAL FOOT-BALL MATCH—WEST AUSTRALIA v. SOUTH AUSTRALIA, at M.C.G., by Mr. Rod McGregor. Quarter time.

3.40 p.m.—Description of Findon Hunt Steeple, 2 miles 8 chains, FINDON HARRIERS' HUNT CLUB MEETING AT MOONEE VALLEY, by "Musket," of "The Sporting Globe."

3.45 p.m.—FOSTER AND NEEDHAM, Tenor and Baritone:  
Frank Foster, "My Word" (Bennet).

"If You Were Here" (Squire).

Robert Needham, "For Ever and for Ever" (Toselli).

3.50 p.m.—STUDIO ORCHESTRA:  
"Tomahawk Dance" (Herman).

"You and I" (Latter).

4.00 p.m.—Description of CARNIVAL FOOT-BALL MATCH—WEST AUSTRALIA v. SOUTH AUSTRALIA—at M.C.G., by Mr. Rod McGregor. Half Time.

4.10 p.m.—ELSA STRALIA, Soprano:

"Over the Dreamland Sea" (Phillips).

4.15 p.m.—Description Whittlesea Steeplechase, Flat, 1½ miles, FINDON HARRIERS' HUNT CLUB MEETING AT MOONEE VALLEY, by "Musket," of "The Sporting Globe."

#### AFTERNOON SESSION.

4.20 p.m.—STUDIO ORCHESTRA:

Minuet from Symphony (Mozart).

"The Lover's Song" (Wheelock).

4.27 p.m.—SISTER LOCKHART:  
Infant Welfare.

4.37 p.m.—Description of CARNIVAL FOOT-BALL MATCH—WEST AUSTRALIA v. SOUTH AUSTRALIA, at M.C.G., by Mr. Rod McGregor. Three-quarter Time.

4.45 p.m.—Description of Woodstock Corinthian Handicap, 1 mile, FINDON HARRIERS' HUNT CLUB MEETING AT MOONEE VALLEY, by "Musket," of "The Sporting Globe."

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

5 p.m.—Description of CARNIVAL FOOT-BALL MATCH—WEST AUSTRALIA v. SOUTH AUSTRALIA—at M.C.G., by Mr. Rod McGregor. Final scores.

5.10 p.m.—Close down.

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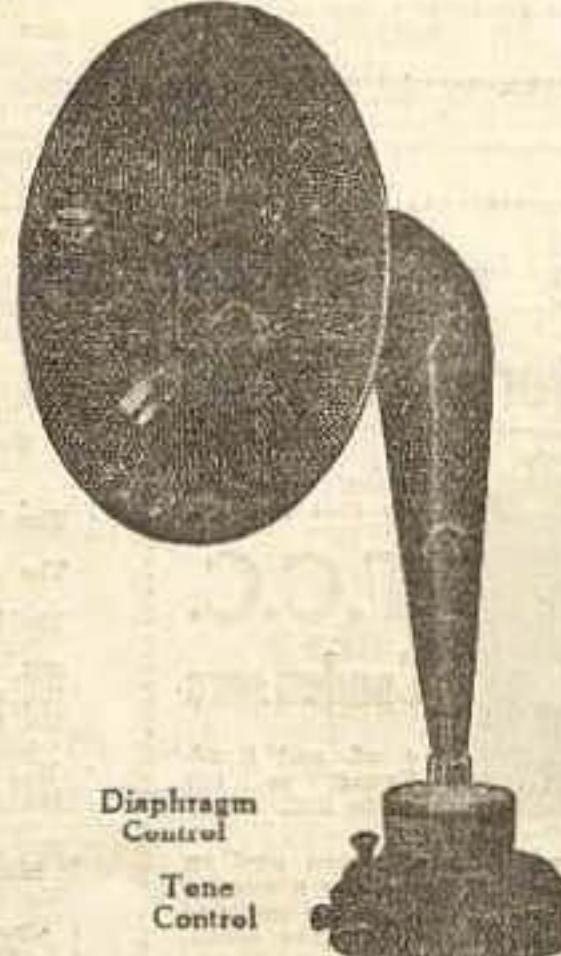
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**EVENING SESSION.**

7.30 p.m.—Answers to Letters and Birthday Greetings, by "MARY, MARY."  
7.45 p.m.—DR. FLOYD AND THE CHORISTER from St. Paul's Cathedral will entertain the Children with Songs and Choruses.

8.00 p.m.—"MARY, MARY":  
"Atlanta's Best."  
THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TO-DAY IS FOR EVERYBODY—  
"Look ahead, think ahead, act ahead, keep your head."

**NIGHT SESSION.**

7.15 p.m.—Under the auspices of the DEPARTMENT OF AGRICULTURE, MR. H. A. COCK, Citriculturist, will speak on "Tomato Growing."

7.30 p.m.—MR. FRANK SMITHY, of Cobb and Co.'s Coaches, will speak on "Coaching in Warrnambool 50 Years Ago."

7.45 p.m.—CAPTAIN C. H. PEREIRA:  
"Books, Wine and Otherwise."

8.00 p.m.—SALVATION ARMY BAND:  
March, "Deliverance" (Twitchen).  
Trombone Trio, "Comrades in Arms" (APP. Cole).

8.10 p.m.—A. G. SPERRY, Comedian:  
"Mad."

"An Hour, Some Ham, and an Onion."

8.15 p.m.—SALVATION ARMY BAND:  
March, "Scoutney."

8.24 p.m.—LESLIE ELLIOT, Comedienne:  
"Fair Weather Friends" (Khici).

"I Shall Say to Him" (unpublished).

8.31 p.m.—ONE-ACT PLAY, "THE SETTING OF THE SUN."

"A scrap from the life album of an old country Vicar, his two daughters and a lover."

**CHARACTERS:**

Rev. James Moorfield (a Vicar), P. L. Julian; Janet Moorfield (his elder daughter), Eugene Durran; Lucy Moorfield (his younger daughter), Beatrice Beast; Harry Lane (a lover), Terence Crisp.  
Exterior of Vicarage, opening on to garden; table set for tea in porch; time: sunset.

8.45 p.m.—SALVATION ARMY BAND:

Selection, "Pilgrimage."

8.50 p.m.—Announcements.

8.55 p.m.—ELSA STRALIA, soprano:

"A Heart That's Free" (Robyn).

"Because I Love You" (Herrlin).

9.00 p.m.—HENRY THOMAS' QUARTETTE:  
"THE PHILOSOPHER AND THE LADY,"

A Song Cycle for Four Voices.

Written by Helen Taylor. Composed

by Easthope Martin.

Casts:

The Philosopher (Baritone).

MR. HENRY THOMAS

The Lady (Contralto).

MISS ALICE HUNT

The Lovers (Soprano and Tenor).

MRS. HENRY THOMAS and

MR. HORACE CALVERT.

No. 1 Quartette: "To Love or not to Love."

No. 2 Solo (Tenor): "All in a Lily White Gown."

No. 3 Solo (Contralto): "The Hidden Song."

No. 4 Duet (Soprano and Tenor): "A Song to You."

No. 5 Solo (Baritone): "The Philosopher's Song."

No. 6 Solo (Tenor): "Your Eyes the Stars."

No. 7 Duet (Contralto and Baritone): "The Legend of the Ring."

No. 8 Solo (Soprano): "Starlight and Lovelight."

No. 9 Quartette: "Love Triumphant."

At the Piano: MR. CYRIL HALL.

In this volume of songs, dances and quartettes the author and composer wish it to be understood that the title is not meant to indicate an attempt on their part to probe exhaustively the depths of "sublime philosophy" nor to scale the topmost heights above."

"The Philosopher" is intended to typify a rather cynical bachelor who, however, possesses the ennobling grace of傾earing to second thoughts. The "lady" stands for tender sympathetic experience, while the

"lovers" pursue their own blissful way, happy and self-sufficient, contemptuous of all else than their mutual adoration.

10.15 p.m.—SALVATION ARMY BAND:  
Selection, "Gems from the Great Masters" (arr. McMally).

10.22 p.m.—"Argus" news service. Meteorological information. British Official Wireless news from Rugby.

10.28 p.m.—SIDNEY BURCHALL, Bassoon:  
"Blowzy Sally" (Robinson).

"For My Sweetheart" (Donaldson).

10.45 p.m.—MR. A. W. JACKSON:  
Country Gulf Week—Comments on the Day's Play."

11 p.m.—OUR GREAT THOUGHT:  
"We should be as careful of our words as of our actions, and as far from speaking ill as from doing ill." (Cicero).

11.15 p.m.—JOE ABROSON AND HIS SYNCOPIATING SYMPHONISTS.

11.45 p.m.—GOD SAVE THE KING.

**3AR, MELBOURNE**

Wednesday.

**MORNING NEWS SESSION.**

11 a.m. to 12 noon.

**MIDDAY CONCERT SESSION.**

12.1 p.m. to 1 p.m.

Transmitted from Panatope House, 222 Collins Street, Melbourne (by exclusive permission of Willis and Paton, Ltd.).

**MATINEE SESSION.**

**DANCE CONCERT.**

Sport—During the afternoon the results of the Findon Harriers' Races, at Moonee Valley will be given as they come to hand.

2.30 p.m.—Studio Orchestra.

2.45 p.m.—Ayers Dancers.

3.0 p.m.—Mr. Ernest Pettifer, saxophone:  
"Value Brilliant" (Doer).

3.15 p.m.—Studio Orchestra.

3.30 p.m.—Mr. Fred Champion, bassoon:  
entertainer.

3.45 p.m.—Ayers Dancers.

4 p.m.—G.P.O. clock says, "Four."

4.1 p.m.—Second weather forecast.

4.3 p.m.—Miss Ethel Brewster, piano:  
"Ave Maria" (Schubert), by request.

4.45 p.m.—Studio Orchestra.

4.55 p.m.—Mr. Fred Champion, humorous entertainer.

4.57 p.m.—Mr. Herbert Pettifer, violin:  
"Louri" (Bach).

4.58 p.m.—Ayers Dancers.

4.59 p.m.—Studio Orchestra.

5.05 p.m.—To-night's entertainment.  
5 p.m.—G.P.O. clock says, "Five."

Close down.

**CHILDREN'S SESSION.**

6.30 p.m.—The "Farmyard Five."

**EVENING SESSION.**

**RADIO COMPETITION CONCERT.**

7.30 p.m.—Mr. Horrie Clover, of the Carlton Football Club. Ten minutes on the interstate carnival of football.

