

WIRELESS WEEKLY

Broadcast Programmes a Week in advance

VOLUME 10

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

NUMBER 17



Friday, August 19, 1927.

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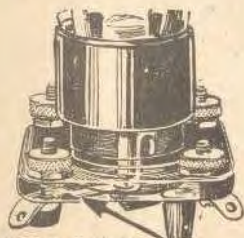
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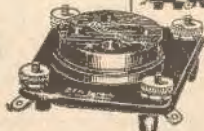
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"W.W." 28/8/27

WIRELESS WEEKLY

VOL. 16, No. 17.

FRIDAY, 10th AUGUST, 1927.

Broadcast Development due to Good Service.

IN its short and eventful history, broadcasting has passed through several stages of development. Away back in 1923 no one thought very seriously of the quality of the music that was received; the novelty, the wonder of hearing a voice or a musical instrument hundreds of miles away, was a sufficient appeal. The pioneer types of transmitters and receivers were still more or less experimentally employed and there were no standards of comparison.

Gradually the intense concentration on the design of receiving equipments resulted in receivers being turned out capable of reproducing music with more and more faithfulness. And with the increasing number of stations a new problem presented itself—that of selectivity or the property of a receiver to tune out or reject all stations but the desired one. Thus the receiving sets gave more satisfying service to listeners, and the main technical difficulties were overcome.

But the purveyors of broadcasting services soon realised that listeners wanted more than clear transmission; that service considerations followed or accompanied technical improvements in the art. It would not be sufficient to put on a programme of inferior music or even moderate music. The highest quality of musical items was seen to be necessary, and stations which could not guarantee a high standard of diversified items would soon lose favor in the listening audience.

In the early days there was a doubt as to the stability of the new industry, and business men were wisely cautious about spending large sums on artists until there were signs of some permanence in the business.

In Australia the commencement of the industry was accompanied by early set-secured regulations were soon abandoned and the changes of the wave lengths of the

stations were the cause of business uncertainty and were also the cause of perplexing doubts amongst the prospective listeners. None could with any certainty foretell the great development that was to follow in 1924 and 1925, and there were many who spoke confidently of broadcasting being but a fad that would soon lose public favor.

It thus required considerable courage to embark financially on such an uncertain venture. If it were to succeed, the success would scarcely be realised under five or seven years. That was just where the broadcaster found himself up against further uncertainties. He could only provide a service by issue of a license from the Government and that license was limited to five years. And there was no certainty of obtaining a renewal of the license at the end of the five years.

In most cases the broadcasters realised that a bold policy of development was necessary, and thoughts of profits for the time being should be abandoned. The far-sighted ones saw that listeners could only be secured—and retained—by putting on attractive programmes. By concentrating continually on improving the service it was soon found that the general public became interested.

Thus we find the results of constant thought and activity in making the service attractive shown in the great number of listeners. Where this concentration has been continuous, stations have become very popular, and their services are responsible in a large degree for the development of the business.

It is obvious that the public could not be interested—nor their interest maintained—unless the broadcasters saw to it that the service broadcasted was attractive, and of a standard that would appeal to a large and varied audience.

Catching Up with the Wireless World.

By R. E. CORDER.



APPROXIMATELY 300,000 people now hold receiving licenses in Japan. Each set is licensed at 2/ per month.

IN RESPONSE to a broadcast appeal, a gift of five dollars for the church hostel has been received by the vicar of St. Martin-in-the-Fields, England, from a listener in America.

FRANCE HAS COME into line with other nations by duly producing her inventor of television. He is M. Valensi, chief engineer of the French Post Office. M. Valensi makes use of the Cathode ray in his experiment.

IN FRANCE TOO, wireless amateurs in the south-west of France are complaining bitterly of interference to broadcast transmissions by the Government high-power station at Croix-d'Esnes, near Bordeaux.

WITH RESPECT to the recent proposal to have radio receiving sets installed in New South Wales prisons, it is reported that some time ago a radio set was installed in Auburn Prison, New York, and each cell was connected with it.

ACCORDING to a census of opinion of Auburn's incarcerated, the 350 Italians prefer operas, and the 1,049 Americans, Irish and other nationals like jazz. There was also one Chinese among the prisoners, and he liked neither classics nor jazz, but enjoyed static or atmospherics!

UNCLE BAS OF broadcasting station 2BL, Sydney, was telling the children during bedtime hour this week the story of Cinderella. He mentioned that it was many, many years since he first heard the story and that it had been told to him by an old lady now over 80 years of age. All unknown to Uncle Bas the lady in question was listening-in, and next day came a letter from her to station 2BL acknowledging the reminiscence. Uncle Bas and his correspondent had not met for nearly 20 years.

PLASTATIC: "Why is a beauty parlor expert like a radio part?"

"Because he's a transformer, I guess."

"Why do you use such a low aerial?"

"So I can get the low-wave stations better."

Artist: "Whenever I'm working on a painting I turn on my radio. It inspires me to do my best work."

Visitor: "The static must have been terrible the day you did this one!"

BELGIUM is to have a National Broadcasting Company with a capital of three million francs, the State holding 60 per cent. of the shares.

ON MAY 7, according to the U.S. Department of Agriculture, 1,252,125 American farms were equipped with receivers for picking up market and weather reports.

THE INSTALLATION of a broadcast receiver in the Inchcape lighthouse, near Arbroath, marks the completion of the "Daily News" Wireless for Lighthouse Fund. Lord Inchcape contributed £1,200.

AN INAUGURATION ceremony conducted over a distance of two thousand miles, took place in Paris recently, when the officials in the French capital opened the new colonial wireless station at Brazzaville, in the French Congo.

A CASE IS REPORTED from Melbourne of a betting shop prosecution in which the "starting price merchants" used a radio set to give them the latest information direct from the course. Fines aggregating £74 were imposed. So far as New South Wales is concerned it is well known that wherever sporting men gather a radio set is to be found.

THERE WAS a time when astute bookmakers in distant parts of the country would listen in and obtain the result of a race long before the official telegram arrived and then make a bet on a certainty with any punter sufficiently innocent. That time has passed; everyone who follows the turf game knows that practically every race at every meeting in the metropolitan area is described by an expert eye witness as it is being run, the words of the expert being broadcast. The result is that listeners can follow the progress of the race at every furlong and as the horses pass the finishing post the places are announced. It would be a simpleton indeed who nowadays would make a bet more than a few seconds after starting time.

The End of a Perfect(ly) Rotten Day.

When you are late to dinner and you feel all in,
And you've lost your key and can't get in,
And you have to wait and push the bell,
And the wife lets you in and reassures—
well,
Because you brought beans when she said rice
And the woman forget to leave the tea,
And you learn that year dog killed the neighbor's cat,
And the baby tore up your Sunday hat;
And you sit down to eat and the dinner's cold,
And your wife looks tired and you feel old,
And she wants to go to see a show,
And you don't and you say no;
Then she gets mad and goes to bed,
And you turn on the Radio and the history's dead,
And you 'phooze for new ones and they send them out,
And you look them up with wires stout,
And you mix connections like a country hook,
Pull the switch and burn out every tube,
And this, of course, calls for a drink of Rye,
But you go to the cupboard and the bottle's dry,
Then you pull the hair from your old bald head,
And you get awful mad and go to bed,
Listen in now—I want to say—
It's just the end of a Rotten day.

—OLD KING TUTT—His-self.

Many Melbourne Listeners Heard 2FC for First Time

WHEN 3LO relayed a programme from 2FC, on Monday, August 8, those listeners possessing moderately powerful receivers capable of hearing Melbourne direct, had an excellent opportunity of comparing the transmission of both stations.

The programme occupied from 7.50 p.m. until 10.30 p.m., and when it had been concluded the telephone in the Melbourne station was kept busy for some considerable time after.

Next morning, letters from all parts of Melbourne began to arrive in hundreds at both stations, congratulating them on the success of the relay. A few of the first letters to arrive were:—

ON A CRYSTAL SET.

Dear Sir,—We have only had our little crystal set about three months, but the programme relayed from your station (2FC) was excellent. It was just as clear as if someone was speaking in the room, and we thought "Mike" was perfectly splendid, and the monologues were very good and clear. We hope to hear much more from 2FC. Yours, etc., Mrs. B. Pappin, Melbourne.

35 MILES FROM MELBOURNE.

Gentlemen,—Your programme of to-night through 3LO, was received very clearly, and with good volume, and this in spite of a very rough wind and heavy rain during the whole time that you were broadcasting. I am 35 miles south of Melbourne, and use only a simple little crystal set. Yours, etc., P. G. Webb, Somerville.

LIKED "MIKE."

Dear Sir,—I wish to take the opportunity of congratulating you and the artists who helped to make your programme so clearly understood out here in Brunswick. I have only a crystal set, but can receive anything very clearly and especially your excellent programme and treat of last night. My children thought that "Mike" with the low, soft voice was very good, until the announcer at 2FC drowned him. The kiddies could not understand why the other man would not let "Mike" talk. The theatre part of your programme was all that could be desired, and I take the liberty of thanking you all for such a treat. Whenever I have the luck to listen into a valve set I shall certainly not miss the opportunity of tuning into 2FC. Yours, etc., G. Holman, Brunswick.

"OUR 'ARBOUR."

Sir,—In response to your invitation, it gives me the greatest pleasure to say that the relay effort last night was an unqualified success. I have



A MORNING'S MAIL.

Mr. H. K. Love, president of the Victorian division of the Wireless Institute, who talks from 3LO, is here seen opening a morning mail.

an aerial set not yet permanently fixed, with an aerial almost touching the ground, yet, even in these conditions I received every syllable and every sound. Even "Mike's" whispers were exceptionally clear, and commend his praiseworthy effort to boost "Our 'Arbour." At the same time, I would ask him not to deceive himself on that particular score, because quite handy there is another harbour which is superior, and that one is Hobart. Have you seen that One? I hope we shall be afforded the privilege of hearing frequently the splendid voice of your announcer, even though the declaration "Station 2FC Sydney, Farmers' Broadcasting Service," is rather a mouthful.

Yours, etc., B. H. Brown, Essendon.

NAIVE.

Dear Manager,—My Father wants me to write, and thank you for last night's lovely programme of music from Her Majesty's Theatre, "Madame Pompadour."

I could hear ever so plainly, and my dear Mother, who is in Sydney on holiday, will get such a surprise when I tell her what I heard. I wonder if my Mother was watching the play while I was in bed tucked up, with my Head Phones on. How funny Mike is. Tell him I am coming to Sydney Harbour when Dad brings me across in the Car, I hope this summer. Good-bye to you, and don't forget to send along another lovely music evening. From Yours truly, Russell J. R. Cooper, Elsternwick.

LONGED TO SEE HARBOUR.

Hullo! 2FC Sydney! Crystal set, 49 Banksia Street, Heidelberg, Victoria, here. We got you perfectly last night. Many thanks! Please compliment your pianist, who gave us selections from Beley, also Mr. Cunningham. We enjoyed the little play, too, and Mr. Van Der Klei's terms. Tell "Mike" we haven't seen the 'arbour but we've always longed to do so, but since we've heard his thrilling whistler over the air, why—we'd almost rather see "Mike."

AT BALLARAT.

Dear Sir,—Bravo, 2FC! I had the pleasure of listening in to your excellent programme transmitted from 3LO last evening, and as you ask for comment, I desire to say that it was received here in Ballarat perfectly, the clarity of tone and volume being all that one could desire. I quite enjoyed "The Ramblings of Mike," which were quite "fruity." I also enjoyed the programme submitted by 2FC from Leichhardt last Sunday evening. This transmission was also perfect, and in passing, I must compliment the lady vocalist, Miss Elsie Peckless whose voice came over with remarkable clearness and purity, in fact, it was one of the best voices I have heard "over the ether." In conclusion, I congratulate your station on their fine programmes, and I wish you continued success. Yours, etc., Bert Humphries, Ballarat.

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.



AMAZED.

Dear Sir,—I feel amazed that there can be anybody willing to carp about our broadcasting Sunday programmes. To my mind this day in the week amply repays me every penny of expense attaching to wireless listening. I question very much whether this self-appointed spokesman for the country folk is a correct echo of their feelings, as they can always get plenty of jazz and coon music on their gramophones without the expense of wireless, if they so desire.

After a residence among dinkum country people of twenty years and knowing them to drive twenty miles each way to attend a religious service, I am forced to the conclusion that a referendum of country listeners would be overwhelmingly in favor of the present programmes, and refuting what is a gross libel on their intelligence and musical taste.

It is quite astounding to me, the assertion that these people would prefer on a Sunday morning, to listen to something the dogs are barking about everywhere in preference to the delightful instrumental music at 10.20 each Sunday morning from St. Albans, broadcast by 2GB, then, again, are they to be deprived of such charming sounds as the pealing of St. Mark's, Darling Point, bells, such as we had this morning, to be followed by a choice of services from various churches, with some of the finest (and nothing but wailing) choirs in the Commonwealth; then, again, the crowds who flock to the Lyceum each Sunday, I venture to assert that there are thousands of country folk who welcome the delightful bright Sunday afternoon from the Methodist Mission.

As most of the religious services rarely occupy more than twenty-five minutes the set could easily be switched off for that time, and then I consider they can get full measure pressed down, for their twenty-seven and six. Or, on the other hand, Mr. Blair might induce 2KY to lay on some real hot stuff with a good tangy flavor.

It is inconceivable to me that anyone can apply such remarks as his to such services as Pitt-street Congregational, St. Andrew's Cathedral, Petersham Congregational or St. Stephen's Presbyterian. Knowing full well that our brothers and sisters on the land are truly grateful that wireless not only gives them the correct time, but the blessing of being in touch with the finest intellectuals we possess.

It is not the fault of the stations if one section of the community have abused their privilege and been switched off.

Yours, etc.,
MALLARD.

Mortdale.