7.45 p.m.—Mr. Lindsay McCutcheon (of the Town Planning Commission). Ten minutes talk of popular interest.

7.55 p.m.—Market reports. Notices.

8 p.m.—G.P.O. clock says, "Eight."

8.15 p.m.—Mr. Walter Quirk, solo pianist:  
"Schubert" (Mendelssohn),  
"Black Note Study" (Chopin).

8.30 p.m.—Mr. William Anderson, tenor:  
"The Snowy-Breasted Pearl" (Robinson).

8.45 p.m.—Miss Elizabeth Lester, cello:  
"Andante" (Popper).

8.55 p.m.—The Silverstone Male Quartette—  
Messrs. William Anderson (tenor), Alexander Main (bass), William Booth (baritone), Herbert Palmer (bass);  
"Rainy Day" (Sullivan),  
"Kentucky Babe" (Gibson).

8.27 p.m.—Announcements.  
 8.30 p.m.—Miss Winifred Mayberry, contralto:  
 "Angus Macdonald" (Roeckel).  
 "I Love the Moon" (Ribbens).  
 8.38 p.m.—Miss Ruby Stevenson, violin:  
 "Thai" (Massenet).  
 "Schon Rosmarin" (Kreisler).  
 8.45 p.m.—Mr. J. Harcourt-Bailey, entertainer:  
 "The Liverwing Testimonial" (Spurr).  
 8.55 p.m.—Messrs. Herbert Palmer and Alexander Main:  
 Doe, "Waterman, what of the night"  
 (Sargent).  
 Duet, "Twilicht."  
 9.1 p.m.—Miss Elizabeth Lester, cello:  
 "Liebeverbung" (Becker).  
 "Le Cygne" (St. Saens).  
 9.9 p.m.—The Silverstone Four:  
 "Calm in the sea" (Pfeiff).  
 "Honey, I want you now" (Coe).  
 9.16 p.m.—Radio Game Competition:  
 The competition consists of 14 questions, which will be asked you by the Studio Master. He will allow you ample time to write each question down. The answer to each question which you are to guess will be a radio term.  
 Competitors are asked to write the answer by the side of each question. Replies marked "Game Competition" must be received at 3AR, Melbourne, not later than Friday, 12th August, at 6 p.m.  
 First Prize, £2/2/-.  
 Second Prize, £1/1/-.  
 9.31 p.m.—Miss Winifred Mayberry, contralto:  
 "The Fairy Pipers" (Brewer), by request.  
 "The Poetry" (Nevin), by request.  
 9.39 p.m.—Miss Ruby Stevenson, violin:  
 "Secrets" (Moszkowski).  
 "Mehalle" (Glinka-Kreisler).  
 9.47 p.m.—Mr. J. Harcourt-Bailey, entertainer:  
 "The Whitest Man I Know" (Milton Hayes).  
 10.05 p.m.—Mr. William Booth, baritone:  
 "The Two Grenadiers" (Schumann).  
 10.1 p.m.—G.P.O. clock says, "Ten."  
 10.1 p.m.—The "Ago" news bulletin, exclusive to 3AR.  
 10.5 p.m.—Dance Hour. Leggett's Ballroom Orchestra (Direction, Mr. Harry Nangle).  
 10.55 p.m.—To-morrow's entertainment.  
 10.59 p.m.—An Australian Good-night Thought:  
 "The works of man are but little worth;  
 For a time they stand, for a space endure;  
 But turn once more to your Mother-Earth,  
 My gifts are gracious, my works are  
 sure."  
 From "The Earth-Mother" (John Sandes).  
 11 p.m.—G.P.O. clock says, "Eleven."  
 God Save the King.

## 4QG, BRISBANE.

Wednesday.

### EARLY MORNING SESSION.

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

### MIDDAY SESSION.

#### OPENING OF THE ROYAL NATIONAL SHOW.

The official opening of the Royal National Show will be relayed direct from the Show-ground.

#### FROM THE EXHIBITION GROUND—

12 noon—Official opening of the Annual Show by His Excellency the Governor-General (Baron Stonehaven).

#### FROM THE STUDIO—

12.30 p.m.—Market reports; Weather information; "The Daily Mail" and "The Daily Standard" news.

#### FROM THE EXHIBITION GROUND—

1 p.m.—The official luncheon in connection with the opening of the show. Speeches will be delivered by:—  
 His Excellency the Governor-General (Baron Stonehaven).

# RADION

## For Radio Panels and Insulation

An insulating material of highest Standard and Dielectric Strength.

Used and acclaimed best by all the leading manufacturers of radio parts and sets.

We carry a complete line of Radion—Tubes, Panels, Sockets—in Black and Mahogany.

We are equipped to cut any size desirable and give prompt deliveries.

Radion is sold by all Radio Dealers and Merchants the whole of Australia over.

We will be pleased to hear from anyone, or from any manufacturer of radio parts or sets where Radion can be used.

## International Radio Co. Ltd.

200 Castlereagh Street  
Sydney

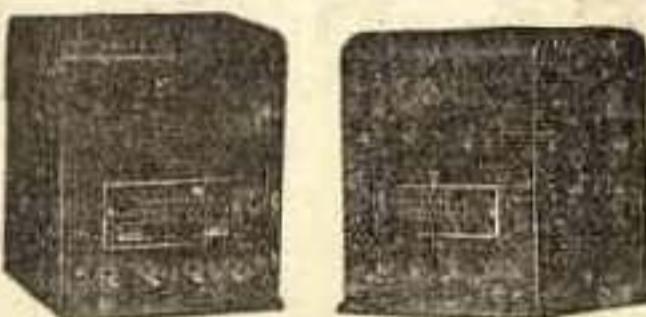
# B Battery Eliminators and Parts

WE HAVE NOW IN STOCK A COMPLETE RANGE OF PARTS FOR THE CONSTRUCTION OF "B" BATTERY ELIMINATORS.

GENERAL RADIO  
Rectifier Transformer Specially Designed for Plate Supply Units.

PRICE, 60/-.

FILTER CHOKE.  
PRICE, 60/-.



Tobe "B" Block Condensers in Compact Neat Case, with Terminals at 8 mf, 2 mf, 2 mf, 1 mf, 1 mf.	Price .....	62/6
Raytheon B.H. Valves .....	25/- each	
10,000 ohm Fixed Resistances .....	5/- and 9/- each	
Clarostats .....	Price, 14/- each	

## General Radio Eliminators

### TYPE 425.

Operates from 240 volt A.C. Mains, and uses Raytheon B.H. Type Rectifier. It is tapped at 45-90, 130-200 volts. Suitable to operate any receiver.

PRICE, £17/5/0.

### TYPE 420.

"B" Battery Eliminator and Power Amplifier. Supplies Plate current for the Receiver, and for UX 171 Power Valve Housed in the Eliminator. Uses the UX 213 Valve as a Rectifier.

PRICE, £24/7/6.



## Power Amplifier & Plate Supply Kit

Same as Type 420, only in unassembled form. Suitable for building into sets where undistorted volume is required.

**SWAIN'S**  
119-123 Pitt Street, SYDNEY.

Write or Call for Further Details.

The Prime Minister (Mr. S. M. Bruce). His Excellency the State Governor (Sir John Goodwin). Mr. E. Baynes. Mr. W. J. Atcock, and others. 7 p.m.—Close down.

### AFTERNOON SESSION.

#### DESCRIPTION OF THE SHOW.

During the afternoon a full description of the Royal National Show, including the ring events, will be relayed from the Exhibition Ground.

#### FROM THE EXHIBITION GROUNDS—

2.30 p.m.—A description of the Show.

#### FROM THE STUDIO—

4.30 p.m.—Beauty talk by Dorothy Webster; "The Telegraph" news. Close down.

### EARLY EVENING SESSION.

6 p.m.—"Daily Standard" news; announcements.

#### 6.30 p.m.—The Children's Hour—Stories by "Little Miss Brisbane."

7 p.m.—Market reports; Stock reports.

7.30 p.m.—Weather news; announcements.

"Daily Standard" news.

7.45 p.m.—Standard time signal.

7.45 p.m.—Lectures; "Features of the Royal National Show."

### NIGHT SESSION.

#### TIVOLI THEATRE.

By courtesy of Haymarket Theatres, Ltd., half-an-hour's musical programme will be relayed from the Tivoli Theatre.

#### FROM THE TIVOLI THEATRE—

8 p.m.—Music by the Tivoli Operatic Orchestra (conductor, Mr. C. Greaves).

#### STUDIO CONCERT.

8.30 p.m.—Hawaiian instrumentalists in selected numbers, the AQG Hawaiians; contralto solo, "My Prayer" (Squires), Mrs. Charles Willey; a thought for to-night (Will B. Lister), "The Value of Work"; overture, "Comedy-Drama" (Tobani), the Studio Orchestra (conductor, Mr. A. R. Featherstone); bass solo, "The Fishermen of England" (Phillips), Mr. J. P. Cornwell.

9 p.m.—Metropolitan Weather forecast; a musical interlude, "Musicians and How They Music," Mrs. Hilda Wilmer; soprano solo, "A Night of Romance" (Nicholls), Miss Mary McNeish; monologue, selected, Miss Eileen McLennan; selection, "Prince Charming" (King), the Studio Orchestra; contralto solo, "Liability" (Ridgway), Mrs. Charles Willey; Hawaiian instrumentalists, the AQG Hawaiians; bass solo, "Hope for the Dawn" (Granton), Mr. J. C. Curwell; fox-trot, "Moonlight on the Ganges" (Myers), the Studio Orchestra; soprano solo, selected, Miss Annie Adams; march, "The Suburbanite" (Allen), the Studio Orchestra.

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

NOTE—During the night programme a description of the main events will be relayed from the new speedway, Daries Park. The actual times of the descriptions will be given from the Studio of AQG during the evening.

## 5CL, ADELAIDE.

Wednesday.

#### MORNING SESSION.

12 noon to 2 p.m.

#### AFTERNOON SESSION.

3 p.m.—Chimes.

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.—Chimes.

4.1 p.m.—Relay from the Arandia Cafe; Orchestral selections; Vocalist, Miss Chaplin.

4.45 p.m.—Station announcements.

5 p.m.—Chimes.