LIKES BEDTIME STORIES.

Dear Sir,—Reading the various letters in your pages makes one wonder just how much people expect for the very small daily cost of a wireless license. Also, we wonder what part of the world they belong to! To my mind the bedtime stories from 4GG alone are worth the license. At other stations, the answering of letters makes the stories very monotonous.

As for reception—On a three valve set we get good results from all the eastern A stations, except that 4GG is sometimes distorted and fades badly.

The listener who cannot get one item each night, which alone is worth having wireless for, is either hard to please, or has little intelligence. The variety from 2FC is amazing.

With regard to Police Notices, I have a suggestion to make. We never know when these will come, and consequently may miss the very one in which we could help. I suggest that each of the three stations 4GG, 2FC and 3LO have a set time each night, different at each station, so that we could tune in to each in turn and get these notices and help if possible. Thanking you for space in anticipation.

I am,
R. L. CHALMERS.
Mundubbera.

WOMAN'S VIEW.

Dear Sir,—For my sake, the religious programmes are, on a whole, most enjoyable, and not the waxy wailing programmes that Jack Blair seems to think. This afternoon, for instance, the programme has been beautiful. There are, of course, some whose voices don't broadcast quite as agreeably as others. In that case it is quite a simple matter to find a station more agreeable. I think the Sunday Church Services are an infinite relief to those everlasting jazz records. Some of Mr. Blair's remarks, I think, are extremely rude, and uncalled for, and I am quite sure the broadcasting managers are not afraid of offending an imaginary public, any more than the clergy would set up a "howl." We are not all worshippers of Jazz.

Yours, etc.,
Mrs. EDNA WHEATON.
Edgecliff.

SHOULD BE FAIR.

Dear Sir,—Mr. Jack Blair denounces Sunday Church Services for various reasons, one being that the majority does not want them. Is his memory bad, or isn't he cognizant of the fact that Church Services were recently at the top of the poll in the public's opinion. It seems to me a very narrow view to take of the matter, because keeping the Sabbath Holy is as much a Commandment as "Thou shalt not steal," or any other of the Commandments. He must not forget that there are thousands who are confined to their homes because of home duties, old age or sickness, who just long for Sunday services, and they don't begrudge your correspondent his seventy odd hours throughout the week when mostly secular music, talks, etc., are given.

I would therefore ask him and others who may think like him, to be a little sympathetic and unselfish, remembering that the Christian has a fully developed mentality, whereas scientists say those who are only secular are considered somewhat inferior, unselfishness should be shown, I fancy, and I make this appeal accordingly.

Yours, etc.
L. G. LEE.
Sydney.

Meet Brother Bill of 3LO

Notes and News from the Southern State by H. ELLO

WHO is the King of 3LO Studio at present? The answer is Brother Bill. Nobody knows who Brother Bill is. He comes in masked to the ears and puts out Sunday night talks to youngsters. He has a line of talk, to quote from America, that puts ordinary uncles and aunts of the radio on the blink.

What is his line? Well, it is hard to describe in a word. If one said "sermons," one would be giving a wrong impression. It is not what the English schoolboy would describe as "pi-jaw" either, though the effect is somewhat the same. It is rather a painless application of moral principles to boys and girls who have enough idealism to wish to behave as decent little animals, if only they can be shown that they will not be accounted molly-coddles for so wishing. Brother Bill's talks have a terrific punch, apparently, for many listeners have written suggesting that they be printed and circulated.

Sure enough, 3LO, which is daily kicked in the letter columns of the press for being soulless, has arranged to go to the expense of publishing Brother Bill's talks, and they are already in the mails, on the way out to those who wish to have a permanent record of his philosophy. They have Dr. Frank Crane down for the count, even though they do not number 10,000,000 readers daily.

Madame Gluck on Radio.

This very day I spent an hour with a very charming lady, Alma Gluck, whose other name and title to fame is Madame Zimbalist.

In the course of a talk that ranged from China to Fern it was inevitable that we should touch on the great invention that spans them both. Madame Gluck does not like the radio. It represents something that makes the pursuit of pleasure too easy. This, its greatest testimonial, to radio fans, is its chief curse, according to Alma Gluck.

Her feeling is understandable. When a man can look out of the window, shiver violently at the sight of the slanting rain arrows, thrust his feet into slippers, a cigar into his mouth, and a plug into a wireless set, he is unlikely to venture forth to a concert hall. He will summon to his aid that genie of the air and hid him bring thither sweet music. Then, at his ease, he may enjoy.

You can easily imagine how such a picture of lazy comfort infuriates an artist.

I put in a plea for the radio as an educator of people to good music otherwise unprocurable. Madame would have none of it, for to her edu-

"The Next Stage"

Since playwrights started writing
In ancient Greece's palmy days—
They've written them in all the ways
You care to name;
Since carefree Aristophanes
And Shakespeares, with his tragiques,
In every shape and form you please
To praise or blame;
You'd say there were no more to find,
But here there's still another kind.

The wireless play has come, although
It is not known quite and so
Our enterprising 3LO
Is now inviting
All you with wit and intuition,
With time and literary ambition,
With briefness, judgment and decision,
To try play-writing.
Now is the time to show the way
To write a one-act wireless play.

Once plays were shown upon the stage,
Or published on the printed page,
But this new product of the age
Meets but its own—
No more we'll see the maiden fair,
No more the villain's evil glare,
No more the father tear his hair,
But we may hear
The chorus dancing with precision
Now all we want is television.

education in music means hearing a classical concerto or symphony many hundreds of times, until at last its finer meaning impinges on the soul of the listener. She claims that this repetition is impossible on the radio.

Nevertheless, it is undoubtedly a fact that the radio, while it cannot make a musician out of an unmusical person, does indeed bring the salience of great art to those, who, without being able to pick out motifs, are yet inexpressibly soothed, they know not why, by great music greatly performed, which but for wireless would always have remained unknown.

Football on the Air.

One of the most successful portions of 3LO's programmes have been the weekly descriptions of football matches by experts. During the forthcoming Football Carnival Week, when the game will be played daily, 3LO will arrange that each afternoon the game will be convincingly described.

There is something catching in the excitement of a football crowd, as heard over the air. The announcer's voice grows sharp with frenzy as a sudden turn in the fortunes of the game cuts short his unemotional announcement that the ball is now in play at the north end of the ground. As his voice tells the story of the shift of focus, the roar of the crowd

confirms him and the unseen and unseeing thousands at their seats thrill with answering emotion. I defy anyone to listen to a skilled man describe a first-class match, without being stirred to expectation, and, if the description has been really expert, driven to taking sides. For myself, I have not been to a match for 20 years, but I tune in at the first "go-off" if a 3LO artist is on the job. Just as during Golf Week, the best expert money can hire will deal with each day's play, so during the Football Week enthusiasts, whose grandmothers will not conveniently die, may sneak out for half an hour to the nearest radio dealer and listen in to his favorite team being beaten or otherwise, as fortune inclines.

Lieut. Quiller's Leap Into Space.

ONE of the most sensational parachute descents ever made in the world took place at the Essendon Aerodrome recently when Lieut. Haakon Quiller, the famous Norwegian parachutist, jumped into space from an aeroplane, flying against a terrific northerly gale. The descent was the first of a series specially arranged by 3LO. Mr. Norman McCance, 3LO's popular wrestling broadcaster, gave a dramatic description of this thrilling descent which was broadcast by 3LO, and afterwards Lieut. Quiller faced the microphone and calmly and modestly told listeners of his impressions and feelings during the great drop as though it were a daily occurrence to him. As a matter of fact, he has made over 400 important descents in the automatic "Thorblad" parachute, of which he is one of the inventors, but last Saturday's effort was unique on account of the high wind velocity and cross currents. It was so boisterous in the air that the signalling arrangements failed as between him and the pilot, Capt. Matthews, of round the world flying fame, and he actually leaped from the cockpit of the huge de Havilland aeroplane in the howling gale without Capt. Matthews knowing that he had gone.

A tremendous crowd assembled to witness the thrilling spectacle, and Lieut. Quiller received a great ovation.

Lieut. Quiller will repeat his thrilling feat on the 6th and 13th August, when a world's record descent will be attempted.

Reception Reports Indicate Improvement

2FC PERFECT.

Dear Sir,—I have read a few letters in reference to distortion since 2FC altered their wavelength. I have a 2 valve set, a single valve which I simplified. 2FC was fair under the old wavelength, but since it was altered I have had excellent reception of 2FC.

I have just built a Two Valve Harkness Reflex and 2FC is perfect. 2BL, 4QG and 3LO are not good, having a background of each other, which I would like to clear. Could you give me advice on the matter?

Yours, etc.,
J. FORSTER.

Touwoomba, Q.

LITTLE FADING.

Dear Sir,—I cannot help wondering at all the complaints that reach you concerning the reception of 2FC, 2BL, and 3LO. Although I am using only a one valve reflex set, I can get 2FC an excellent phone strength with very little fading. 2BL is not quite so loud, but is very steady, 3LO comes through very well with no fading whatever.

I think that if some of the critics saw to their sets before complaining, there would not be half so many letters of condemnation.

Yours, etc.,
"CONTENTED."

Brisbane.

2FC AND 2BL SPLENDID.

Dear Sir,—I have noticed many letters regarding good and bad reception of 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. This station seems to be much abused, but much sought after for programmes.

My position is 54 miles north of Sydney. I mention this, as many writers state 2FC good at long distances, but bad within, say, 100 miles. I have never known 2FC or 2BL to be anything but clear and strong, both day or night. Their transmission is perfect any day, any week. 2GB is also good.

Stations 3LO, 4QG, 3AR, 5CL, are very reliable during evenings. 2YA and 7ZL are generally dependable on the conditions existing.

My set is a three valve, with which I use a loud speaker. My complaint is, too much to choose from in way of programme.

W.R.G.

Lisarow.

Following the publication recently of a number of reception reports, mostly of an unfavorable nature, we have received many communications from listeners stating that a considerable improvement has been experienced in the reception of 2FC and 2BL. We publish a selection of the letters below.

PERFECT ON CRYSTAL.

Dear Sir,—In reference to the reception of 2FC and 2BL I quite agree with the answer to the question. It is either the A.C. or the set. I receive both these stations perfectly on a crystal set, my own construction, capable of using about four pairs of 'phones, and I would like to pay all a very great compliment.

What I wished to write about was in reference to "Less Religion, by J. Blair." I live quite alone and wireless is invaluable to me, but I never use my wireless on Sunday, when I often spend an almost uninterrupted day. I am not referring to this from a religious point of view. My opinion of wireless may be a little severe, but I would like it non-political and non-sectarian, as far as possible.

Yours, etc.,
GERTRUDE KAIR.

Rockdale.

2FC IMPROVED 50 PER CENT.

Dear Sir,—I have tried various places in this district and different circuits, but in the case of 2BL the fading and distortion continues to be very bad on many nights. It is no fault of the stations concerned, neither is it the fault of the receiving set, because 2BL here in daylight is perfect and lately 2FC has improved 50 per cent. in daylight volume and clarity. At night time, however, the station is often very bad.

New Zealand stations come in perfectly. Brisbane has been splendid, but lately patchy, owing, no doubt, to the days getting longer and tropical storms up that way. 3LO is good, but often fades right out; the S.A. stations are always good.

Yours, etc.,
J. LIPSCOMBE.

Bodalla.

JUNEE RECEPTION GOOD.

Dear Sir,—Mr. H. V. Match, of Junee ("Wireless Weekly" 29/7/37) complains of day and night reception of Sydney stations. For both his and other readers' benefit, I, too, will give details of reception in Junee on a five valve (Atwater Kent) receiver.

2FC.—(Daylight reception excellent, as good as when on 1100 metres. Night good, with a great deal of fading.)

2BL.—Received in daylight at fair speaker strength only, not worth listening to at night on account of fading.

2GB.—Fair speaker strength in daylight, about the same as 2BL. Too noisy at night.

3LO.—Daylight reception the same as Farmers. At night perfect, no trace of fading.

3AR.—Third best daylight reception, just comfortable speaker strength.

At night very good, with slight fading.

4QG.—Phone strength in daylight, night-time perfect, fading only two or three times during the programme.

5CL.—Daylight reception nil, good at night.

In my opinion nothing under five valves is of any use for daylight reception, as after all, we want good reception at speaker strength, not faint speaker, or good phone either, but nice comfortable volume, with a bit to spare in case of emergency. I may mention that the above is my reception between noon and one o'clock, because at about three or four o'clock, Brisbane comes in at fair speaker strength, and Adelaide at good phone.

Yours, etc.,
F. J. LYONS.

Junee.

GOOD, OH!

Dear Sir,—Good! The relay last night was a great success. I enjoyed the programme immensely. The reception here was perfect. I have only a crystal set, but the whole arrangements, to my mind, were a huge success, and a tribute to both 2FC and 3LO. I enjoyed the excerpts from "Madame Pompadour," and it seemed to be a good idea to give the story of the play before switching across to the footlights. The dialogue cannot be enjoyed properly, as listeners cannot see the acting. I couldn't get the hang of the "Mike" at first, but after a time I enjoyed his comments, although, I don't think his ghostly wisper would be conducive to serenity in the minds of timid and lonely people, particularly "nervy" women.

Yours, etc.,
B. BENTON.
W. PRESTON.

Melbourne.

Elderly Radio Children

OF all the various matter sent over the air by the Australian Broadcasting stations, perhaps nothing is of a greater human interest than a little 10-minute talk given every Saturday evening by the "Hello Man" of Station 2FC. After he finishes his talk and stories to the children, Mr. Cochrane passes on to have a word to a family of very much older children. There are about forty persons in this family, some very old, most of them invalids, quite a number utterly helpless. Some are in their own homes, some live with friends, some are in hospitals, but each man and woman of them prizes most among earthly possessions a radio set, with which long tedious hours are whiled away. To avoid identification Mr. Cochrane calls each by a Christian name—just a word of cheer, a reminder that they are not forgotten, an acknowledgment of a letter one or other may have written, a word or two to brighten the declining years of life. They live in all parts of the State, these elderly members of the radio family, but they never miss the Saturday night call. Among them is the "Hello Man's" first "radio niece," and as such she is always addressed by Mr. Cochrane. It is recalled that in the early days of broadcasting when Station 2FC had been running only a week or two, Mr. Cochrane, who had been spending many hours endeavoring to entertain listeners, was wondering how it was all "going over." Was his work really appreciated? Did any one care whether 2FC continued to broadcast or not? He had no means of telling—you cannot applaud a person who is broadcasting. Then came the first letter of appreciation—the first of tens of thousands. It was written from the heart of an elderly woman and it brought great joy to the man who received it. Mr. Cochrane calls her his first radio niece, and no Saturday night goes by but a special word of cheer is broadcast for her from 2FC. The "Hello Man" has only one regret—time is too limited for him to do more than say a word or two to each of his listeners.

"New System 5."

The latest product of New System Telephones Pty., Ltd., is announced in the form of a Five Valve Drum Control Receiving Set. The Australian pioneers of the now well-known Burgess and Philco radio batteries make interesting claims for their "New System 5," which is chassis-built and shielded like the finest motor car. Enquiries are directed to the Company's radio offices in 280 Castlereagh Street, Sydney.

£50! PRIZE TO BE WON

Have you decided what type of set you are entering in our £50 Prize Competition?

Call in and see us about it, we will be pleased to advise you!

Conditions.

The sum of £50 will be given to the person who constructs the best set out of Parts purchased from us. All entries to be in at our office not later than 30th September.

Points that the Sets are to be Judged:—

- Neatness in Design.
- Attention to Detail.
- Efficiency, Performance.

Here are some of the lines to choose from.

No. 307.—Trufonic Assembly Catacomb, for 7 Valve Set £9/15/-

No. 306.—Trufonic Assembly Catacomb, for 6 Valve Set £8/15/-

Victoreen Super Het. Kit,
4 R.F. Transformers, 1
Aerial Coupler ... £10/5/-
Sickle's Shielded Coils, 13/6
Na-ald 4 Gang Cond. 97/6
Na-ald 3 Gang Cond. 65/-
Na-ald 2 Gang Cond. 52/6

B. BATTERIES.

Burgess, 45 Volt ... 26/-
Columbia, 45 Volt ... 25/-
Everbest, 45 Volt ... 25/-

A. BATTERIES.

1½v. A.C.E., Dry Cells, 2/9
1½v. Columbia, Dry Cells,
Price 2/9

C. BATTERIES.

4½v. Everbest 2/9
4½v. Ever-ready 2/9
Full Stock Clyde
Accumulators.

SPECIAL:—Eagle Trickle
"A." and "B." Battery
Chargers. No Acid Needed.
Price £4/15/-

We Will be Pleased to See You at—

The Sydney Radio Co. Ltd.,

60 Castlereagh St., Sydney

Phone B 6651.

Open Friday Nights.

It's All in the Air

Coming Features in the Broadcasting Programs

CYRIL KAYE, the new Director of the New Westworth Symphonic Dance Orchestra, has many improvements in his melody makers, not the least of which is the inclusion each Saturday night of the well-known Britmore, Norman Janson, singing popular melodies.

"MADAME POMPADOUR": The last night—24th August—will be broadcast by 2FC. Excerpts, listeners have not yet had the pleasure of hearing, will be put on the air.

"RUDDIGORE": Mr. James Hay will give a talk from 2FC on this little known Gilbert and Sullivan opera, prior to the opening night on Saturday, 27th August. His talk has been set down for Thursday, 26th August.

GEORGE PORTUS, one of Sydney's oldest theatrical identities, has arranged to give a series of reminiscent chats from 2FC, the first of which—"Managerial Memorizing"—has been set down for Tuesday, 30th August.

MUSICALS FROM GOVERNMENT HOUSE: The Musicals to be held at Government House on 1st September will be broadcast by 2FC. Assisting artists include Rene Maxwell, Dagmar Thomson, Madame Betts-Vincent and Alfred Cunningham.

LAWRENCE MACAULAY: Noted Scotch bass baritone, has just landed in Sydney, and brings with him a great reputation as a broadcasting and concert artist. His work is greatly delightful, and listeners to 2FC enjoyed his first broadcast appearance on Thursday, 28th July.

CHARLES RENTON, whose entertaining songs and "Topical News Bulletins" are so familiar to wireless audiences, will again shortly be heard from 2FC.

Besides entertaining listeners in Sydney, Mr. Renton has also broadcast with considerable success from 3LO, Melbourne, and at one time acted in the capacity of announcer for that station.

LORRAINE OSBORNE, who will in future be announcer for 5CL, is an old friend of Sydney and Queensland listeners, having been announcer for 2BL and 4QC, Queensland, for over two years.

When associated with 2HL Mr. Osborne was known by the thousands of little ones as "Uncle Jack," and will retain this name whilst with 5CL.

Radio by Midnight

Many people listen in when plays are carried out from overseas during the small hours of the morning, and these hardy enthusiasts will have the opportunity of a unique reception on Wednesday night next, 17th inst., when for the first time in Australia 2FC will give a radio midnight performance.

At 11.30 on that evening, every Station in Australia and New Zealand will be closed down, and from then on until 1 a.m. 2FC will provide a special programme, introducing many novel features.

Listeners in every State will hear Station 2FC under unique circumstances, and crystal set owners living at a distance from the Station will be afforded a most favorable opportunity of satisfactory reception.

THE THEOSOPHICAL BROADCASTING STATION, LTD., have secured the services of Mr. Walter Hunt, the Examiner in Elocution to the Australian Music Examinations Board, State Conservatorium of Music, who is anxious to discover talented amateur dramatic artists for the purpose of producing from Station 2GB a series of radio plays which will have their first presentation in Australia. Mr. Hunt has had the privilege of training and presenting to listeners in the clever young Australian actress, Miss Dorset Bennett, who, he believes, has a brilliant future. All those Australians who are interested communicate with Mr. Hunt at his studio, Adyar House.

A WELCOME return to Studio 3LO is Madame Elsie Davies, the delightful operatic soprano, who has endeared herself to the hearts—and ears—of all listeners with her rich voice and artistic interpretation of well-known arias. During her coming series of recitals she is about to broadcast many operatic scenes that have hitherto not been given over the air, and to do this effectively she will have the able support of the Auburn Methodist Choir, who have been trained and rehearsed by Mr. Sinton Crow. Madame Davies will also include some tuneful ballads in her repertoire, so that all classes of musical listeners will be catered for.

THE THEOSOPHICAL BROADCASTING STATION, 2GB, Sydney, continues to enjoy a substantial following as is shown by numerous "applause" letters which are received by the manager. Among items considerably favored at the moment are the short plays and recitals broadcast by Mr. Walter Hunt of the Sydney Conservatorium, the addresses of Mrs. A. M. Hamblin on vocational training, and the talks of Dr. P. Rooste from Holland, who is giving a series of talks on "Human Temperaments." Another feature of 2GB is the talks of Rev. R. B. S. Hammond, the popular Church of England clergyman who, every Monday evening, speaks on "Mending Broken Men."

SAM CLAPHAM has joined the band of Stalwart Wrestlers to broadcast from 3LO. He will be heard at an early date—talks on "Health and Hygiene."

VERSATILITY is one of the most necessary attainments of a broadcasting entertainer, and even a star of world renown would become wearisome without a change of programme. Harry Cash, a new entertainer in the programmes of 3LO, Melbourne, has no fears in this respect. This versatile vaudeville performer has made it his business to study every angle of character comedy. He soon sings and stories are just as successful as his studies of Jewish, Scottish, Lancashire or Irish characters. Harry Cash is a well-known performer in Australian celebrity pandemonium. He is a South African by birth.

ALTHOUGH the xylophone is no strange instrument to listeners, the popular instrument will appear in an even more favorable light when Ray Vaughan, an American instrumentalist from the Tivoli Theatres, is heard from 3LO, Melbourne. He is the finest exponent of the xylophone yet heard in Australia. In his hands the instrument is capable of wonderful organ-like tones, and there is none of the harsh metallic pounding which so often leads people to misjudge the musical capabilities of the xylophone.

LISTENERS DOWN SOUTH have their own troubles. One of them wrote to a Melbourne station that when his favorite item, a band performance, was due, he would like an announcement made, as sometimes he did not know whether it was a band or a thunderstorm.

RADIO

IN AUSTRALIA
& NEW ZEALAND
Incorporating "Sea, Land and Air"

ARTICLES IN THE AUGUST ISSUE

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

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

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

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

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

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

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

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

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

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

THE BEST SHILLING'S WORTH IN AUSTRALIA.

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Radio Parts
are sold at
Lower Prices
Economic
Radio Stores
will sell them.



Pure Tone, Volume Surprising
Adjustable Belt

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Loud Speaker
£2/14/-

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569 Hunter St., West,
Phone: New, 1822.

The EVERYMAN'S 4-Valve Set Parts

Cost **£7/15/9**

	£	s.	d.
1 Genuine Polished Radion Panel, cut true, 24 x 7 x 4	1	0	0
2 New Aladdin (Airzone) 3-Coil Tuners, at 14/5	0	17	6
1 Quaker (brass plate) Straight Line Condenser, .0005	0	9	6
1 Quaker (brass plate) Straight Line Condenser, .00035	0	8	6
2 Pilot Kilograd Slow Motion Vernier Dials, at 6/9	0	13	6
4 Pilot UX Bakelite Anti-vibration Valve Sockets, at 3/3	0	12	0
1 Advance Neutralising Condenser	0	4	0
1 Wetless Mica Condenser, .00025, with Clips	0	1	9
1 Philmore 2 Megohm Gridleak	0	1	0
1 Crescent Audio Transformer, ratio 6 to 1	0	13	6
1 Crescent Audio Transformer, ratio 3½ to 1	0	13	0
1 Double Circuit Jack	0	2	2
1 Single Circuit Jack	0	1	9
1 Battery Switch	0	2	0
1 Wetless Mica Condenser, .001	0	1	6
2 Emmcostads, No. 1, at 7/6	0	15	0
1 Philmore Standard Terminal Board, with 8 Posts	0	2	6
1 "Brachstat" Filament Ballast for 2 Valves	0	4	9
1 dozen Square Buswire	0	0	10

Guaranteed Set of Parts **£7/15/9.**

Send for Them Now

The following parts can be substituted if desired:—

F.M.C. Audio Frequency Transformers (Pigtail Connection)	s.	d.
	0	7
Benjamin UX Anti-Vibration Valve Sockets	0	4
Ampertes Filament Ballasts	0	6

VARIABLE CONDENSERS

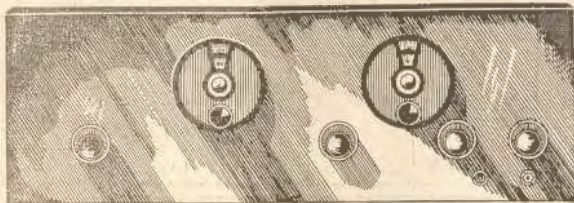
	s.	d.
Quaker S.L., .00035, 6/6; .0005	9	6
Continental S.L.F., Aluminium, .0005	9	6
E.C.D. Straight Line Separation, .0005	10	0
Karas Orthometric, .00014 or .00025	32	9
Karas Orthometric, .00037, 33/6; .0005	34	9
R.C.C. Condensers, with Brown ends, .0005	6	6

AUDIO TRANSFORMERS

	s.	d.
Crescent, 6 to 1 or 3½ to 1	13	6
A.W.A., 2 to 1 or 3½ to 1	18	0
Emenco, 5 to 1 or 3½ to 1	17	6
Advance, 5 to 1 or 3½ to 1	17	6

COUNTRY CLIENTS.—For your protection all our goods carry a Money Back Guarantee. If returned in good order, within 7 days, We Pay Carriage on Orders of 10/- and over, except on Batteries, Loud Speakers, Cabinets, and Value Payable Post Parcels.

EVERYMAN'S FOUR



FOR some reason or other four valve receivers are not so common amongst listeners, the exceptions being the Browning-Drake and the Marco Four, and the Bayer Four. Three and five valve receivers seem to enjoy more popularity than the four, but a good four valve receiver is an acquisition.

Four valves may be of different combinations. A set of this number of valves may comprise a detector, followed by three stages of resistance coupling or double impedance amplification. This combination is good for local stations. Also it can be of two radio stages detector and one audio. This arrangement will bring in the distant stations very nicely. But the most popular arrangement is the one stage of radio, a detector, then two stages of audio frequency amplification. This is the combination used in the three receivers mentioned above, and is the same used in this week's receiver.

Now radio frequency amplification is indeed useful for bringing in the inter-State stations, but some good form of stabilised radio frequency is necessary before it is worth bothering with. This time we will make it of the transformer coupled variety and neutralised. When transformer coupled is mentioned, some folk accept an impression of the old LV1714 type of encased transformer, which was very broad in tuning. This impression is wrong, as any two coils of wire coupled together with energy induced from one to the other, becomes a transformer. The ordinary three coil tuner is a radio frequency transformer, and it is two three coil tuners we press into service for this week's receiver.

These three coil tuners used are quite new to the Sydney enthusiast, although they have been made in Sydney for some time now. Our Victorian readers will recognise the neat, compact Aladdin tuner. It is efficient

and is adaptable to many different circuits. Like the average three coil tuner, the Aladdin boasts of a primary, a secondary, and a reaction coil. The primary coil is wound on the outside of the secondary, which is fixed as a stator, and the tapper is the rotor, which turns inside the secondary. Very little space is taken up with this little tuner, and as all the wiring points come out on a small panel the connections are greatly simplified.