## EVENING SESSION.

6 p.m.—Chimes.  
 6.1 p.m.—Relay from the Covent Garden Restaurant; Orchestral selections.  
 6.35 p.m.—Bedtime stories by Aunty Peggy and Uncle Radio.  
 7.15 p.m.—S. C. Ward & Co.'s Stock Exchange intelligence.  
 7.25 p.m.—Market reports by Messrs. A. W. Sandford and Co., A. E. Hall and Co., Dalgety and Co., S. A. Farmers' Co-operative Union, Taylor Bros., and the Retail Grocers' Association.  
 7.35 p.m.—Buy Scents' Corner.  
 7.50 p.m.—Messrs. F. H. Faulding's Scientific Talk.  
 8 p.m.—Chimes.  
 8.1 p.m.—Messrs. Carlyle Jones, Bentley and Williams, Instrumental Trio.  
 8.3 p.m.—Annie Moyle, contralto: Selected.  
 8.10 p.m.—Carlyle Jones, cello: Selected.  
 8.15 p.m.—Signor Torre, baritone: Selected.  
 8.20 p.m.—Carlyle Jones, Bentley and Williams, Instrumental Trio.  
 8.25 p.m.—Annie Moyle, contralto: Selected.  
 8.30 p.m.—Hartley Williams, violin: Selected.  
 8.35 p.m.—Signor Torre, baritone: Selected.  
 8.40 p.m.—Annie Moyle, contralto: Selected.  
 8.45 p.m.—Don Parnell, comedian: Selected.  
 8.50 p.m.—Signor Torre, baritone: Selected.  
 9.1 p.m.—Official Weather report and forecast.  
 9.2 p.m.—Dalgety's Wheat report.  
 9.3 p.m.—Relay from the Parkside Baptist Church: Organ Solos by Miss G. Coudrey.  
 9.20 p.m.—From the Studio, Carlyle Jones, cello: Selected.  
 9.15 p.m.—Relay from the Parkside Baptist Church: Organ Solos by Miss G. Coudrey.  
 9.30 p.m.—From the Studio, Don Parnell, comedian: Selected.  
 9.35 p.m.—Hartley Williams, violin: Selected.  
 9.40 p.m.—Relay from the Parkside Baptist Church: Organ Solos by Miss G. Coudrey.  
 9.55 p.m.—From the Studio, Don Parnell, comedian: Selected.  
 10.1 p.m.—"Advertiser" news service. Wireless shipping.  
 10.15 p.m.—Messrs. Carlyle Jones, Bentley and Williams, Instrumental Trio.  
 10.22 p.m.—Hartley Williams, violin: Selected.  
 10.25 p.m.—Alice Burke, soprano: Selected.  
 10.40 p.m.—Smith and Dickie, banjoists: Selected.  
 10.45 p.m.—Pianoforte Solo, C. Bentley: Selected.  
 10.51 p.m.—Smith and Dickie, banjoists: Selected.  
 11 p.m.—Chimes. Tomorrow's programme, Station announcements, Weather bulletin, and National Anthem.

## 6WF, PERTH.

## Wednesday.

12.30 p.m.—Tune in.  
 12.35 p.m.—First Local News Bulletin, supplied by courtesy of "The West Australian" Newspaper Coy.  
 Market Reports, supplied by the Australian Farmers' Limited.  
 Cables, supplied by the Australian Press Association.  
 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.—LUNCH HOUR CONCERT, RE-LAYED FROM MESSRS. MUSGROVES, LIMITED.  
 1.30 p.m.—STUDIO QUARTETTE.  
 2 p.m.—Close down.  
 3.30 p.m.—Tune in.  
 3.35 p.m.—Musical Programmes, including Pianoforte Selections by MISS EVELYN WILLIS, A.R.C.M.  
 4 p.m.—STUDIO INSTRUMENTAL TRIO.  
 4.30 p.m.—Close down.  
 6.45 p.m.—Tune in.  
 6.50 p.m.—Bedtime Stories by Uncle Duffy and Auntie June.

## DE FOREST AUDION TYPE DL15

## Ultra-Responsive Detector

## Non-microphonic



**S**PECIFICALLY designed for the detection of weak incoming signals, the DL15 Ultra-Responsive Detector has no equal for tuning in those elusive D.X. stations with quality volume and faithful reproduction.

The sensitivity of the DL15 is so great that, when used in the older radio sets, the results are equivalent to the addition of one stage of well designed Tuned Radio Frequency amplification.

The DL15 is non-critical and operates instantly. It is an extremely fine Regenerative Detector in circuits where there is no radio frequency amplification as it permits a smoothness of control and fidelity of reproduction not obtained with other detectors.

A further unique and most important quality of the DL15 is that it is **non-microphonic** and does not require the use of cushioned sockets.

The plate current drain is **extremely low**.

Where sets are intended and wired for the use of a "hard" detector tube, as is the case in the vast majority of sets, no change in wiring is necessary, as the grid return of the DL15 should be connected to the positive filament.

## FUNCTIONAL CHARACTERISTICS.

Filament Voltage .....	5. volts
Filament Current .....	.25 amps.
Plate Voltage .....	22½—45 volts

Plate Current at 45 volts,  
 with stopping condenser and 2  
 meg. grid leak in grid circuit and  
 with grid return connected to positive filament. } 0.5 millamps.

Recommended Grid Leak ..... 4—6 megohms

**PRICE - - - 24/-**

**International Radio Co. Ltd.**

200 CASTLEREAGH STREET, SYDNEY.

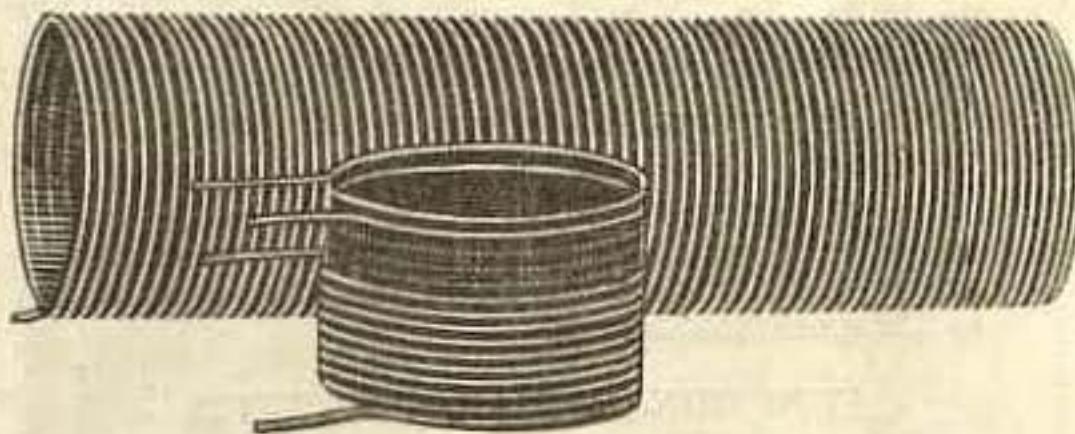
# Why not build YOUR OWN SHORT WAVE SET? AIRZONE

**LOW LOSS SHORT WAVE COILS  
Will Solve Your Troubles.**

**A 6 INCH LENGTH COSTS YOU 3/9**

Which is sufficient to make a set of coils.

All that is necessary is to cut the wire where required and turn back the ends. Your set of coils is then ready for mounting in your set.



Obtainable from all Dealers.

**PRICE 7/6 PER LENGTH OF 12 INS.**

Sold in any length up to 12 ins.

Manufactured in Sydney by—

**AIRZONE LIMITED**

The Largest Coil Manufacturers in Australasia.

**SALES AGENTS TO THE TRADE—**

**Manufacturers' Products Pty. Ltd.**  
(H. J. Happgood)

**Challis House, 4 Martin Place, Sydney.**

'Phone BW 1328

- 7.30 p.m.—Stock and Share Intelligence, supplied by the courtesy of Messrs. Saville and Grimwood, Limited.
- Market Reports, supplied by the West Australian Farmers and Producers Markets, Limited.
- Second Local News Bulletin, supplied by courtesy of "The West Australian" Newspaper Co.
- Cables, supplied by the Australian Press Association.
- 7.45 p.m.—Talk.
- 8 p.m.—Time Signal from the Perth Observatory.
- 8.1 p.m.—Weather Notes, supplied by the Meteorological Bureau of Western Australia.
- 8.2 p.m.—MUSICAL CONCERT FROM THE STUDIO (including Vocal Artists).
- 10 p.m.—Late News, supplied by courtesy of "The Daily News" Newspaper Co.
- Weather Report and Forecast.
- Ships within range.
- 10.30 p.m.—Close down.

**Thurs., August 11  
2FC, SYDNEY**

**EARLY MORNING SESSION.**

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

**MORNING SESSION.**

- 10 a.m.—"Big Ben" and announcements.
- 10.5 a.m.—Studio music.
- 10.15 a.m.—"Sydney Morning Herald" news service.
- 10.30 a.m.—Studio music.
- 10.35 a.m.—A Racing Talk by the S.P.C. Commissioner.
- 10.45 a.m.—Studio music.
- 11 a.m.—"Big Ben."
- Marching music for school children.
- 11.5 a.m.—A.P.A. and Reuter's Cable Service.
- 11.20 a.m.—Studio music.
- 11.15 a.m.—A Reading.
- 11.30 a.m.—Close down.

**MIDDAY SESSION.**

- 12 noon—"Big Ben" and announcements.
- 12.2 p.m.—Stock Exchange, first call.
- 12.3 p.m.—Official weather forecast, rainfall, temperatures.
- 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.—MAYSIE GILSENAN, lyric soprano:
- "Over the Waves Blue" (Clarke).
- 12.45 p.m.—THE OAK HALL INSTRUMENTAL TRIO (leader, Mr. Horace Kestell).
- 12.55 p.m.—Studio music.
- 1 p.m.—"Big Ben." Weather Intelligence.
- 1.2 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.—MAYSIE GILSENAN, lyric soprano:
- "Bird Songs at Eventide" (Carter).
- 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 2FC Commissioner.  
2.3 p.m.—Close down.