One of these tuners is used as a radio frequency transformer, and the other as the usual aerial-grid coupling device. To this end, the first, a few alterations in the connections. There are eight soldering points in the couplers, and they are marked R, R, G, T1, F, E, T, and A, meaning

R.R., reaction coil connections, G, grid of secondary coil; T1, tapping for neutralising where necessary; F, the grid return, which joins the filament; E, the earth connection; T, a tap for connecting a long aerial, a tapping in the primary coil, and A, the standard aerial connection.

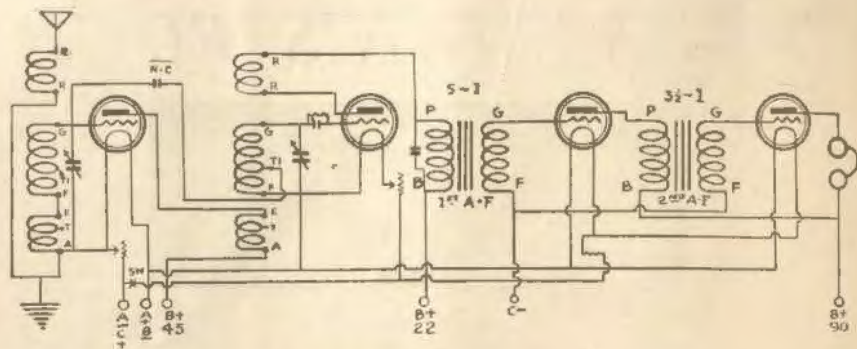
For our purpose here in the first unit neither tapping is used, but in the second unit, the radio frequency transformer, T1, is used for neutralising purposes. It is really necessary to control oscillations in some manner, and the method adopted is the well known system of neutralising the inter-electrode capacities of the valves and associated wiring. This is a modern method which is extremely efficient.

Looking at the circuit diagram, it will be seen that in the first unit the reaction winding, R.R., is used for the aperiodic primary. Actually, it is not really aperiodic, as its relation to the secondary being variable, a certain amount of inductive tuning is effected. The F and E lugs are joined together, thus extending the secondary or grid coil from G to A, therefore joining the primary proper to the secondary coil, making the grid return come from A instead of F, as is the case in the second unit.

The second unit, the radio frequency transformer, uses the primary proper A to E, as the primary of the R.F. transformer, the secondary being from G to F, and the reaction from R to R. The radio frequency valve grid coil is tuned with a .0005 or an .00035 variable condenser, and the detector grid coil is tuned with a similar sized condenser. An Emuro stand is used as filament control for the radio valve, and one also for the detector valve. The two audio valves are controlled by one Amperite. When purchasing this Amperite, specify the

List of Parts.

- 1 Dilecto or Radion Panel, 24 x 8 x 3-16.
- 2 Aladdin 3 Coil Tuners.
- 2 .0005 Pilot Capacigrads, or
- 2 .00035 Pilot Capacigrads.
- 2 Pilot Vernier Dials.
- 2 Emurostads, No. 1.
- 1 R.M.S. S.C. Jack.
- 1 R.M.S. Battery Switch.
- 1 .001 mfd. Pilot Isograd.
- 4 Benjamin Sockets.
- 2 F.M.C. A.F. Transformers.
- 1 .00025 Grid Condenser and Clips.
- 1 2 meg. Leak.
- 1 Renrade Neutralising Condenser.
- 1 Amperite for 2 Valves.
- 3 1/2-inch Knobs for Tuners.
- 1 Terminal Board.
- 1 Baseboard, 23 x 9 x 1/2.
- Busbar, Screws, etc.



valves you intend using and also the size of the A. battery in voltage, as differently sized Amperites are available for different valves. The usual two stages of audio are added to this receiver, the standard practice being followed of using a larger ratio in the first stage and a lower ratio in the second stage.

Notice that the A. negative and C. positive are connected to the same terminal, and also that the B. negative and A. positive are on the one terminal.

It is suggested that 45 volts B. battery is sufficient for the radio frequency valve and 22 volts for the detector valve, while 90 volts as plate current for the audio valves will be ample. A grid bias battery of from 43 to 74 volts will be found suitable. Only by trial can the correct biasing be found.

The construction will not present many difficulties. The front panel view shows the relation of the different parts. The two dials for the condensers will be recognised. The Aladdin tuners are represented by the two small knobs on the left, the Emmeccosts by the other two small knobs. A battery switch and single circuit jack completes the panel.

The baseboard components are clearly seen. The Aladdin tuners may be viewed snuggling into the panel, one to the left of the first variable condenser, and one to the right, and close to the second variable condenser. The Amperite is plainly shown, as are the valve sockets, transformers, etc.

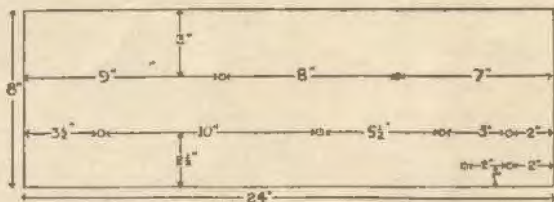
Treat the baseboard to a coat of shellac after trimming the edges, and lay out the parts. Follow out the layout given. Remember that the audio transformers should be placed at right angles to one another. Fix the panel to the baseboard, then commence the wiring.

Join the aerial terminal to R2 of the first tuner. Join the earth terminal to A of this tuner, and to the moving plates of the first condenser. Link together one filament terminal of each valve socket, then run a wire to the A. positive of the terminal board, which is joined to B negative. Link together the two remaining F terminals of the audio valves, and join to one side of the Amperite. The other side of the Amperite join to a common wire between one side of each Emmeccost. The remaining side of that Emmeccost, which is near the variable condenser, is joined to

the remaining F. terminal of the radio frequency valve socket. The remaining F. terminal of the detector valve socket is connected to the remaining side of the second Emmeccost. Make a connection from the common Emmeccost-Amperite wire to one side of the battery switch, the other side of which joins the A. negative wire terminal to A. negative and C. positive.

On the first tuner join H to F. Link take G to G of the radio frequency of the terminal board. Join earth wire, and to the fixed plates of the first tuning condenser. From the G of the first valve take a connection to one side of the neutralising condenser, the other side of which is taken to T1 of the second tuner. Join P of the first valve to E of the second tuner. Join F of this second tuner to the common positive A wire, and to the moving plates of the second variable condenser. Join the fixed plates of this condenser to G of the second tuner base, and to one side of the grid condenser, the other side of which joins G of the detector valve. F of this detector valve is joined to R1 of the second tuner. R2 making contact with the P of the first A.F. transformer. To this wire, solder one side of a 001 fixed condenser, and take the other side to the B. of this transformer and to the B. positive 22 volts on the terminal board. Connect the B. 45 terminal to A of the second tuner.

G of the first audio transformer goes to G of the third valve. F of this transformer joins F of the next transformer, and from here a connection is made to the C. negative terminal. Join P of the third valve to P of the second A.F. transformer and take a lead from G of this transformer to G of the fourth valve socket. Link B. positive 90 volt terminal with B. positive of the second



One more achievement !

The Bag Type
Longlyfe B Battery !

No. 30-60

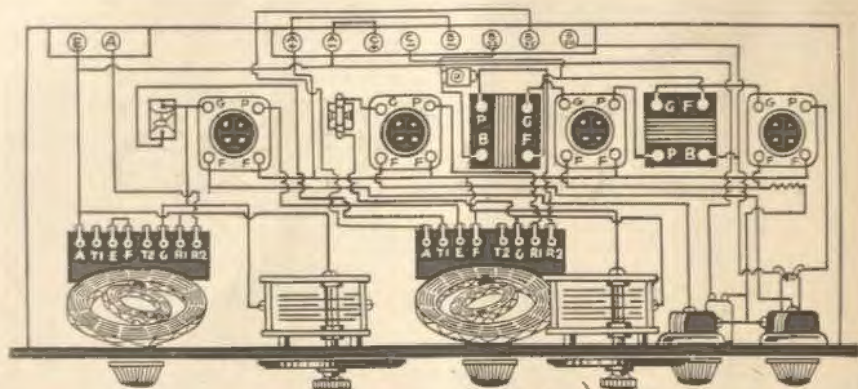
**A BRIGHT STAR
Product**

The Ideal "B" Battery for use wherever consistent longlyfe high quality service is required. Recommended for sets with five valves or more.
Price 33/-

BRIGHT STAR



International Radio Co. Ltd.
200 CASTLEREAGH ST. :: :: SYDNEY



A.F. transformer, and to one side of the jack. The other side of the jack join to P of the last valve. This completes the wiring.

Compare your connections with the plan view, and the circuit diagram. Carefully check over every wire, then test out. Connect the aerial and earth and insert the valves in their sockets. Join up the A. and B. batteries. If 2 volt valves are being used, then a 2 volt accumulator is necessary. Don't expect the best results from 2 volt valves with a 4 volt accumulator, and be judicious when you use a 6 volt accumulator in conjunction with 4 volt valves. The B. battery must be connected in accordance with the valves used. The set illustrated was tested on Cosnar valves of the Point One variety, and 22 volts were applied to the detector valve with 60 volts for the radio side. The whole of the battery, 90 volts, was applied to the audio valves with a grid bias battery of 24 volts.

Try these valves for a start, and plug in the speaker. If the speaker emits a high pitched whistle when first plugged in, turn the knob governing the reaction coil in the second tuner. As this is rotated, the whistle will drop in cadence to a low growl, and finally disappear. If it doesn't entirely vanish, this effect can be produced by lowering the Emmocoast governing the radio frequency valve and also that one which controls the detector. Now tune with the variable condensers. A station will soon be heard. Gradually turn the reaction knob and the volume will increase up to the point of oscillation. Now switch your primary coil control on the first tuner. As it is turned one way or

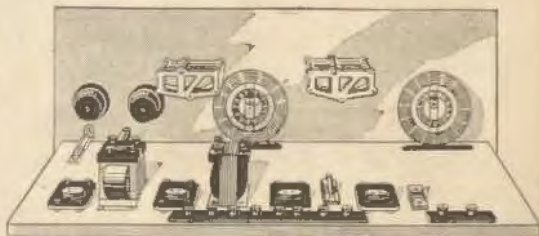
the other, the volume is altered, and the receiver may oscillate slightly. Adjust the first condenser again to overcome this whistle. Try different adjustments. The local stations will be easily brought in. Seek the inter-State now. Careful tuning is required. Find 4QG, Briabane. Bring it up to the maximum volume. Get a long sharp pointed stick and neutralise. As you adjust this small neutralising condenser, the volume will increase, or decrease, according to the side to which it is tuned. You will find the best adjustment to be near the point where the moving plate begins to be enmeshed within the fixed plates. Tune again, noting that no violent oscillation takes place. A few hours with this wonderful set will be spent in getting to know it properly. No one can learn all about a receiver the first night. It takes a certain amount of understanding. Time alone will yield this.

On actual test at Marrickville the results were good. Melbourne, Bris-

bane and Adelaide were quite good in volume. 2YA of New Zealand on 430 metres, took a little bit of handing to separate from 2FC, but it can be done.

RADIO AND THE AURORA BOREALIS: The influence exerted on wireless reception by the aurora borealis has formed the subject of researches by the director of the Good-haan wireless station in Greenland. He states that tests over a prolonged period have not revealed any increase of diminution in signal strength which could be attributed to the "Northern Lights."

HAVE YOU FILLED in your income tax form? Worried locks, labored calculations and fears of sins of omission are plentiful just now. The income tax month provides many problems. SLO, Melbourne, is endeavoring to simplify matters by broadcasting a talk on "Income Tax," by Mr. C. J. Williams on Monday, August 22nd. Mr. Williams literally wrestles with such problems. Occasionally he talks from the studio on wrestling.



Squeeze Glass Cells with each Philips.

BRANDES

The New—— Brandola

NEW! New in the quality of its performance. New in the beauty of its appearance. New in the moderation of its price.

ANOTHER BRANDES' achievement worthy to stand beside the now famous Table Talkers. Brandes' engineers have worked for years to make its tone strong, mellow, true.

ATTRACTIVE—because an expert decorator suggested its simple lines and neutral brown finish.

THE perfect gift for every radio listener. The easiest way to turn a one-man toy into a toy for all the family, and it's only 90/-.



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International Radio Co. Ltd.

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SYDNEY

**Brings the Artist
Nearer,
Makes the Music
Clearer.**



“Tefag” the New Cone Speaker

is something new in Loud Speaker design and construction. Scientifically made. Has full floating diaphragm, 4 pole adjustable magnets, and tone purifier. Frame is made of Heavy Copper, florentine Bronze finish and of attractive design. You will be amazed with its clarity and fidelity of reproduction.

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Packed in special carton especially designed for country transportation. Other types of Cone Speakers which also carry our guarantee.

Complete Stocks of all Standard Makes of Speakers, such as Amplion, Brown, Ethovox, Manhattan, etc., Horn and Cabinet Type.

R.C.A. 100	£10/10/-	Amplion	£7/15/- and £8/8/-
Rola	£6/15/-	Scala	£2/15/-
Philips	£6/10/-	Hegra	39/6

Expert Advice Gratis on All Your Radio Problems.

WILES' WONDERFUL WIRELESS & ELECTRICAL STORES

BRANCH:
23 Pitt Street,
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Established over 20 years.

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BROADCASTING PROGRAMMES

For the COMING WEEK

Friday, August 19 2FC, SYDNEY

Farmer's Broadcasting Service.

Wave Length, 442 Metres.

EARLY MORNING SESSION.—7 to 8 a.m.
MORNING SESSION.

- 10 a.m.—"Big Ben" and announcements.
10.5 a.m.—Studio music.
10.16 a.m.—"Sydney Morning Herald" news service.
10.40 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.
11.16 a.m.—A talk on Home Cooking and Recipes by Miss Ruth Payne.
11.30 a.m.—Close down.