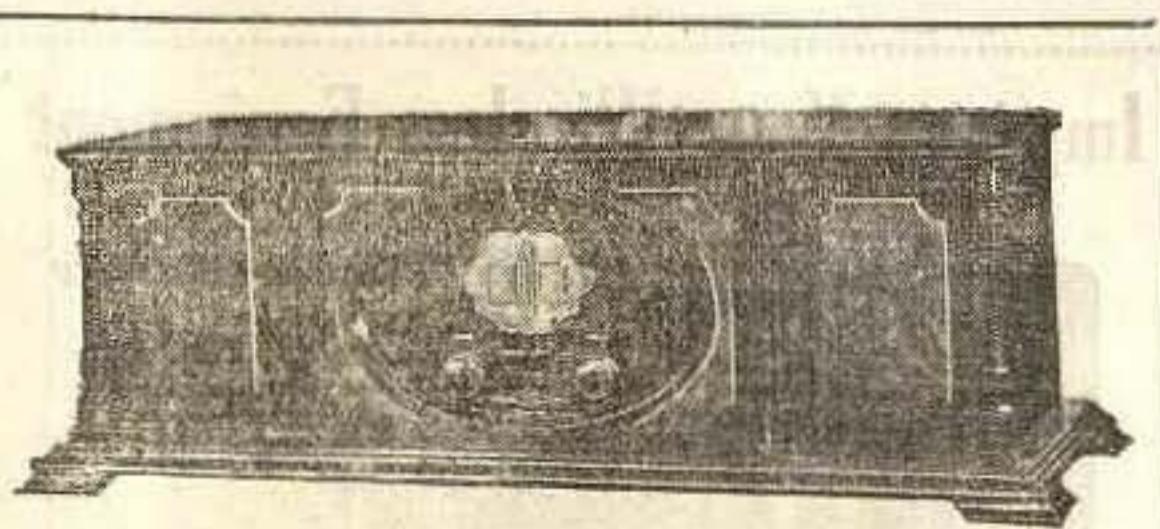
**AFTERNOON SESSION.**  
2 p.m.—"Big Ben" and programme announcements.  
3.3 p.m.—A Recital by the pupils of Mr. Gordon Lavers, Junr.:  
Pianoforte and Vocal.  
Pianoforte, "Walstein," 1st Movement (Beethoven).  
MISS GWEN ROBSON.  
3.12 p.m.—Song, "Still as the Night" (Bohm).  
MISS JOYCE FREW.  
3.15 p.m.—Pianoforte, "Valse in E Minor" (Chopin).  
MISS VIOLET CHIGWIDDEN.  
3.19 p.m.—Song, "A Page's Rosal Song" (Novello).  
MISS GWEN ROBSON.  
3.22 p.m.—Pianoforte, "Gigue G Minor" (Bach).  
MISS JOYCE FREW.  
3.25 p.m.—Song, "Beyond the Dawn" (Sanderson).  
MISS IDEN PRITCHARD.  
3.30 p.m.—Marching music for school children.  
3.40 p.m.—AILEEN BEAR, mezzo (from Farmer's Tea Rooms):  
"Aahoo at Her Lattice" (Einson).  
3.45 p.m.—Further items from the Recital by Mr. Gordon V. Lavers' pupils:  
Pianoforte solos:  
(a) "Romance" (Schumann).  
(b) "La Fille au chevaux de lin" (Debussy).  
MISS GWEN ROBSON.  
3.50 p.m.—Song, "Obstinacy".  
MISS JOYCE FREW.  
3.52 p.m.—Pianoforte, "Witches Dance" (MacDowell).  
MISS VIOLET CHIGWIDDEN.  
3.57 p.m.—Song, "Danny Boy" (Weatherly).  
MISS GWEN ROBSON.  
4 p.m.—GLADYS AUBIN, soprano:  
"Spring Is Here" (Dlek).  
4.5 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
4.10 p.m.—DOROTHY BENBOW, contralto:  
"For Every Day" (Russell).  
4.15 p.m.—ANNIE SEDGER, mezzo:  
"Love's Philosophy" (Quilter).  
4.20 p.m.—AILEEN BEAR, mezzo:  
"In an Old-fashioned Town" (Squire).  
4.25 p.m.—THE OAK HALL INSTRUMENTAL TRIO.  
4.30 p.m.—Pianoforte solo, "Scherzo in B Flat Minor" (Chopin).  
Miss JOYCE FREW.  
4.40 p.m.—GLADYS AUBIN, soprano:  
"Tiptoe" (Carew).  
4.45 p.m.—Stock Exchange, third call.  
4.47 p.m.—DOROTHY BENBOW, contralto:  
"I wonder if ever the Rose" (Slater).  
4.50 p.m.—ANNIE SEDGER, mezzo:  
"Alas, Those Chimes" (Wallace).  
4.55 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of Mr. Cyril Kays.  
5 p.m.—"Big Ben." Close down.

**EARLY EVENING SESSION.**

5.45 p.m.—The Chimes of 2FC.  
5.50 p.m.—The "Hello Man" talks to the children.  
6.30 p.m.—Story time for the young folk.  
6.40 p.m.—Dinner music.  
7 p.m.—"Big Ben." Late sporting news.  
7.10 p.m.—Dalgety's market reports (wool, wheat and stock).  
7.15 p.m.—Fruit and vegetable markets.  
7.20 p.m.—Shipping and weather intelligence.  
7.25 p.m.—Late "Evening News" news service.

**NIGHT SESSION.**

7.30 p.m.—"Is it Your Birthday?"  
8 p.m.—"Big Ben." Announcing an All-night Dance programme.  
CYRIL COY and his Orchestra will play dance groups of ten minutes each, with four-minute intervals, filled by vocal items from the Studio.  
CYRIL COY and His DANCE ORCHESTRA.



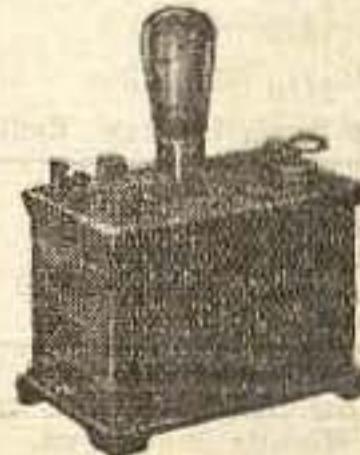
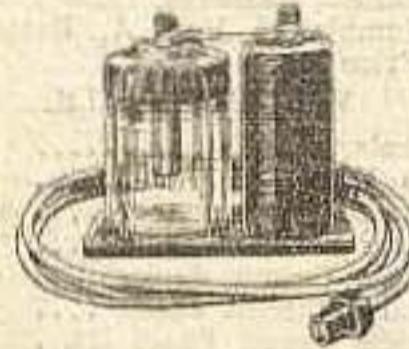
for ALL reception

## A Five Valve Receiver

Farmer's now offer a most handsome decorative model of the new 5 Valve Receiver, in genuine laminated figured American Walnut, inlaid with Burr Walnut. This exclusive model has a single dial control, and each stage is totally protected with aluminium shields. Supplied with high-grade accessories and loud speaker, and erected in any suburban area, free of charge .. .. .. £52/10/-

### For Weak Batteries

Balkite Trickle Charger, at 4 amps., prevents sulphating and buckling and need never be disconnected, the accumulator being charged whilst operating receiver. The operating maintenance is practically nil. Price .. £4/7/6



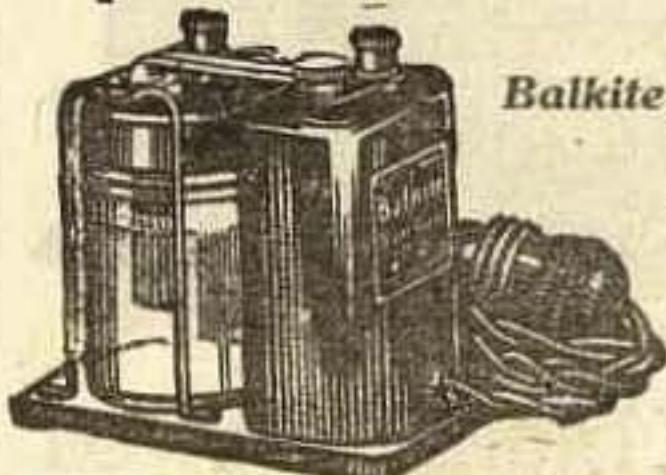
### "B" Battery Eliminator

Philips "B" Battery Eliminator, does away with "B" batteries. For those desirous of an inexhaustible "B" battery supply, this instrument is invaluable. Has milliamperc output of 55 milliamps, with absolutely no hum. Price £9/15/-

# FARMER'S

BOX 497AA, G.P.O.

## Improve Your Wireless Equipment



Balkite Trickle Charger

£4/7/6

### BUY FROM A RELIABLE RADIO HOUSE

We have the most experienced Technical Staff in Australia. Our Engineer, Chas. W. Slade, will be pleased to give you any advice FREE.

#### EXCEPTIONAL OFFER.

### 250 Tower Cone Loud Speakers

Usual Price, £3/10/-

NOW 28/6

Honey Comb Coils, Mtd.,	25,
50, 75 .....	set, 6/-
Atlas Mounted Coils ....	3/6
Coil Plugs, Coupling .....	1/9
Coil Plugs, Panel Fixed, ...	1/6
Columbia 3 Coil Holders ..	5/6
Crystal Cups, N.P. ....	2d.
Cabinets, Assorted, from .	15/-
Columbia 1½ Volt A. Battery.	
Price .....	2/9

#### VERNIER DIALS.

Vernier, 4 inch .....	4/9
Glo Dials .....	9/6
Eminco Vernier .....	7/6
Ultra Vernier .....	6/6
Single Circuit Jacks ....	1/6
Double Circuit Jacks ....	2/-
Single Circuit Panel Mt. .	1/3
Battery Switch, Panel Mt. .	1/3
Muter Lock Switch .....	2/6

Buffalo Phone Plugs .... 1/3

Belden Hook-up Wire,  
25ft, ..... 2/10

A Full Assortment of Hand Torches, and Torch Battery Refills.

#### "KEOGH SPECIALS."

1 Valve Set, complete £5 19 6	2 Valve Amplifier, for Crystal Sets, com- plete ..... £5 19 6
1 Crystal Set and 'Phones ..... £1 5 0	
Loop Aerial .....	£2 19 6

Are you having trouble with your Super Heterodyne Set? No other expert has had the experience of our Engineer with this class of set. Let him rewire it for you. Results guaranteed.

Our years of experience are at your command.  
We welcome your enquiries.

## KEOGH RADIO SUPPLIES

"The Pioneer Radio Company."

40A PARK STREET, SYDNEY

3 Spacious Floors.

'Phone : City, 870

- 8.10 p.m.—NORMAN JANSON, baritone:  
"Pleading" (Anderson).
- 8.15 p.m.—CYRIL COY and His DANCE ORCHESTRA:  
Popular numbers.
- 8.20 p.m.—NORAH DIXON, soprano.
- 8.27 p.m.—CYRIL COY and His DANCE ORCHESTRA.
- 8.37 p.m.—HARRY CASH, comedian:  
"Yodelling Bill."
- 8.42 p.m.—CYRIL COY and His DANCE ORCHESTRA.
- 8.48 p.m.—EILEEN BOYD, contralto.
- 8.54 p.m.—CYRIL COY and His DANCE ORCHESTRA.
- 9.1 p.m.—NORMAN JANSON, baritone:  
"How the King went Forth to War" (Koenigsmarck).
- 9.5 p.m.—CYRIL COY and His DANCE ORCHESTRA.
- 9.11 p.m.—NORAH DIXON, soprano.
- 9.16 p.m.—CYRIL COY and His DANCE ORCHESTRA.
- 9.23 p.m.—HARRY CASH, comedian:  
"If I can't sing about Mammy."
- 9.28 p.m.—CYRIL COY and His DANCE ORCHESTRA.
- 9.35 p.m.—MUSIC COMPETITION, No. 4:  
The announcer will read a letter, making breaks at intervals, and Mr. Cliff Clegg, novelty pianist, will play pieces, the titles of which when filled in will complete the letter. Prizes will be given to the listener whose correct solution is first opened.
- 9.42 p.m.—CYRIL COY and His DANCE ORCHESTRA.
- 9.48 p.m.—ARCHIE SEYMOUR, entertainer:  
"This Freedom" (Bennett).
- 9.55 p.m.—NORAH DIXON, soprano.
- 9.58 p.m.—CYRIL COY and His DANCE ORCHESTRA.
- 10.5 p.m.—NORMAN JANSON, baritone:  
(a) "Sleepy Hollow Tune" (Koenitz).  
(b) "When the Sergeant Major's on Parade" (Longstaffe).
- 10.10 p.m.—CYRIL COY and His DANCE ORCHESTRA.
- 10.17 p.m.—EILEEN BOYD, contralto.
- 10.22 p.m.—CYRIL COY and His DANCE ORCHESTRA.
- 10.30 p.m.—NORAH DIXON, soprano.
- 10.35 p.m.—CYRIL COY and His DANCE ORCHESTRA.
- 10.40 p.m.—EILEEN BOYD, contralto.
- 10.45 p.m.—CYRIL COY and His DANCE ORCHESTRA.
- 10.55 p.m.—ARCHIE SEYMOUR, entertainer:  
"How Bill 'Arris won the Battle of Trafalgar" (Seymour).
- 10.57 p.m.—Late news and announcements.
- 11 p.m.—"Big Ben,"  
THE WENTWORTH SYMPHONIC DANCE ORCHESTRA. Conductor, Mr. Cyril Kays.
- 11.6 p.m.—ARCHIE SEYMOUR, entertainer:  
"Foods of All Nations."
- 11.10 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA. Conductor, Mr. Cyril Kays.
- 11.30 p.m.—National Anthems,  
Close down.

## 2BL, SYDNEY

Thursday.

#### EARLY MORNING SESSION.

- 7 a.m.—G.P.O. Clock and Chimes.  
Metropolitan weather forecast.
- 7.2 a.m.—State weather report.
- 7.4 a.m.—News from "Daily Telegraph" Pictorial.
- 7.15 a.m.—G.P.O. Clock and chimes.  
Fruit Market report.
- 7.18 a.m.—Vegetable Market report.
- 7.20 a.m.—Australian Mercantile Land and Finance Co.'s report.
- 7.24 a.m.—Dairy Farm Produce Market report.
- 7.26 a.m.—Poultry Market report.
- 7.30 a.m.—G.P.O. Clock and chimes.  
Musical programme from the Studio.

7.30 a.m.—News from "Daily Telegraph"  
Pictorial.  
7.41 a.m.—Boats in call by wireless.  
7.48 a.m.—Mail information. Shipping arrivals and departures, and Port directory.  
7.45 a.m.—G.P.O. Clock and chimes. News from "Daily Telegraph."  
8 a.m.—G.P.O. Clock and chimes.  
Close down.

## MORNING SESSION.

10.30 a.m.—G.P.O. Clock and Chimes.  
Musical programme from the Studio.  
10.40 a.m.—News from the "Daily Telegraph"  
Pictorial.  
10.50 a.m.—Musical Programme from the  
Studio.  
11 a.m.—G.P.O. Clock and chimes.  
Announcements.  
11.15 a.m.—Musical programme from the  
Studio.  
11.15 a.m.—Social Notes—Replies to correspondents by Mrs. Jordan. Talk on "Decorating the Home," 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.  
12.15 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.  
12.25 p.m.—Dairy Farm Produce market.  
12.30 p.m.—G.P.O. Clock and Chimes.  
Forage Market report.  
12.32 p.m.—Fish Market report.  
12.34 p.m.—Rabbit Market report.  
12.35 p.m.—News from the "Sun."  
12.45 p.m.—Hillier's Instrumental Quartette,  
direction, Cyril 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 the Studio.  
3.10 p.m.—News from the "Sun."  
3.20 p.m.—Musical programme from the  
Studio.  
3.30 p.m.—News from the "Sun."  
3.40 p.m.—Dungowan Dance Band.  
4 p.m.—G.P.O. Clock and Chimes.  
News from the "Sun."  
4.15 p.m.—Serial Story.  
4.30 p.m.—Dungowan Dance Band.  
4.45 p.m.—News from the "Sun."  
4.50 p.m.—Racing resume.  
4.52 p.m.—Resums of night's programme.  
4.54 p.m.—Announcements and What's On.  
4.58 p.m.—Special Ocean Forecast.  
5 p.m.—G.P.O. Clock and Chimes.  
Close down.

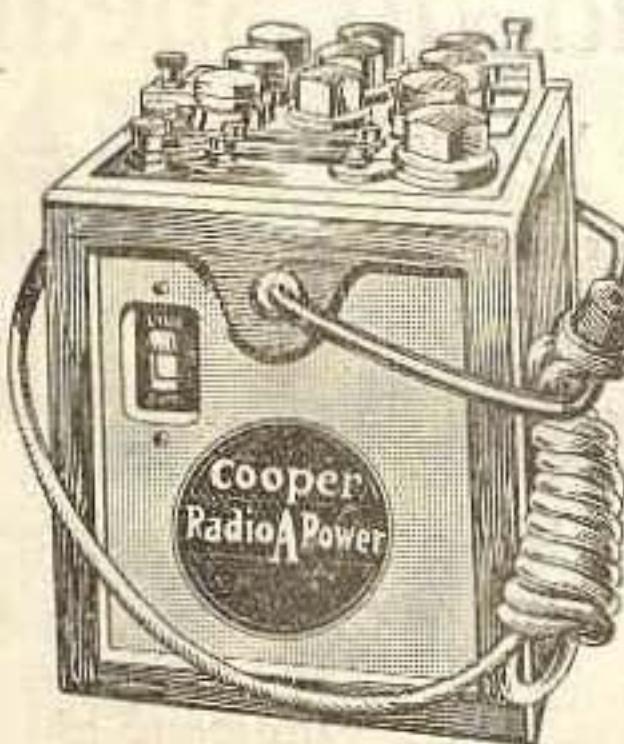
## EARLY EVENING SESSION.

6.15 p.m.—G.P.O. Clock and Chimes. Uncle  
George and the Kiddies.  
6 p.m.—The pupils of Miss Monica Scully 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 Products report ("Sun").  
7.15 p.m.—Country News from the "Sun."  
Weekly Traffic Bulletin.  
7.20 p.m.—Talk on "Metric Progress in Aus-  
tralia," by Mr. Markham, B.E.  
8 p.m.—G.P.O. Clock and Chimes.  
Broadcasters' Topical Chorus.

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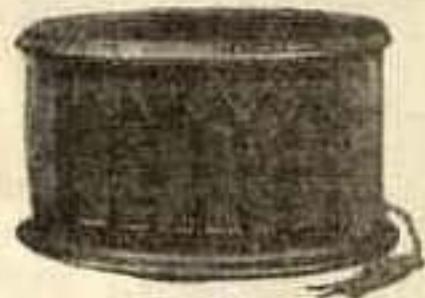
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- 8.3 p.m.—The Marrickville Salvation Army Band (Bandmaster), Mr. W. H. Knight, broadcast from Wenona street, Marrickville.
- 8.35 p.m.—Ward Lear in a singing, whistling and laughing act.
- 8.38 p.m.—The Cheer Girls under the direction of Mrs. Bennett White.
- 8.45 p.m.—Weather report and forecast by courtesy of Mr. C. J. Mares, Government Meteorologist.
- Resumes of following day's programme.
- 9.00 p.m.—Mr. Ward Lear.
- 9.27 p.m.—The Marrickville Salvation Army Band.
- 9.47 p.m.—The Cheer Girls.
- 10.15 p.m.—Cec Morrison and his Glomachers broadcast from the Ballroom of the Bondi Casino. During intervals between dances, "Sun" news will be broadcast.
- 11 p.m.—G.P.O. Clock and chimes. National Anthem.

## 3LO, MELBOURNE.

Thursday

### MIDDAY SESSION.

- 12 noon.—Time Signal. Metal prices received by the Australian Mines and Metals Association from the London Stock Exchange this day. Reuters' and The Australian Press Association cables. British official wireless news from Rugby.
- 12.15 p.m.—Under the auspices of the Concertgoers and Community Singers' Association—Community Singing—transmitted from the Assembly Hall, Collins Street, Melbourne.
- 1.15 p.m.—Stock Exchange information. Meteorological information. Shipping intelligence. Weather forecast for Victoria, Tasmania, South Australia, and New South Wales. Ocean forecast. River reports. Rainfall for Victoria, South Australia, Tasmania, and New South Wales.
- 2 p.m.—Close down.
- 2.45 p.m.—Associated Public Schools of Victoria. Football. XAVIER COLLEGE v. GEELONG COLLEGE at St. Kilda, described by Mr. N. C. Stephens.
- 2.48 p.m.—Close down.

### AFTERNOON SESSION.

- 3 p.m.—REV. KENNETH HENDERSON: "Topics of the Week."
- 3.15 p.m.—Description of CARNIVAL FOOTBALL MATCH—NEW SOUTH WALES v. TASMANIA. Described by Mr. Rod McGregor, from M.C.G.
- 3.30 p.m.—Associated Public Schools of Victoria. Football. XAVIER COLLEGE v. GEELONG COLLEGE at St. Kilda. Described by Mr. N. C. Stephens. Quarter-time.
- 3.45 p.m.—MADAME SOWARD will speak to Students of French.