MIDDAY SESSION.

- 12 noon—"Big Ben" and announcements.
12.5 p.m.—Stock Exchange, first call.
12.5 p.m.—Official weather forecast, rainfall.
12.5 p.m.—Studio music.
12.10 p.m.—Summary of "Sydney Morning Herald" news service.
12.15 p.m.—Ready wireless news.
12.25 p.m.—Studio music.
12.40 p.m.—Marching music for school children.
12.45 p.m.—Doris Crossman, contralto:
"My Ships" (Barratt).
12.45 p.m.—THE OAK HALL INSTRUMENTAL TRIO (Leader, Mr. Horace Keate).
12.55 p.m.—Studio music.
1 p.m.—"Big Ben." Weather Intelligence.
1.3 p.m.—"Evening News" midday news service.
Producers Distributing Society's Record.

- 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.—Loris Crossman, contralto:
(a) "Friend" (Diction).
1.45 p.m.—Studio music.
1.50 a.m.—THE OAK HALL INSTRUMENTAL TRIO.
2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

- 3 p.m.—"Big Ben" and programme announcements.
3.5 p.m.—May Craven, mezzo:
"Oh! Heavens! Love Let" (Frisson).
3.9 p.m.—Studio music.
3.12 p.m.—Thekla Lansdowne, mezzo:
"Here Little Baccantini" (Anthony).
3.15 p.m.—A Reading.
3.30 p.m.—Marching music for school children.
3.40 p.m.—Frank Botham, baritone:
"Cecilia's Wedding Song" (Poniatowski).
3.45 p.m.—Gertrude Lambert, soprano.
3.50 p.m.—THE OAK HALL INSTRUMENTAL TRIO.
4 p.m.—Ellsen Moreau, soprano.
4.5 p.m.—THE OAK HALL INSTRUMENTAL TRIO.
4.15 p.m.—May Craven, mezzo:
"My Dreamland Rose" (Phillips).
4.16 p.m.—Studio music.

- 4.20 p.m.—Frank Botham, baritone:
"Border Ballad" (Coven).
4.25 p.m.—THE OAK HALL INSTRUMENTAL TRIO.
4.45 p.m.—Gertrude Lambert, soprano.
4.40 p.m.—Ellsen Moreau, soprano.
4.45 p.m.—Stock Exchange, third call.
4.17 p.m.—Thekla Lansdowne, mezzo:
"Dona Sumer" (Kveitling) (Coster).
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 Clunes of 2FC."
5.50 p.m.—"The Hello Man" talks in the children.
6.20 p.m.—Story time for the young folk.
6.40 p.m.—Dinner music.
7 p.m.—"Big Ben."
A Racing talk by the 2FC Commissioner.
7.10 p.m.—Daily's market reports (wheat, wheat and stocks).
7.18 p.m.—Fruit and vegetable markets.
7.20 p.m.—Weather and shipping news.
7.25 p.m.—"Evening News" late news service.

NIGHT SESSION.

- 7.45 p.m.—Programme announcements.
7.50 p.m.—Harry Cash, comedian:
"Blues Carnival."
8.05 p.m.—"Is it your Birthday?"
8 p.m.—"Big Ben."
THE LYCEUM THEATRE ORCHESTRA.
8.15 p.m.—"Do you know?" Series No. 5.
8.17 p.m.—Harry Cash, comedian: "Stories."
8.25 p.m.—THE LYCEUM THEATRE ORCHESTRA.
8.30 p.m.—Harry Cash, comedian:
"Back Home Again."
8.35 p.m.—Beuiton Gibb: A Talk on Personalities, No. 4: "Henry Irving."
8.45 p.m.—FROM "BALINOS" (CONCERT HALL): A Programme arranged for broadcasting:
Miss Dorothy Gibbs and Miss Bessie Coleman in a Two-Pianoforte Recital:
(a) "Gulliver's Calcuttaw" (Hedussy).
(b) "La Coquette" (Arensky).
(c) "Dance Macabre" (Saint Saens).
8.55 p.m.—Donald Mack, baritone:
(a) "Down Vauxhall Way" (Oliver).
(b) "A Dream" (Bartlett).
9.3 p.m.—Cyril Monk, violin solo:
"Suite upon popular Spanish Aires" (de Falla).
(Now in Meets at the Piano.)
9.12 p.m.—Allen Frowse, contralto:
"Song Cycle: "Dona Love Songs" (Clarke):
(a) "I will await thee."
(b) "My heart's desire."
(c) "The burning room."
9.20 p.m.—Dorothy Gibbs and Bessie Coleman in Two-Pianoforte Items:
(a) "Valse from Suite, Op. 17" (Rachmaninoff).
(b) "Tarantelle, Op. 17" (Rachmaninoff).
(c) "The Hawk."
9.30 p.m.—Donald Mack, baritone:
(a) "My Song to You" (Grant).
(b) "Dream Hour" (Brook).
9.37 p.m.—Cyril Monk, violin solo:
(a) "Chosen Time" (Howland).
(b) "Thimroseque" (Benjamin).
9.46 p.m.—Miss Nell De Mestre.
Pianoforte solo, "Elgigi" (Rachmaninoff).
9.50 p.m.—Alce Pruvre, contralto:
Further items from the Song Cycle:
"Desert Love Songs" (Ceningsly Clarke):
(a) "The Dove."
(b) "The Hawk."
(c) "Yellow Slippers."
9.50 p.m.—Dorothy Gibbs and Bessie Coleman, in Two-Pianoforte Items:
(a) "Le Reveur" Op. 23 (Arensky).
(b) "La Danseuse" (Arensky).
(c) "Touffillon" (Durault).
(d) "Fen Rustant" (Doveroni).
10.15 p.m.—FROM THE STUDIO:
Shirley Cooke, Songs at the Piano.
10.20 p.m.—THE LYCEUM THEATRE ORCHESTRA.
10.30 p.m.—Shirley Cooke: Songs at the Piano.
10.35 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of Mr. Cyril Kaye.
10.40 p.m.—Shirley Cooke: Songs at the Piano.
10.50 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA.
10.55 p.m.—Late news and announcements.
11 p.m.—"Big Ben."
THE WENTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of Mr. Sydney Simpson.
11.00 p.m.—National Anthem.
Close down.

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

- 2FC.—Farmer's Broadcasting Station, Ltd., Sydney, wavelength 442 metres, power 6000 watts.
2BL.—Broadcasters' Ltd., Sydney, wavelength 258 metres, power 2500 watts.
2CR.—Theosophical Broadcasting Station, Ltd., Sydney, wavelength 318 metres, power 3000 watts.
2CY.—Trades and Labor Council, Sydney, wavelength 280 metres, power 1500 watts.
2EW.—Otto Sandel, Sydney, wavelength 387 metres, power 500 watts.
2ML.—Mackler Bros., Bathurst, wavelength 275 metres, power 250 watts.
2NR.—Electricity Utilities Supply Co., Sydney, wavelength 292 metres, power 250 watts.
2NR.—Burgin Electric Co., Sydney, wavelength 316 metres, 150 watts.
2RL.—R. A. Daniels, Newcastle, wavelength 234 metres, 480 watts.

2BL, SYDNEY.

Broadcaster's Ltd.

Wave Length, 353 Metres.

Friday

EARLY MORNING SESSION.

7 a.m. to 8 a.m.

MORNING SESSION.

- 10.40 a.m.—G.P.O. clock and chimes.
Musical programme from the Studio.
10.45 a.m.—News from "Daily Telegraph Pictorial."
10.50 a.m.—Musical programme from the Studio.
11 a.m.—G.P.O. clock and chimes.
Announcements.

- 11.14 a.m.—Talk on "Basket Ball" by Miss Lewis Varley. Broadcasters' women's sports authority.
 Special notes. Replies to correspondents by Mrs. Jordan.
 Talk on "Feeding the Family" by Mrs. Jordan.
 11.30 a.m.—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.
 12.15 p.m.—Route we call by wireless.
 12.20 p.m.—Fruit market report.
 12.25 p.m.—Vegetable market report.
 12.30 p.m.—London special market report.
 12.35 p.m.—Dairy and farm produce market report.
 12.40 p.m.—G.P.O. clock and chimes.
 Foreign market report.
 12.50 p.m.—Fish market report.
 12.55 p.m.—Rabbit market report.
 12.58 p.m.—News from the "Sun."
 1.00 p.m.—Hilbert's Instrumental Quartet—direction, Cyril Carding.
 1.03 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

- Having information broadcast immediately after each race, by courtesy of the "Sun."
 3 p.m.—G.P.O. clock and chimes.
 News from the "Sun."
 3.15 p.m.—Civil Service Stores Trio. Direction, Miss de Courcy Bremer.
 3.40 p.m.—G.P.O. clock and chimes.
 News from the "Sun."
 3.45 p.m.—Country Women's Association—wits objects.
 3.50 p.m.—News from the "Sun."
 4 p.m.—G.P.O. Clock and chimes.
 Civil Service Stores Trio.
 4.15 p.m.—Serial story.
 4.35 p.m.—Musical programme from the Studio.
 4.55 p.m.—News from the "Sun."
 4.58 p.m.—Baking results.
 5.02 p.m.—Resume of night's programme.
 5.04 p.m.—Announcements and What's On
 5.10 p.m.—Special ocean forecast.
 5.15 p.m.—G.P.O. clock and chimes.
 Close down.

EARLY EVENING SESSION.

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

SPECIAL COUNTRY SESSION.

- 7 p.m.—G.P.O. clock and chimes.
 Australian Mercantile, Land and Finance Club's report.
 Weather report and forecast by courtesy of Government Meteorological.
 Producers' Distributing Society's fruit and vegetable market report.
 High Kaituma reports.
 Oat and Golden report ("Sun").
 Dairy produce report ("Sun").
 7.15 p.m.—Country news from the "Sun."
 7.20 p.m.—Talk on the N.R.M.A., by Mr. Gillingham.
 7.30 p.m.—Talk on "Gardening Science," by Mr. Cooper, Park Superintendent, City Council.
 8 p.m.—G.P.O. clock and chimes.
 Broadcasters' Tonal Chorus.
 8.3 p.m.—The Versaille Two in piano and masculine novellas.
 8.19 p.m.—The Lyons Vocal Trio.
 8.25 p.m.—Broadcasters' Light Orchestra, with the direction of Mr. J. Knight Breaux.
 8.35 p.m.—Miss Ellen Goodman, soprano.
 8.47 p.m.—Broadcasters' all-experts expert will talk on football.
 8.55 p.m.—Ms. Hugh Gannon, light comedies.

9 p.m.—G.P.O. clock and chimes.

- Weather report and forecast by courtesy of Mr. C. J. Merna, Government Meteorological.
 9.2 p.m.—Cec. Morrison and his Glomchancers broadcast from the Bondi Casino.
 9.32 p.m.—Dorothy Manning and Harry Graham in song and story.
 9.37 p.m.—Broadcasters' Light Orchestra.
 9.37 p.m.—Miss Ella Goodson.
 9.44 p.m.—The sporting editor of the "Sun" will talk on the prospects of Saturday's racing.
 10.4 p.m.—Cec. Morrison and his Glomchancers broadcast from the Bondi Casino.
 10.14 p.m.—The Lyons Vocal Trio.
 10.21 p.m.—Broadcasters' Light Orchestra.
 10.31 p.m.—Mr. Hugh Gannon.
 10.38 p.m.—Cec. Morrison and his Glomchancers broadcast from the Bondi Casino.
 10.46 p.m.—Announcements.
 10.53 p.m.—Cec. Morrison and his Glomchancers broadcast from the ballroom of the Bondi Casino.
 11 p.m.—G.P.O. clock and chimes.
 National Anthem.

2GB, SYDNEY

Theosophical Broadcasting Service.

Wave Length, 316 Metres.

Friday.

MORNING SESSION.

- 9 a.m.—Music.
 9.25 a.m.—"Christi" Talk.
 9.35 a.m.—Music.
 9.55 a.m.—Address.
 9.55 a.m.—Music.
 9.55 a.m.—Hearts and Diet.
 10 a.m.—Close down.

AFTERNOON SESSION.

- 3.50 p.m.—Music.
 3.57 p.m.—Address.
 4.05 p.m.—Music.
 4.15 p.m.—Address.
 4.22 p.m.—Music.
 4.30 p.m.—Close down.

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

- 21.0.—Broadcasting Company of Australia, Ltd., Melbourne, wavelength 371 metres, power 5000 watts.
 46.0.—Queensland Radio Service, Brisbane, wavelength 363 metres, power 5000 watts.
 47.1.—Central Broadcasters' Ltd., Adelaide, wavelength 363 metres, power 4000 watts.
 60W.—Western Farmers, Ltd, Perth, wavelength 1250 metres, power 6000 watts.
 72L.—Tasmanian Broadcasters, Ltd., Hobart, wavelength 235 metres, 3000 watts.
 14R.—Associated Radio Co., Ltd., Melbourne, wavelength 484 metres, power 1200 watts.
 50B.—Drainish Business and Technical College, Melbourne, wavelength 255 metres, power 900 watts.
 10Z.—O. J. Nilson & Co., Melbourne, wavelength 315 metres, power 140 watts.
 45R.—Gold Radio Electric Service, Townsville, Queensland, wavelength 294 metres, power 100 watts.
 51A.—Sport Radio's Broadcasting Station, Adelaide, wavelength 320 metres, power 1000 watts.
 60N.—S.S. Pty. Ltd., Adelaide, wavelength 313 metres, 100 watts.

EVENING SESSION.

- 1 p.m.—Music.
 1.25 p.m.—Address: R. N. Barnoff.
 1.30 p.m.—Music.
 2.30 p.m.—Address: F. Bassano, R.A.
 1.30 p.m.—Address: F. Bassano, R.A.
 1.55 p.m.—Lectures on the Evolution of the Bible. Cooperation: Mr. Walter Hunt.
 7.25 p.m.—Institutional Talk.
 DAN SCULLY, MIRELLE LANG, AITA BROOK.
 8.5 p.m.—Address by Professor Ernest Wood.
 9.05 p.m.—Songs by Mr. F. J. Todd.
 9.25 p.m.—An Half-Hour with the 2GB string Quartet: LLOYD DAVIES, MONICA ROYDIE, MIRELLE LANG, CHARLES HOLLY.
 9 p.m.—Address by the Rev. R. P. S. Hammond: "Moving Broken Men."
 9.15 p.m.—Institutional Talk: DAN SCULLY, MIRELLE LANG, AITA BROOK.
 9.20 p.m.—Musical Monitors: Mr. J. K. Powell.
 9.40 p.m.—Songs by Mr. F. J. Todd.
 9.50 p.m.—Talk.
 10 p.m.—Close down.

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 tables. "Argus" news service.
 12.30 p.m.—STUDIO ORCHESTRA: "La Sirena" (Anber).
 12.40 p.m.—LESLIE ELLIOTT, Comedian, "Waltz Me, Benjamin" (unpublished (L. Elliott)).
 "The Violet Seller" (M. Bruce).
 12.57 p.m.—Stock Exchange information.
 12.58 p.m.—HUGH HUGHAM SERENADES, in a "Musical" Musical Comedy, "CRISTINA (HUBER)".
 Art "Episodes of Yr. Olden Days".
 EDITH HUGHAM, HUGH HUGHAM, RUBY MELLAR, DOLLY BURDITT, LENA DEANE, JOHNNY MARKS, ERNO MEEGAN.
 12.59 p.m.—STUDIO ORCHESTRA: Suite, "Revin's Beans" (Brooks).
 1.5 p.m.—Meteorological information: Shipping and Fisheries. Weather forecasts for Victoria, Tasmania, South Australia, and New South Wales. Ocean forecast: River reports. Rainfall for all States.
 1.12 p.m.—HILWY BURCHALL, harpist: "Bird's Eye View" (Donaldson).
 "They Say" (Warwick Evans).
 1.18 p.m.—STUDIO ORCHESTRA: "Die Falschmied" (Schubert).
 "The MB on the Cliff" (Helmberg).
 1.20 p.m.—MUSICAL HALF HOUR, arranged by J. Sutton (Guest).
 EVELYN GADD: "La Danne d'Or" (Ricardo Pink Melodi).
 JESSIE CLARKE, vocalist: "When Clara Sleeps" (Gossini).
 "Robin Song" (Abe).
 MARGORIE STAMMER, violinist: "Aria" (Pergolesi).
 "Midnight Ball" (Reisberger-Kreiser).
 EVELYN GADD: "Menotti and Tri" (Schubert).
 JESSIE CLARKE: "The Wren" (Lina Lehmann).
 "Cuckoo" (Lina Lehmann).
 MARGORIE STAMMER: "Andantino" (Bisiani-Kreiser).
 "Angels Guard Thee" (Godard).
 2 p.m.—Close down.

No more dry batteries to buy !

Superb PHILCO Rechargeable "B" battery

makes dry batteries both out-of-date
and costly!

Instead of wasting money every few months
on CHEAP substitutes, which quickly run
down and must be thrown away, radio
users may now invest in a magnificent
rechargeable Philco ON EASY TERMS,
thus saving pounds in a year and insuring
perfect reception FOR ALL TIME.



World's Finest
"B" Battery

**Cuts Radio
Costs 50% !**

**Lasts for
Years !**

**Recharge
at home !**

**SPECIAL
OFFER !**

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while you pay for it. Small
periodical payments are
lower than the dry-battery
cost. Get your Philco now.

Full particulars without obligation from—

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280 Castlereagh Street,
Sydney

AFTERNOON SESSION.

- 8.15 p.m.—STUDIO ORCHESTRA: Suite, "Montezuma, Part 1" (Coleridge-Taylor).
- 10 p.m.—Description of CARNIVAL FOOTBALL MATCH, VICTORIA v. NEW SOUTH WALES, at M.C.G., by Mr. Rod McGeoghegan. Quarter-time.
- 10.30 p.m.—"All Fair!" Football Talk.
- 10.45 p.m.—Description of CARNIVAL FOOTBALL MATCH, VICTORIA v. NEW SOUTH WALES, at M.C.G., by Mr. Rod McGeoghegan. Half-time.
- 10.50 p.m.—STUDIO ORCHESTRA Suite, "Montezuma, Part 2" (Coleridge-Taylor).
- 11 p.m.—MILCOED AND CONNIE: Song with violin and piano "Sweetest of Fairs".
- 11.10 p.m.—Song with piano, "Here I Am".
- 11.15 p.m.—STUDIO ORCHESTRA: "Two Novelties" (Ansell).
- 11.25 p.m.—Description of CARNIVAL FOOTBALL MATCH, VICTORIA v. NEW SOUTH WALES, at M.C.G., by Mr. Rod McGeoghegan. Three-quarter time.
- 11.35 p.m.—SIGNOR FALMETTO: "To the Garden of My Heart".
- 11.40 p.m.—MRS. M. COLLINGS MAROOD: "The Art of Decoration".
- 11.45 p.m.—"Herald" news service. Sixty Exchange information.
- 11.50 p.m.—Description of CARNIVAL FOOTBALL MATCH, VICTORIA v. NEW SOUTH WALES, at M.C.G., by Mr. Rod McGeoghegan. Final scores.
- 11.55 p.m.—Close down.

EVENING SESSION.

- 8.20 p.m.—Answer to letters and birthday greetings by HILLY HONEY.
- 8.30 p.m.—HUXHAM'S SKENADERS: Quarter of an hour for the children.
- 8.35 p.m.—MISS G. FLOS GREIG, B.A. LL.B.: Petting and its Social Temple.
- 8.40 p.m.—Official report of Newmarket stock sales. Numbers of trucks ordered for following week's sale, supplied by Live Stock Agents' Association, Oxford Chambers, Bourke-street, Melbourne.
- 8.45 p.m.—"Herald" news service. Weather synopsis. Shipping movements.
- 8.47 p.m.—Stock Exchange information.
- 8.50 p.m.—Fish market reports by J. R. Barrett Ltd. Rabbit prices.
- 8.55 p.m.—River reports.
- 8.58 p.m.—Market reports of fruit by the Victorian Fruitlers' Association, compiled by the "Fruit World".

NIGHT SESSION.

- 7.15 p.m.—Under the auspices of the Agricultural Department, MISS KNIGHT, Fruit Preserving Expert, will speak on "Canning Citrus Fruits".
- 7.30 p.m.—STUDIO ORCHESTRA: "Sea Top" (Lynn).
- 7.40 p.m.—LESLIE ELLIOT, violinist: "Pachelbel Minuet" (L. Elliot).
- 7.45 p.m.—"Herald" news service and "Good-Bye" (Walter McColl).
- 7.51 p.m.—TARMA THOMPSON: "Spring Song" (Melbourne).
- 7.55 p.m.—MR. H. K. LEVIN: "Tobaccoes".
- 8.4 p.m.—COLLINGSWOOD CITIZENS' BAND: Current Polka, "Bones of the Barn".
- 8.11 p.m.—CAPTAIN GUY MOORE: The Singing Artisan: "I Will Await Thee" (Gonsky Clarke). "The Hawk".
- 8.21 p.m.—STUDIO ORCHESTRA: "Paradise Symphony" (Hills Hapton).
- 8.31 p.m.—MR. C. H. WEBB: will speak on "The Five-Mile Cross-Country Championship of Victoria".
- 8.55 p.m.—COLLINGSWOOD CITIZENS' BAND: Boyan-Burn Duet, "Te-Larla". Messrs. C. Quinn and H. Keaton.

- 8.45 p.m.—Elsie Davies, soprano: "Ma Picciolla".
- Waltz song, "Maid of the Mountains" (Gomes).
- 8.52 p.m.—STUDIO ORCHESTRA: "Slow movement—Symphony No. 5" (Liszt).
- 9.2 p.m.—SIGNOR FALMETTO: "Lobengrin" (Narrative from the Opera "Lobengrin" (Wagner)).
- 9.3 p.m.—COLLINGSWOOD CITIZENS' BAND: Fantasia, "Poona Fancies".
- 9.34 p.m.—MILCOED AND CONNIE: Song with piano and Violin, "Don't do a That" (Lynn).
- Song with piano, "Then you'll remember me".
- Song with accordion, "Oh Antonio".
- 9.53 p.m.—"LARDIGAN"—Mr. N. A. White, (Sporting Editor of the "Argo" and the "Australasian"), will speak on Saturday's races.
- 9.55 p.m.—ELSIE DAVIES, soprano: "Mi Thannoun Mini" (Puccini). "The Spanish Boy".
- 9.58 p.m.—STUDIO ORCHESTRA: "Lilac Tree Valse" (Schubert).
- 10.15 p.m.—MR. C. J. WILLIAMS will speak on "Saturday's Stadium Races".
- 10.25 p.m.—COLLINGSWOOD CITIZENS' BAND: "Cock March, "Silver Trappings".
- 10.3 p.m.—CAPT. GUY MOORE: "Mary of Alameda" (Holk). "Have you seen but a white fly gone" (Holk).
- 10.9 p.m.—Mr. A. W. JACKSON will speak on "Amateur Championship of Victoria Golf" (Comments on the day's play).
- 10.19 p.m.—STUDIO ORCHESTRA: "Ballad music from Faust" (Gounod).
- 10.30 p.m.—HUXHAM'S SKENADERS: "In a Merry Musical National Novelty," "A TRIP ON THE 'S.S. WHAT IT IS,'" "Dolly Bushan, Hugh Bushan, Rena Millar, Jolly Budest, Louie Dean, Johny Marko, Edna Melton.
- 10.46 p.m.—"Argo" news service. Meteorological information. Road Notes supplied by the Royal Australian Club of Victoria. British Official Wireless news. Announcements.
- ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for Today is for—

MOTORIST:—"Do you run a motor car on a movable road-house? Do you fear along so fast, that you can't open your mouth without having your teeth bent inward? Adopt Safety First Principles.

11 p.m.—OUR GREAT THOUGHT: "When we see our enemies and friends alike away before us, let us not forget that we are united in the general law of mortality, and shall soon be where our doom will be read.—Johnes.

11.1 p.m.—COLLINGSWOOD CITIZENS' BAND: Grand Concert Overture—An Epic Symphony—this is one of the best pieces chosen for the Grand Challenge Contest between Oxford and Brunswick Bands. This was written by Mr. Percy Fletcher for the Crystal Palace Contest, 1926.

11.15 p.m.—JOE ABRONSON AND HIS SYMPHONY: "OPINATING SYMPHONIES".

11.40 p.m.—GOD GAVE THE KING.

MATINEE SESSION.

- 3.30 p.m.—STUDIO ORCHESTRA: Overture, "Hosanna" (Thomas).
- 3.40 p.m.—STUDIO ORCHESTRA: 2 p.m.—Mr. Ernest Fettes, Director: "And Movement of Christ's Concerto" (Wolff).
- 3.45 p.m.—STUDIO ORCHESTRA: "Milk" (The Christmas Tree" (Hollins).
- 3.50 p.m.—Miss Dorel Brooker, alto: "Because Da Veit Soldat Album" (Chambers).
- 3.55 p.m.—Soprano, "Danzon".
- 4.00 p.m.—Mr. Thomas Francis, tenor: "Ah, what is my dream" (Lohmann). "The Dream" (Hapton).
- 4.05 p.m.—Mr. Herbert Postifer, violin: "Nocturne" from Suite (Liszt).
- 4.10 p.m.—"Diana".
- 4.15 p.m.—"A.P.O. clock song, "Fare".
- 4.20 p.m.—"A.P.O. clock song, "Fare".
- 4.25 p.m.—"A.P.O. clock song, "Fare".
- 4.30 p.m.—"A.P.O. clock song, "Fare".
- 4.35 p.m.—"A.P.O. clock song, "Fare".
- 4.40 p.m.—"A.P.O. clock song, "Fare".
- 4.45 p.m.—"A.P.O. clock song, "Fare".
- 4.50 p.m.—"A.P.O. clock song, "Fare".
- 4.55 p.m.—"A.P.O. clock song, "Fare".
- 5.00 p.m.—"A.P.O. clock song, "Fare".

CHILDREN'S SESSION.

- 6.30 p.m.—"The Fairway First."
- EVENING SESSION: "A GOLD SCOTCH NIGHT".
- 7.30 p.m.—Mr. George Bostle (Principal of the United College of Musical Culture), "The Royal Salute".
- 7.45 p.m.—"The Royal Salute" (Special review and list, by our first expert, "Field House").
- 7.50 p.m.—Market reports.
- 7.55 p.m.—"A.P.O. clock song, "Fare".
- 8.0 p.m.—"A.P.O. clock song, "Fare".
- 8.05 p.m.—"A.P.O. clock song, "Fare".
- 8.10 p.m.—"A.P.O. clock song, "Fare".
- 8.15 p.m.—"A.P.O. clock song, "Fare".
- 8.20 p.m.—"A.P.O. clock song, "Fare".
- 8.25 p.m.—"A.P.O. clock song, "Fare".
- 8.30 p.m.—"A.P.O. clock song, "Fare".
- 8.35 p.m.—"A.P.O. clock song, "Fare".
- 8.40 p.m.—"A.P.O. clock song, "Fare".
- 8.45 p.m.—"A.P.O. clock song, "Fare".
- 8.50 p.m.—"A.P.O. clock song, "Fare".
- 8.55 p.m.—"A.P.O. clock song, "Fare".
- 9.00 p.m.—"A.P.O. clock song, "Fare".
- 9.05 p.m.—"A.P.O. clock song, "Fare".
- 9.10 p.m.—"A.P.O. clock song, "Fare".
- 9.15 p.m.—"A.P.O. clock song, "Fare".
- 9.20 p.m.—"A.P.O. clock song, "Fare".
- 9.25 p.m.—"A.P.O. clock song, "Fare".
- 9.30 p.m.—"A.P.O. clock song, "Fare".
- 9.35 p.m.—"A.P.O. clock song, "Fare".
- 9.40 p.m.—"A.P.O. clock song, "Fare".
- 9.45 p.m.—"A.P.O. clock song, "Fare".
- 9.50 p.m.—"A.P.O. clock song, "Fare".
- 9.55 p.m.—"A.P.O. clock song, "Fare".
- 10.00 p.m.—"A.P.O. clock song, "Fare".