### AFTERNOON SESSION.

- 3.45 p.m.—Description of CARNIVAL FOOTBALL MATCH—NEW SOUTH WALES v. TASMANIA. Described by Mr. Rod McGregor from M.C.G. Quarter-time.
- 3.50 p.m.—MISS FRANCES FRASER: "Cranford" (Mrs. Gaskell).
- 4.15 p.m.—Associated Public Schools of Victoria. Football. XAVIER COLLEGE v. GEELONG COLLEGE at St. Kilda. Described by Mr. N. C. Stephens. Half Time.
- 4.30 p.m.—Description of CARNIVAL FOOTBALL MATCH, NEW SOUTH WALES v. TASMANIA. Described by Mr. Rod McGregor, from M.C.G. Half Time.
- 4.45 p.m.—MILDRED AND CONNIE. Instrumentalists: Song with Violin and Piano. "Fiddling Rose"; Harp Solo, "Barcarolle. Tales of Hoffman"; Song with Banjo. "Idolizing."
- 4.55 p.m.—"Herald" News Service; Stock Exchange Information.
- 4.55 p.m.—Evenings, transmitted from St. Paul's Cathedral.
- 5.15 p.m.—CARNIVAL FOOTBALL MATCH—NEW SOUTH WALES v. TASMANIA. Final Scores by Mr. Rod McGregor, from M.C.G.
- Associated Public Schools of Victoria. Football. XAVIER COLLEGE v. GEELONG COLLEGE at St. Kilda. Final Scores, by Mr. N. C. Stephens.

## EVENING SESSION.

- 5.40 p.m.—Answers to Letters and Birthday Greetings by "MARY GUMLEAF."
- 6.0 p.m.—STUDIO ORCHESTRA: Henry VIII Dances (German).
- 6.10 p.m.—FREDA NORTHCOTE: Will sing two little songs.
- 6.20 p.m.—MISS G. FLOIS GREIG, B.A., L.L.B., will speak on: "A Visit to a Rubber Plantation."
- 6.35 p.m.—"Herald" News Service; Weather Synopsis, Shipping Movements.
- 6.47 p.m.—Stock Exchange Information.
- 6.52 p.m.—Fish Market Reports by J. R. Barrett, Ltd.; Rabbit Prices.
- 6.55 p.m.—River Reports.
- 6.58 p.m.—Market Reports by the Victorian Producers' Co-operative Co., Ltd.; Jute, Dairy Produce, Potatoes, Onions, Newmarket Sheep Sales; Poultry, Grain, Hay and Straw.
- 7.0 p.m.—Market Reports of Fruit by the Victorian Fruiterers' Association.

## NIGHT SESSION.

- 7.15 p.m.—MR. H. E. F. LAMPE: Diamonds, "The Kokinase."
- 7.30 p.m.—M.R. J. HOWLETT ROSS, will speak on: "The Australians at Lone Pine," with recital of "Dad o' Mine."
- 7.45 p.m.—MISS HARRIET BENNET, now starring as "Rose Marie," at His Majesty's Theatre, will speak to you from her dressing room, by permission of J. C. Williamson, Ltd.
- 8.0 p.m.—MR. ROD McGREGOR, Football, "Our Interstate Visitors."
- 8.15 p.m.—JOE ARONSON AND HIS SYNPATATING SYMPHONISTS: "Pal of My Lonesome Hours" (Hirsch). "Don't Sing Aloha to Me" (Moret). "Out of the Dark to You" (Dorothy Lee).
- 8.25 p.m.—ELSA STRALIA, Soprano: "Thank God for a Garden."
- 8.30 p.m.—JOE ARONSON AND HIS SYNPATATING SYMPHONISTS: "That Night in Araby" (Synder). "It Made You Happy" (Donaldson). "While We Danced Till Dawn" (Schuster).
- 8.35 p.m.—LESLIE ELLIOTT, Comedienne: "My Pal Harry" (Weston and Lee).
- 8.43 p.m.—JOE ARONSON AND HIS SYNPATATING SYMPHONISTS: "Gimme a Little Kit Will Ya, Huh" (Turk). "Any Ice To-day, Lady?" (Bellard). "Because I Love You" (Berlin).
- 8.53 p.m.—MILDRED AND CONNIE: "Mother Machree."
- 8.57 p.m.—JOE ARONSON AND HIS SYNPATATING SYMPHONISTS: "For My Sweetheart." "Your Heart Looked Into Mine" (Hubbel). "I'm Tellin' the Birds, Tellin' the Bees" (Brown).
- 9.0 p.m.—FOSTER AND NEEDHAM, Duet: "The Moon Halt! It raised" (Benedict).
- 9.11 p.m.—JOE ARONSON AND HIS SYNPATATING SYMPHONISTS.
- 9.21 p.m.—SIDNEY BURCHALL: "Mother of Pearl" (Hall).
- 9.25 p.m.—JOE ARONSON AND HIS SYNPATATING SYMPHONISTS: "Song of the Wanderer" (Moret). "I Didn't Know Swift" (Swift). "Who" (Keen).
- 9.35 p.m.—THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TO-DAY is for EVERYBODY: "Help save the children's lives. Keep them off railway property, and roadways. Sidewalks are safe for play."
- 9.38 p.m.—ELSA STRALIA, Soprano: "Because I Love You" (Berlin).
- 9.49 p.m.—JOE ARONSON AND HIS SYNPATATING SYMPHONISTS: "Two Little Bluebirds" (Keen). "A Message from Missouri" (Chester). "Spring Fever"—Piano Solo.
- 9.50 p.m.—LESLIE ELLIOTT, Comedienne: "When They Introduced the Jazz in Donegal" (Elliot).
- 9.54 p.m.—JOE ARONSON AND HIS SYNPATATING SYMPHONISTS: "Sam the Old Accordion Man" (Kahn). "Meadow Lark" (Florito). "Talking to the Moon" (Busketta).



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10.4 p.m.—"Argus" News Service: Meteorological Information, British Official Wires: News from Rugby: Sporting Notes by "Olympus," Announcements.

10.22 p.m.—JOE ARONSON AND HIS SYN. COPATING SYMPHONISTS:

"I've Been Wasting My Dreams Over You" (O'Hagan).

"Take in the Sun, Hang Out the Moon" (Woods).

"Ain't She Sweet" (Ellen).

10.32 p.m.—MR. A. W. JACKSON: Country Golf Week, "Comments on the Day's Play."

10.52 p.m.—MILDRED AND CONNIE: Song with Violin and Piano, "Fiddlin' Rose."

11.0 p.m.—OUR GREAT THOUGHT:

"If men wound you with injuries, meet them with patience; hasty words rankle the wound, soft language dresses it; forgiveness cures it, and oblivion takes away the scar. It is more noble by silence to avoid an injury than by argument to overcome it."

—J. Beaumont.

11.1 p.m.—JOE ARONSON AND HIS SYN. COPATING 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—

1.10 p.m.—A lunch hour address.

FROM THE OBSERVATORY—

1.58 p.m.—Standard time signal.

2 p.m.—Close down.

### AFTERNOON SESSION.

3.30 p.m.—A programme of music by the Studio Orchestra, including:—March, "Men of Harvard" (Gray); novelette, "Under the Stars" (Dailey); characteristic, "Old Bogie" (Gruenwald); value, "Deseret Heart" (Bennet); melodie, "Rosetime" (Trinkhaus); value de ballet, "Petite Rapsodie Russe" (Olson); serenade, "Sleeping Beauty" (Karghoza); Turkish Intermezzo, "On the Eosphorus" (Lincke).

### THE ROYAL NATIONAL SHOW.

During the afternoon a description of the tree falling competition will be relayed from number two ring at the Royal National Show.

The exact time of the relay will be announced when the transmission commences at half-past three.

4.15 p.m.—"Telegraph" news.

4.30 p.m.—Close down.

### EARLY EVENING SESSION.

6 p.m.—"Daily Standard" news; announcements.

6.15 p.m.—A rose talk by "Tessum."

6.30 p.m.—The children's session—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.

7.45 p.m.—Lecturette, "Features of the Queensland Royal National Show."

### NIGHT SESSION.

#### THE FEDERAL BAND.

The first portion of to-night's programme will be provided by the Federal Band (conductor, Mr. W. H. Davis).

8 p.m.—March, "American Belle" (Rid); suite, "Idle Hours" (Rimmer); intermezzo, "Alas Those Chimes" (Wallace); euphon. solo, "The Winning Sport" (Clegg); fox-trot, "Just Around the Corner" (Tillett); hymn, "Rock of Ages" (Hume).

### THE ROYAL NATIONAL SHOW.

A description of the night show and the fireworks display will be relayed from the Exhibition Grounds.

## FROM THE EXHIBITION GROUNDS—

2.15 p.m.—A description of the Royal National Show.

## THE STUART QUARTETTE.

The latter part of the programme will comprise a recital by the Stuart Family Quartette.

## FROM THE STUDIO—

3.15 p.m.—Overture, "Peer Gynt" (Grieg); the Stuart Quartette; violin solo, "Rushing" (Beethoven); Miss Enid Stuart; soprano solo, "My Heart is on the Willow Tree" (Needham); Miss Margery Stuart; pianoforte solo, "Ballad in A-Flat" (Chopin); Miss Erica Stuart; viola solo, "Nina" (Pergolesi); Mrs. Stuart; cello solo, "Romance" (Amendola); Miss Margery Stuart; violin solo, "Gypsy Song" (Calderidge Taylor); Miss Erica Stuart; soprano solo, "Love's Coronation" (Ayward); Miss Margery Stuart (violin obbligato by Miss Enid Stuart); string quartette, "Suite" (St. George), the Stuart Quartette.

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

## 5CL, ADELAIDE.

Thursday.

MORNING SESSION.  
12 noon to 2 p.m.

## AFTERNOON SESSION.

3 p.m.—Chimes.  
3.1 p.m.—Relay from the Maple Leaf Cafe; Orchestral selections.  
3.45 p.m.—From the Studio; Homecraft Talk by Mrs. H. Cobhill.  
4 p.m.—Chimes.  
4.1 p.m.—Relay from the Arcadia Cafe; Orchestral selections.  
4.45 p.m.—Station announcements.  
5 p.m.—Chimes.