3AR, MELBOURNE

Associated Radio Co. Wave Length, 485 Metres.

- Friday
- MORNING NEWS SESSION. It will be in such a way.
- MIDDAY CONCERT SESSION. Transmitted from Fanfaron House, 400 Collins Street, by courtesy permission of Mills and Paton. Ltd., on the Brunswick Peninsula.
- 1 p.m.—Close down.

The PCJJ Model

Made in the same factory that built and maintains Radio Station PCJJ which first relayed London Broadcast Programmes to the world and enabled Royalty to speak to the four corners of the globe.



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£6/10/-

Aristocrat of Loud Speakers

INCORPORATING many original features in the field of radio reproduction—this new Philips Speaker is exclusive, like an old-world aristocrat.

Acoustically and mechanically perfect, with a new beauty of line and finish, it forms an ensemble without peer—a fitting companion for the world's finest radio receiver.

The motor mechanism is provided with a triple tapping so that the output impedance of the amplifier and that of the Speaker can be critically matched, by a simple method, to give the best in tone and volume.

A patented balanced Magnet system actuates a full floating cone of improved acoustic properties, giving flawless reproduction throughout a greatly increased tone range.

The whole mechanism is fully protected by a housing of pleasing design, with a choice of several striking colours.

No adjustment is necessary—there is nothing to get out of order—and the apparatus is guaranteed by Philips as long as the seals remain unbroken.



Philips "A" Battery Charger,
Type 450, £5/5/-



Philips "B" Battery Eliminator,
Type 072, £9/15/-

PHILIPS

- 8.47 p.m.—Mr. W. H. McLennan, Scottish Entertainer:
Scottish Characteristics, introducing, "See ye Min, O Lang, Lang Hys" (Laird).
8.55 p.m.—Mr. Ernest Segr, Baritone:
"Bunny Bedlam" (Anon.).
10.0 p.m.—L.P.O. Clock says "Ten."
10.1 p.m.—Dance: "Hos, Legas" (Ballroom Orchestra, Direction, Mr. Harry Naigie).
10.59 p.m.—"Age" News Bulletin (exclusive in 2AK).
10.55 p.m.—To-morrow's Entertainment.
10.58 p.m.—Weather Forecast.
10.59 p.m.—Our Australian Good-Night:
"There is grass for spurs, and the stock are fat,
Where they whinze are zeant and thin,
And we owe a thibe to the travelling poor,
So we mean ak him in."
(From the poem, "Sage's Chant" in the "Book") (A. B. Paterson).
11.0 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.

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

FROM THE OBSERVATORY.

1.55 p.m.—Standard time signal.
2 p.m.—Close down.

AFTERNOON SESSION.

FROM HOTEL CARLTON.

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

FROM THE STUDIO.

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

EARLY EVENING SESSION.

8 p.m.—"Daily Standard" news, weather information, announcements.
8.45 p.m.—Bedtime stories by "The Headman."
9.15 p.m.—Special news service; market reports; stock reports.
9.50 p.m.—Weather news; announcements.
10.15 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 Advisor, 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 tutor (Mr. Sampson) will lecture during the first portion of each evening, and chamber music will be played after each lecture.

FROM THE RECEPTION HALL.

7.45 p.m.—W.E.A. Music Class.
The following artists will illustrate Mr. Sampson's lecture: "Victor"—Plano; Mrs. Stuart; first violin, Miss Edith Stuart; second violin, Miss Erica Stuart; violon, Miss Marjory Stuart.

THOUSAND VIOLINS.

FROM THE EXHIBITION HALL.—
8.15 p.m.—A Selection by the Orchestra of 1936 violins arranged and organized by Mr. L. A. Fava.

STUDIO PROGRAMME.

- 8.45 p.m.—Orchestra, "The Majestic March" (Crosby), the Gaiety Theatre Orchestra; contralto solo, "I Hear 'em Go Go" (Wood).
Miss Laura Leach, Hawaiian Instruments.—Bata, the 4QG Hawaiians; one-step, "When the Lilies Bloom" (Cobb); the Gaiety Theatre Orchestra, contralto solo, "I Love You Truly" (Wood); Miss Laura Leach; march, "The Southlanders" (Liljebus); the Gaiety Theatre Orchestra.
9.15 p.m.—NEWSPAPER DANCE.
FROM THE FRANCHISE HALL, NEW-MARKET.—
10 p.m.—Dance music.
FROM THE STUDIO.
10.30 p.m.—Football news; weather news.
11 p.m.—Close down.

5CL, ADELAIDE

Central Broadcasters, Ltd.,
Wave Length, 305 Metres.

Friday

MORNING SESSION.

12 noon.—Chimes.
12.1 p.m.—Studio music.
12.15 p.m.—"Advertiser" news service and Market reports.
1.25 p.m.—Studio music.
1.45 p.m.—Community Singing from the Adelaide Town Hall.
2 p.m.—Chimes and close down.

AFTERNOON SESSION.

3 p.m.—Chimes.
3.1 p.m.—Relay from the Maple Leaf Cafe—Orchestra selections.
3.45 p.m.—From the studio. Talk on Drawing Competition by Mr. Chimes.
4 p.m.—Chimes.
4.1 p.m.—Relay from the Arcade Cafe—Orchestra selections.
4.55 p.m.—Matinee announcements.
5 p.m.—Chimes and close down.

EVENING SESSION.

6 p.m.—Chimes.
6.1 p.m.—Relay from the Crown Garden Restaurant—Orchestra selections.
6.30 p.m.—Bedtime stories by Annetty Fox and Uncle Mike.
8.14 p.m.—Burning time of the Post West Express.
8.45 p.m.—Bedtime stories continued.
9.25 p.m.—Market reports, Stock Exchange Intelligence, Retail Grocer's report, Automobile Association Bulletin, Dairy Fish Market reports.
9.55 p.m.—Sporting talk by "Windbag."
10.40 p.m.—Football talk by "Highmark."
8 p.m.—Chimes.

OPERATIC NIGHT.

8.1 p.m.—Studio Orchestra.
8.13 p.m.—Marcell Berardi and Signor Bigattieri, duo.
8.15 p.m.—Studio Orchestra.
8.25 p.m.—Marcell Berardi, soprano.
8.30 p.m.—Studio Orchestra.
8.42 p.m.—Signor Bigattieri, tenor.
8.45 p.m.—Studio Orchestra.
9.1 p.m.—Offical wheat report.
9.2 p.m.—Dalgety's wheat report.
9.8 p.m.—Studio Orchestra.
9.15 p.m.—Under the Auspices of the S. A. Agricultural Society, Mr. A. H. Collington, Wood Instructor, of the School of Mines, will speak.
9.20 p.m.—Studio Orchestra.
9.42 p.m.—Marcell Berardi.
9.45 p.m.—Studio Orchestra.
9.55 p.m.—Signor Bigattieri, tenor.
10 p.m.—"Advertiser" news service, Wireless shipping and Windbag's Sporting Service.
10.15 p.m.—Studio Orchestra.
10.21 p.m.—Malcolm Jones, baritone.
10.25 p.m.—Studio Orchestra.
10.40 p.m.—Vincent McHenry, tenor.
10.48 p.m.—Studio Orchestra.
10.53 p.m.—Malcolm Jones, baritone.
10.55 p.m.—Studio Orchestra.
11 p.m.—Vincent McHenry, tenor.
Tomorrow's programme, station announcements, weather Bulletin, and National Anthem.

6WF, PERTH

Westralian Farmer's.
Wave Length, 1250 Metres.

Friday.

- 12.30 p.m.—Tune in.
12.35 p.m.—Local News Bulletin, by arrangement with "The West Australian" Newspaper Co.
Market reports of The Westralian Farmer, Limited.
Overseas News, by arrangement with 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.
2.30 p.m.—Tune in.
2.35 p.m.—Musical programme, including Organ selections, relayed from the Grand Theatre, Murray Street.
4.30 p.m.—Close down.
4.45 p.m.—Tune in.
6.40 p.m.—Musical evening for the kiddies by Annie Marjorie and Uncle Henry, Leslie Perry, Rag and Duff.
7.25 p.m.—Stock and share intelligence by courtesy of Messrs. Saw and Grimmond, Limited.
Market Reports of The Westralian Farmer, Limited, and Producer's Markets, Limited.
First Local News Bulletin, by courtesy of "The West Australian" Newspaper Co.
Overseas News, by arrangement with the Australian Press Association.
Late News Items, by arrangement with "The Daily News," Newspaper Co.
Ships within range announcement.
7.45 p.m.—Stock and share intelligence by courtesy of the "Truth."
8 p.m.—Time signal from Perth Observatory.
8.1 p.m.—Weather notes, supplied by the Meteorological Bureau of Western Australia.

POPULAR NIGHT.

- 8.3 p.m.—Musical programme, including Items by THE MADRIGAL SINGERS:
Miss Ewen Day, soprano.
Mr. A. C. Fisher, tenor.
Miss Zoe Lengua, contralto.
Mr. Lindsay Dodd, baritone.
9 p.m.—Talk, "Gardening Notes," by Mr. E. A. Hughes, representing Messrs. Dawson and Harrison.
10 p.m.—Late News items, by courtesy of "The Daily News" Newspaper Co.
Ships within range announcement.
Weather Report and Forecast.
10.30 p.m.—Close down.

7ZL, HOBART

Tasmanian Broadcasters, Ltd.

Friday.

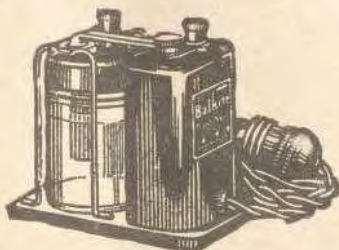
MORNING SESSION.

- 11 a.m. to 12 noon.
AFTERNOON SESSION.
3 p.m.—G.P.O. Clock Chimes.
3.1 p.m.—Time signal.
3.4 p.m.—Hobart Stock Exchange quotations.
Weather information, items of interest, Announcements.
3.5 p.m.—Orchestra selections by 2ZL Orchestra.
4.15 p.m.—Bridge Instruction: Lesson 7.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

- 4.30 p.m.—Children's Corner with the "Buddi Lady."
7.15 p.m.—Young Folks Gardening Chat, by Mr. George Nason.

Known Throughout
the World.



£4/7/6

Trickle Charging began with Balkite and Balkite still leads in popularity, service and number in use

Trickle charging, now the most convenient and most popular of all means of charging your radio "A" battery, was not possible until the development of the Balkite Trickle Charger. For Balkite was the first charger that could be connected permanently to your "A" battery and the light socket. It was the first charger that kept the battery always fully charged. And Balkite was the first charger that converted your battery into a complete power unit supplying "A" current from the light socket.

To-day there are over 400,000 Balkite Trickle Chargers in use. Just as it was first in making trickle charging possible, Balkite has always been first in popularity and number in use. Balkite is the standard trickle charger, tried and proved by use in the hands of its thousands of owners.

Like all Balkite Radio Power Units, this charger is a permanent

piece of equipment. It has no tubes and nothing to replace or renew. It is noiseless in operation and can usually be used during reception. It is very compact and small, and its current consumption is very low.

The Balkite Trickle Charger can be used as a trickle charger with any 6-volt radio "A" battery. Thus used it keeps your battery always at full power and in effect converts it into a light socket "A" power supply. With 4-volt batteries it can be used as an intermittent charger of the usual type. Or as a trickle charger if a resistance is added. Charging rate is approximately 1 ampere.

Add a Balkite Trickle Charger to your "A" battery. Know the convenience of permanent silent "A" power from the light socket always.

Balkite Trickle Charger. Over 400,000 in use. Charging Rate about 1/2 ampere. As a Trickle Charger automatically keeps your "A" Battery fully charged.

Price £4/7/6
Balkite "B" eliminates "B" Batteries entirely, and supplies silent permanent "B" Current from the light socket. Over 150,000 in use.

MODEL W for up to 5 valves .. £11/10/-
MODEL X for larger sets £16/15/-

The right to the use of Tantalum in Rectifiers is the exclusive property of the Fansteel Products Company Inc., under their Australian Patent No. 12288/24.

OBTAINABLE
ALL DEALERS

FANSTEEL Balkite Radio Power Units

OBTAINABLE
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BALKITE BATTERY CHARGER
BALKITE "B" Plate Current Supply.

(Wholesale only) D. H. O'BRIEN (Sydney), 39 Pitt St., SYDNEY; 516 Collins St., MELBOURNE
W. E. PETERMAN, 120 Edward St., BRISBANE

NIGHT SESSION.