## 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 Uncle Jack and Uncle Radio.  
6.45 p.m.—S. C. Ward and Co.'s Stock Exchange intelligence.  
7.29 p.m.—Market reports by Messrs. A. W. Samford and Co., A. E. Hall and Co., Dalgety and Co., S. A. Farmers' Co-operative Union, Taylor Bros., Retail Grocers' Association.  
7.30 p.m.—Yachting Talk, No. 1.  
7.45 p.m.—Postbox Talk by Mr. A. M. Whitebury.  
8 p.m.—Chimes.  
8.1 p.m.—Relay from the Uxley Town Hall. A special programme of vocal and instrumental numbers, played by the Uxley Orchestra, assisted by leading artists.  
9.1 p.m.—Weather report.  
9.2 p.m.—Dalgety's Wheat report.  
9.3 p.m.—Relay from the Uxley Town Hall.  
10 p.m.—"Advertiser" news service; Wireless shipping.  
10.15 p.m.—From the Studio;  
Pianist: Tom King.  
10.16 p.m.—Mrs. Louver, contralto; Selected.  
10.19 p.m.—Ten Minutes with the Droll comedian, Mr. Will Runge.  
10.29 p.m.—Gill Evans, tenor; Selected.  
10.38 p.m.—Mrs. Louver, contralto; Selected.  
10.39 p.m.—The Droll Comedian, Mr. Will Runge.  
10.45 p.m.—Gill Evans, tenor; Selected.  
10.52 p.m.—Will Runge, in a humorous interlude.  
11 p.m.—Chimes. To-morrow's programme. Weather bulletin. Station announcements. National Anthem.

## Edward Arnold Ltd.

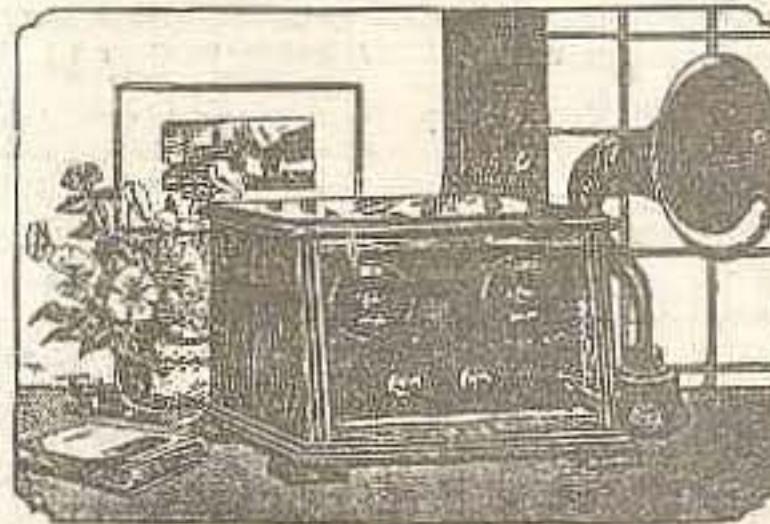
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First Latest Type Phonsias ... 4/-  
Try One of Our Special Transformers.  
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"Grodan" 3 in 1 Chokes, when used with the Grodan-Salodyne, will give the best results. Grodan-Salodyne Kits are wound to suit Australian conditions and guaranteed. £1/7/6 per kit of 3 units.

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# All Readers' Queries Answered Here.

REGENERATIVE (BRISBANE).—Recommend Browning Drake.

ENTHUSIAST (GRENNSLOPES).—Yes, R.O.C. (BRISBANE).—Probably 1VA.

W.H.S. (ROSEVILLE).—Not recommended. Build Short Wave Receiver described in "Radio," May 1927.

E.J.W. (PERTHVILLE).—(1) No; unless lightning arrester defective.

(2) Possibly due to transformer's inefficiency.

A.H.M. (BEMLY).—Not recommended for interstate reception. Cannot compare different types of valves. Thank.

F.C. (HABERFIELD).—12,500 turns No. 20 D.C.C. Closed core 1-sin. air gap.

G.J. (TAMBAR SPRINGS).—Matter for experimenting individually.

E.R.R. (COWRA).—Add loose coupled coil in aerial circuit.

J.W.N.S. (HENRY).—See advertisements in "W.W."

J.H. (HOBART).—Refer to advertisers. I happen to be "Insulator."

A.W.S. (TOWNSVILLE).—Q.: What is the most sensitive 1 valve circuit? A.: Has 1 valver. See "W.W." 10/3/27. Q.: What 4 valve circuit for portable set. A.: Browning Drake.

H.P. (BLAYNEY).—See "W.W." 19/11/26.

SEDNA (BRISBANE).—No actual experience with this receiver, as close to station as you. Your present parts could be used.

M.A. (GLEBE POINT).—Data published, many times. Thanks for circuits.

PUZZLED (WAVERLEY).—You are in shock excitation area of 3BL, hence their business.

J.W.M. (SPICER'S CREEK).—It is not our policy to discriminate in trade sets. Browning Drake or Neutrodyne good.

V.P. (GORDON).—(1) Take 10 turns off centre coil. (2) Yes, but trouble may not be in receiver situated where you are.

J.M. (CREMORNE).—Cannot understand your trouble, as selectivity is one of the main features of this circuit.

LIVE WIRE (BUNGENDORE).—Trouble may be in your oscillator coupler. Try reducing aerial.

SOLODYNE (MAHONGA).—.06 valves can be used in Neutrodyne, also Solodyne, but different fixed resistors must be inserted to suit the particular valve used.

T.H.B. (KATOOMBA).—Cannot understand your trouble as this is one of the best reflex receivers published.

H.V.L. (WHITEWOOD, Q.).—Solodyne not a reflex. Do not recommend your suggestion re Neutrodyne.

F.H.B. (SCOTTSDALE).—Solodyne receiver described in "W.W." 26/5/27.

P.W. (SOUTH STRATHFIELD).—Circuit you mention entirely superseded by more modern types. Obtain book on Superhet from Swain's, Pitt-street.

S.W. (MORPETH).—As you do not describe your receiver other than as a 2 valve, we cannot advise you. Your ability to hear 2WD with the crystal set depends on his power, but I should say not.

T.M. (GRANVILLE).—Such a rectifier will be described again at a future date. Old issues not available.

J.W.R. (GANMAIN).—Your trouble was one of the reasons for the existence of the present Wireless Commission.

H.T.H. (HURSTVILLE).—As the circuit is not shown we cannot advise as to whether a stage of R.F. could be added to your set.

W.G.H. (HARRIS PARK).—No back copies available.

A.K. (CESSNOCK).—Congratulations on your receptions of WGY. Their experimental 32A transmissions are irregular.

A.L. (NEWCASTLE).—Do not recommend either of the circuits you mention, but do advise the 3 valve Reinartz receiver recently published in "W.W."

A.V.H. (STRATHFIELD).—Details of Solodyne coils already published.

W.H.H. (ALPHA, Q.).—I haven't compared the two sets in question, so I can't form an opinion.

## QUERIES

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

A.T. (BONDI).—The last audio of a Browning Drake can be cut out. Why not insert a two circuit jack after the third valve? 90 volts is quite suitable for your valve. Telephone receivers are generally marked on the terminals, and one cord generally has a red strand running through it to denote positive. Do not yet know what the outcome of the Wireless Commission will be.

E.V. (ROSE HAY).—See "W.W." June 24th.

S.M. (PENSHURST).—Take your set to a reputable dealer. We cannot advise, as you seem to have tried everything possible.

T.W. (WAUCHOPE).—Write Colville-Moore, Rowe Street.

C.G.H. (AUBURN).—See answer to K.G.D. this issue.

A.G.W. (GRAFTON).—See "W.W." 10/6/27. Your transformers O.K. Use .4 volt .1 amp. ballasts.

J.M. (REDFERN).—No.

J.S.T. (COOGEE).—Have not yet tried Solodyne at Coogee. Will publish results later.

A.A.Y. (GRAFTON).—See "Radio," May issue.

C.R.T. (DRUMMOYNE).—Your 13 plate condenser should certainly be replaced by the Midget. We cannot compare this with a simple 4 valver, as we don't know what you mean by the latter term.

A.A. (STANMORE).—See "W.W." 24/6/27.

C.B. (PETERSHAM).—Yes.

J.K. (POKATAROO).—Asks relative to Solodyne: (1) Are there any 3 gang condensers obtainable in Sydney? Answer: Yes.

(2) Q.: Do you think it would be hard to stabilise a Solodyne using a 4 gang condenser and 3 stages of R.F.? A.: Yes. (3) Q.: Would "nippis" A425 valves be suitable for R.F. stages of the Solodyne? A.: Yes. (4) Q.: Is it not better to use a condenser having separately adjustable rotors than one using small balancing condensers? A.: Quite immaterial; effect the same.

J.C. (NEWCASTLE).—See "W.W." 10/6/27; answers as T.W.S. and others.

14 (COOGEE).—See "W.W." 24/6/27.

H.L.G. (MOUNT GAMBIER).—Set was the Solodyne and is fully described in issue of "W.W." 20/3/27 and 27/5/27.

W.B. (LEICHHARDT).—Your log of stations very good. A wave trap would certainly improve the set.

E.R. (NARRANDERA).—Strongly advise you to stick to Solodyne as published. Length of aerial compensated for in circuit.

G.P.P. (ARTHURVILLE).—SKY has been legalised in the United States and probably in Russia.

J.R. (GLEN INNES).—You probably heard JOAK and JOCK. The presumed British station was probably TZL, and ZBY is an amateur.

F.P. (TOOROOKA).—Solodyne will receive all Australian stations except GWF, and will bring in foreign stations if conditions favourable. All details of Solodyne published in "W.W." 20/5/27 and 27/5/27. We do not send prints.

"303" (BATHURST).—All details published in "Radio." Do not recommend glass panel.

J.R. (CITY).—Cannot understand your trouble, as we have many appreciations of this receiver and others do not seem to be bothered with the coils.

T.P. (RYDE).—Write Metropolitan Electric Co., King Street.

C.H.W. (WYNYARD).—Purchase A.W.A. 1927 Radio Guide, price 1/-.

C.T.R. (GIBINBELL).—We are sorry we cannot suggest any very inexpensive way out of your difficulty, unless you have a house-lighting system. If so, look out for future copies of "W.W." Suggest in meantime using .06 or .1 amp. valves.

G.T.W. (PADDINGTON).—Your circuit is O.K. and interstate should come in, but not as loud on 3 as on 4 valves.

A.K. (DOUBLE BAY).—Try reversing the connections of the different coils, and reverse the direction of flow of current by turning one or other coils round about.

W.H.W. (EASTWOOD).—Circuit is alright. It is difficult for me to diagnose your complaint without viewing your set. Call in an experienced friend.

A.D. (CANTERBURY).—It is not a matter of voltage. Something else is wrong. Maybe your primaries of the R.F.P.'s are reversed.

V.C.M. (RANDWICK).—Your suggested layout is alright, but pay attention to short grid leads. See "W.W." 10/6/27 for valve particulars.

A.W. (NO ADDRESS).—Where are you living? See "W.W." 27/5/27.

W.A.S. (HURSTVILLE).—Many thanks for information.

G.D.J. (NYMBOIDA).—Write Colville-Moore Wireless Supplies, Rowe Street, Sydney.

L.R.T. (EASTWOOD).—Install a lightning arrester. Perhaps you have a loose connection somewhere.

C.K. (LEICHHARDT).—See "W.W."

F.M. (GLEBE).—All I can see for it is proper tuning.

R.C.W. (SOUTH KENSINGTON).—See "Radio" for Radio Frequency Unit.

G.P. (DUBBELL, Q.).—I don't like your valves for this set.

C.H.H. (BURWOOD).—The street transformer is certainly the trouble.

S.H.W. (HILL END).—See "W.W." 5/12/26 for the Marco 4.

W.H.B. (WAGGA).—You are not fully charging your accumulator. Look to the rectifier, raising or lowering the aluminium while the output leads are immersed in a glass of water. At the setting of aluminium where most effervescence arises from the negative lead, charge the accumulator. This will fix it for you.

A.C. (CAIRNS).—This is a most contentious matter. Personally, I prefer the higher voltage variety.

J.W.C. (RANDWICK).—Perhaps another audio stage would help you. Personally, I prefer the Neutrodyne or the Solodyne. I am not too fond of the set you have built.

W.E. (STRATHFIELD).—The Marco 4 of "W.W." 5/11/26.

A.P.R. (CHATSWOOD).—See "W.W." 10/6/27.

L.S.H. (SHEFFIELD, T.).—Have your aerial no longer than 10 feet overall, and insert a .0001 fixed condenser in series. A .0005 variable condenser generally has 11 plates.

W.J.G. (AUBURN).—Would recommend for your requirements either Browning Drake or Neutrodyne. Hope to get more time in future.

F.A.W. (HURLSTONE PARK).—Leave the formers as they are, with the same number of turns. Reduce primary turns to 20 on R.F.F. 3.

M.A. (GLEBE POINT).—I haven't got the data on hand. Why not examine the coils you require? They may be seen in shop windows. The filament ballasts you require are not yet available. They will be shortly. Thanks for circuits.

**K.H.P. (BURRY HILLS)**.—See Harringtons, Ltd., George Street, or Radio and Electrical Co., 48 Pitt Street.

**D.C. (NAREMBOURN)**.—Persevere with your three valves. Certainly the Solodyne.

**G.C.H. (LETON)**.—Evidently you have the moving plates at high potential. Connect the fixed plates of the condensers to the grid circuit of the valve. You are experiencing what is known as body capacity, and one means of eliminating it is to insert a metal shield flat on the back of the panel and in front of the condenser. Drill holes in this shield so that no part of the condenser touches it. Connect this aluminium or brass shield to earth. No copies of "W.W." 22/10/26 available.

**G.M. (GORDON)**.—Circuit is O.K. Build the set in "W.W." 24/6/27.

**F.W.H.B. (HANKSTOWN)**.—Search the Queries column of the last week or two for details.

**W.T. (REDFERN)**.—Re charger, please communicate with J. Freestone, Angus Ave., Kandos.

**R.W.S. (KURRI)**.—I am sorry I can't help you without seeing the set.

**K.M. (LISMORE)**.—The extraordinary one valve will give you good results. The proposed five valve set is good value, but I wouldn't say if America could be received on R.

**C.H.R. (DULWICH HILL)**.—See reply to W.H.B., Wagga.

**G.C.P. (ALEXANDRIA)**.—See "W.W." 24/6/27.

**W.G.E. (WEST KYOGLE)**.—asks what is the best type of aerial to use with the Harkness Refer two valves and greatest distance for loud speaker reception.

A: Single wire 100 feet long. The maximum distance for L.S. Reception is unknown, depending on too many factors.

**E.J. (DRUMMOYNE)**.—This would assist you in selectivity.

**H.G.R. (ARCADIA)**.—You should have no trouble with the Solodyne.

**I.O.S. (DARLINGHURST)**.—Your troubles are probably due to using UX 100 valves, which have the wrong impedance. Valves of the impedance necessary are stated in the article on the Solodyne.

**E.S.N. (CROOKWELL)**.—Use 1 amp. valves of the proper impedance, and the Carpentier Battery may be used in your receiver.

**T.R.B. (KATOOMBA)**.—Cannot understand your trouble. As we have many appreciations of this receiver.

**D.W.R. (WAITARA)**.—60 amperes hour capacity.

**J.C.H.W. (PAPUA)**.—Thanks, but one of the descriptions applied to a special transformer.

**R.G.Y. (LUTWYCHE, Q.)**.—The Browning Drake specifications:

Aerial coil, 20 turns, tapped at 25th.

Regulators, 24 turns No. 30 D.C.C. wound in slotted die, fitted opposite last of low potential turns of the Secondary.

Secondary, 77 turns No. 24 D.C.C. wire, tapped 15th from bottom.

Reaction, 20 turns No. 30, wound on rotor, fitted at high potential end.

Dia. approximately 1 inch in diameter.

**R.E.K. (HABERFIELD)**.—Kindly reverse the coil as directed, making sure that you have only  $\frac{1}{2}$ -in. separation between windings.

**G.F. (LINDFIELD)**.—Advise you to construct 5 valves Neutrodyne appearing in June issue of "Radio," otherwise leave your B Drake as it is.

**W.H.H. (ALPHA, Q.L.D.)**.—(1) Ask your Radio Dealer the question re valves.

(2) Standard UX Sockets will fit all of the valves you mention.

(3) Yes, quite O.K.

**T.S. (PORT KEMBLA)**.—Recheck your circuit for probable wrong connections. How are your valves? See if you can get them checked by a Radio Dealer nearby.

**G.M. (MAYFIELD)**.—The circuit you enclose is better known to Australia as "Tuned Plate." Plug in coil receivers are rather behind the times just now. Advise you to build the Browning Drake, published recently in "W.W."

**A.V.D. (VINDIEX)**.—Test your A.F. Transformers, and also rectifier circuit. Cut down RF plate voltage to neutralize.

The battery you mention is quite O.K.

**H.G.T. (Coomanoo)**.—The pipe aerial pole is quite O.K. It just depends which is the handiest for you.

**C.Z. McK. (KATOOMBA)**.—Certainly good going with the Reginarix. All reflex sets are good at picking up AC when you are close to it. Thanks for the remarks.

**J.R. (MILLERS PT.)**.—We are advised by David Jones that a voltage of 80 to 8 is very satisfactory for the receiver you mention.

**F.L. (INNISFAIL, N.Q.)**.—As you say we are reluctant to change the design of our receivers, but I see no reason whatever of you not getting as good results as our design. Take very great care of the layout, etc.

**J.C.B. (WAVESLEY)**.—Reconvert to crystal set, and add audio amplifier. Strongly advise you to add another valve to your present receiver.

**A.T.M. (STRATHFIELD)**.—Station 2ME is operated by A.W.A. and is used for special transmission to trawlers. 2KO, 2GO and 2HA are call signs of trawlers.

**W.H.J. (Ipswich, Q.)**.—The Solodyne, being one control, is easier to tune, making searching simpler. Many other reasons will be found on trial. Sold out of both issues you require. Will forward when in stock.

**A.L.D. (TOOWOOMBA, Q.)**.—See "Wireless Weekly" (Date 28th January, 1927) for particulars of a good aerial.

**C.P. (GUILDFORD)**.—Reverse the connections of one coil and space each coil a little further apart.

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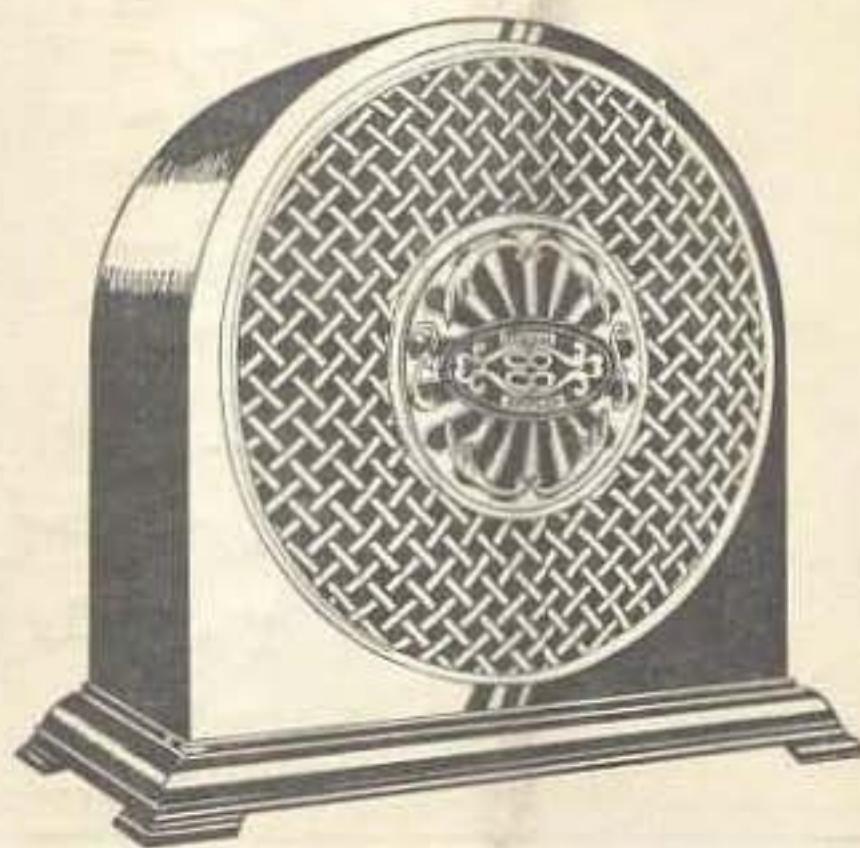
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