- 7.20 p.m.—Fruit, Fidelity and Produce reports through the courtesy of Roberts & Co., Ltd., Murray Street, Hobart.
- 7.45 p.m.—Gardening Talk by Mr. George Naikie, Glen Karvelon, Colac.
- 7.50 p.m.—"Mercury" Special Tasmanian News service. Railway Arrivals Produce sales. Hobart Stock Exchange quotations. Sports Budget, supplied by Mr. H. W. Rowland, of Hobart Sports Depot, Collins Street, Hobart.
- 8 p.m.—G.P.O. Clock Chimes.
- 8.1 p.m.—Orchestral selections by 72L Studio Orchestra, interspersed with items from the studio by the following artists:—Miss Dulcie Tate (soprano). Mrs. Ken Dyer (soprano). Miss Mona MacGillivray (soprano). Mr. Charles Foster (baritone). Mr. F. Tegan (baritone). Mr. George Hoob (soprano). Mr. Victor Pharoah (Baritone solo). Miss Betty Price (pianist).
- 8.20 p.m.—Disc on "Saturday's Football, by "Sawney" Marsh.
- 8.40 p.m.—British Official Wireless news.
- 8.50 p.m.—"Mercury" Special Information News service. Ship arrivals. "Big Ben" news. Tasmanian District Weather reports. Weather forecasts. Studio announcements. "Mercury" Week-end information. National Anthem.

Saturday, Aug. 20 2FC, SYDNEY

EARLY MORNING SESSION.—7 to 9 a.m.

MORNING SESSION.

- 7.0 a.m.—"Big Ben" and announcements.
- 7.10 a.m.—Studio music.
- 7.15 a.m.—"Sydney Morning Herald" news service.
- 7.30 a.m.—Studio music.
- 7.40 a.m.—Talk by the 2FC Racing Commentator.
- 7.45 a.m.—Studio music.
- 7.50 a.m.—A.P.A. and Buster's Cable Review.
- 7.55 a.m.—Studio music.
- 8.0 a.m.—Talk on Gardening by Mr. G. J. Leckler ("Redgum").
- 8.10 a.m.—Close down.

MIDDAY AND AFTERNOON SESSION.

- 12 noon—"Big Ben" and announcements.
- 12.10 p.m.—Stock Exchange, first call.
- 12.20 p.m.—Studio music.
- 12.30 p.m.—"Sydney Morning Herald" news service.
- Rugby Wireless News.
- 12.35 p.m.—Studio music.
- NOTE: Events of the Rowhill Racing Club's Meeting will be described in detail by the 2FC Racing Commentator.
- 1 p.m.—"Big Ben" and intelligence.
- 1.05 p.m.—"Rising News" midday news service.
- 1.10 p.m.—Studio music.
- During the intervals of racing, Kevin Galbraith, Novelty Pianist, will play from the Studio.
- THE WENTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of Mr. Cyril Kaye, will be heard at intervals between 8.20 and 8 p.m.
- 4.00 p.m.—Complete resume of the day's sporting events.
- 8 p.m.—"Big Ben." Close down.

NIGHT SESSION.

- 7.40 p.m.—Programme announcements.
- 7.50 p.m.—Win and Winds, English retellings.

7.45 p.m.—"Is it your Birthday?"

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

- Items from the Grand Opera Concert.
- 8.15 p.m.—FROM THE STUDIO:
- 8.20 p.m.—"The Cowboy" (Pittman).
- (a) "Cradles" (Monte).
- (b) "Kentucky Home" (Patterson).
- (c) "Because I Love You" (Hertig).
- (d) "The Cowboy" (Pittman).
- 8.25 p.m.—Selwyn Seymour, English recitations.
- 8.30 p.m.—FROM THE CONSERVATORIUM HALL, SYDNEY:
- Grand Opera Excerpts.
- 8.40 p.m.—FROM THE STUDIO:
- Win and Winds, English retellings.
- 8.45 p.m.—"Big Ben."
- FROM THE CONSERVATORIUM HALL, SYDNEY:
- Grand Opera Items.
- 8.50 p.m.—FROM THE STUDIO:
- Mr. W. F. Kaye.
- 8.55 p.m.—"Taurus Degrass Play."
- 9.0 p.m.—FROM THE CONSERVATORIUM HALL, SYDNEY:
- Further Grand Opera excerpts.
- 9.05 p.m.—FROM THE STUDIO:
- Sam Rens, comedian.
- 9.10 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of Mr. Cyril Kaye.
- 9.20 p.m.—Win and Winds, English retellings.
- 9.25 p.m.—FROM THE CONSERVATORIUM HALL, SYDNEY:
- Items from the Grand Opera Concert.
- 9.30 p.m.—FROM THE STUDIO:
- 8.00 p.m.—"The WENTWORTH SYMPHONIC DANCE ORCHESTRA, conducted by Cyril Kaye.
- 9.35 p.m.—Sam Rens, comedian.
- 9.40 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA.
- 9.45 p.m.—Programme announcements.
- 9.50 p.m.—"Big Ben."
- 9.55 p.m.—THE WENTWORTH SYMPHONIC DANCE ORCHESTRA.
- 10.00 p.m.—National Anthem.
- Close down.

2BL, SYDNEY

Saturday.

EARLY MORNING SESSION.

7.0 a.m. to 8.0 a.m.

MORNING SESSION.

- 7.0 a.m.—G.P.O. Clock and Chimes; Musical Programmes from the Studio.
- 7.15 a.m.—Social Notes by Mrs. Jordan, Talk on "Simple Cooking for Children," by Mrs. Jordan.

AFTERNOON SESSION.

- 11.0 noon.—G.P.O. Clock and Chimes; Musical Programmes from the Studio.
- 11.15 a.m.—Social Notes by Mrs. Jordan, Talk on "Simple Cooking for Children," by Mrs. Jordan.
- 11.0 noon.—G.P.O. Clock and Chimes; Musical Programmes from the Studio.
- 11.15 a.m.—Social Notes by Mrs. Jordan, Talk on "Simple Cooking for Children," by Mrs. Jordan.
- 11.0 noon.—G.P.O. Clock and Chimes; Musical Programmes from the Studio.
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- 11.0 noon.—G.P.O. Clock and Chimes; Musical Programmes from the Studio.
- 11.15 a.m.—Social Notes by Mrs. Jordan, Talk on "Simple Cooking for Children," by Mrs. Jordan.
- 11.0 noon.—G.P.O. Clock and Chimes; Musical Programmes from the Studio.
- 11.15 a.m.—Social Notes by Mrs. Jordan, Talk on "Simple Cooking for Children," by Mrs. Jordan.

- 2.50 p.m.—G.P.O. Clock and Chimes; News from the "Sun." During the afternoon (studio) information will be broadcast by courtesy of the "Sun," interspersed with Musical Items and Broadcasting of Football Results.
- 3.5 p.m.—G.P.O. Clock and Chimes; Racing Results.
- 4.5 p.m.—Close Down.

EARLY EVENING SESSION.

- 8.00 p.m.—G.P.O. Clock and Chimes; Uelva Studio and the Kiddies.
- 8.05 p.m.—Musical Programmes from the Studio.
- 8.15 p.m.—Results of All Sporting Information, including Racing, Bowls, Tennis, Athletics, by courtesy of the "Sun."
- 8.30 a.m.—Country News from the "Sun."
- 8.40 p.m.—G.P.O. Clock and Chimes; Broadcaster's Special Opera.
- 8.5 p.m.—Sporting Programme, with Musical Items from the Studio by the Following Artists: Miss Mail Folandunahua (Dancer), Mrs. H. M. Herring (Comedian), Mr. Hal Carter (Baritone), Brookstetter's Trio.
- 9.15 p.m.—The Ambassadors Dance Orchestra Broadcast from the Ballroom of the Ambassadors. During intervals between broadcast "Sun" News will be broadcast.
- 10.00 midnight.—G.P.O. Clock and Chimes; National Anthem.

3LO, MELBOURNE.

Saturday

MORNING SESSION.

- 11 a.m.—ST. AUGUSTINE'S BAND:
- Selection, "The Girl in the Taxi" (Gibbert).
- 11.10 a.m.—LESLIE KILLOUT, Comedian:
- "Mamma's New Young" (Wheaton and Lee).
- "I Might Learn to Love Her Later On" (Wheaton and Lee).
- 11.17 a.m.—MILDRED AND CONNIE:
- Song with violin, "Walking for the Rain-Boog." "Olive, Please" (Academy Medley).
- 11.21 a.m.—ST. AUGUSTINE'S BAND:
- March, "Through Dells and Dens" (Urbank), Overture, "Marina" (Fletch).
- 11.27 a.m.—SID HURTHALL, Harpist:
- "Song of the Wanderer" (Meyer).
- "I Don't Am" (Henderson).
- 11.44 a.m.—ST. AUGUSTINE'S BAND:
- Descriptive Fantasia, "The Young Recruit" (Giblet).
- 11.50 a.m.—Signor PALMETTO, Lenoir:
- "May Gene" (Lombardi).
- "In the Garden of My Heart"
- 11.55 noon.—Time Interval. Staff notes received by the Australian States and Mutual Association from the London Stock Exchange this day. British official wireless news from Rugby Reporter and The Australian Press Association cables. "Argus" news service.
- 12.30 p.m.—ST. AUGUSTINE'S BAND:
- Selection, "Prelude of Paganini" (Sullivan).
- 12.40 p.m.—ELITE DANCE ORCHESTRA:
- "Ayla from La Gioconda" (Foschelli).
- "That's All" (May Brab).
- 1.00 p.m.—"Big Ben" Exchange Information.
- 1.40 p.m.—BOGH LUXEMBURG AFFILIATED IN AN ENTERTAINING "MILKY MILK MIXTURE"
- Edith Heahan, Hugh Huggan, Renal Miller, Dolly Burdett, Lena Deane, Johnny Marks, Ethel Mellor.
- 1 p.m.—DECEPTION OF CARNIVAL FOOTBALL MATCH—TASMANIA. LOSERS of First Match from M.C.C. by Mr. H. J. Leckler.
- 1.10 p.m.—Meteorological information, shipping intelligence, Weather Forecast for Victoria, Tasmania, South Australia, and New South Wales. News from Victoria, Tasmania, South Australia, and New South Wales.

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1.11 p.m.—SIGNOR PALMETTO, Tenor.
1.15 p.m.—Solo.
"Cauld's Song."

MIDDAY SESSION

1.24 p.m.—ST. AUGUSTINE'S BAND.
Intermission. "In the Shadows" (Flank).
1.30 p.m.—Description of Annual Handicap.
W.C. FLEMINGTON, by "Musket," of "The Sporting Globe."
1.53 p.m.—Description of CARNIVAL FOOT-BALL MATCH—TASMANIA v. LOSERS of First Match, from M.C.G., by Mr. Rod McGeorge, Quarter-time.
1.55 p.m.—Description of Baseball—CARLTON v. NORTH MELBOURNE, at Carlton, by Mr. Percy Steel.
1.58 p.m.—H.D. BURKHELL, baritone.
"Here Lies a Vagabond."
"Bandstand."
2.00 p.m.—Description of CARNIVAL FOOT-BALL MATCH—TASMANIA v. LOSERS of First Match, from M.C.G., by Mr. Rod McGeorge.
2.05 p.m.—Description of Baseball Match, CARLTON v. NORTH MELBOURNE, at Carlton, by Mr. Percy Steel.
2.10 p.m.—Class of time.
2.25 p.m.—Description of Apprentices' Handicap, 2 miles, V.R.C. FLEMINGTON, by "Musket," of "The Sporting Globe."
2.30 p.m.—Description of CARNIVAL FOOT-BALL MATCH—TASMANIA v. LOSERS of First Match, from M.C.G., by Mr. Rod McGeorge, Three-quarter time.
2.40 p.m.—Final results of Annual Match.

AFTERNOON SESSION

2.45 p.m.—Description of August Handicap, 2 miles, V.R.C. RACKS, FLEMINGTON, by "Musket," of "The Sporting Globe."
2.50 p.m.—Description of CARNIVAL FOOT-BALL MATCH—TASMANIA v. LOSERS of First Match, from M.C.G., by Mr. Rod McGeorge.
2.55 p.m.—STUDIO ORCHESTRA.
"Indian Summer" (Lake).
3.00 p.m.—Description of CARNIVAL FOOT-BALL—SECOND MATCH—VICTORIA v. WINNERS of First Match, from M.C.G., by Mr. Rod McGeorge.
3.05 p.m.—STUDIO ORCHESTRA.
"The Chocolate Soldier."
3.10 p.m.—Description of CARNIVAL FOOT-BALL—SECOND MATCH—VICTORIA v. WINNERS of First Match, from M.C.G., by Mr. Rod McGeorge, Quarter Time.
3.15 p.m.—Description of Three-Year-Old Handicap, 1 mile, V.R.C. FLEMINGTON, by "Musket," of "The Sporting Globe."
3.20 p.m.—STUDIO ORCHESTRA.
Selection, "The Engineer" (Buckton).
3.25 p.m.—Description of CARNIVAL FOOT-BALL—SECOND MATCH—VICTORIA v. WINNERS of First Match, from M.C.G., by Mr. Rod McGeorge, Half Time.
3.30 p.m.—STUDIO ORCHESTRA.
Selection, "The Cabinet Girl."
3.35 p.m.—Description of August Handicap (Handicap), 2 miles, V.R.C. FLEMINGTON, by "Musket," of "The Sporting Globe."
3.40 p.m.—Description of CARNIVAL FOOT-BALL—SECOND MATCH—VICTORIA v. WINNERS of First Match, from M.C.G., by Mr. Rod McGeorge, Final result.
3.50 p.m.—Class of time.

EVENING SESSION

3.55 p.m.—Sporting results.
4.00 p.m.—Answers to Letters and Birthday Greetings, by LITTLE MISS KOOKABURRA.
4.05 p.m.—STUDIO ORCHESTRA.
"Baby's Opera" (Singer).
4.10 p.m.—MISS M. SHEPPHERD has some very strange tales to tell the children.
4.15 p.m.—"Herald" news service. Weather reports, shipping movements.
4.20 p.m.—Stock Exchange reports.

4.25 p.m.—Fish Market reports by J. R. Burdett, Ltd. Rabbit prices.
4.30 p.m.—River reports.
4.35 p.m.—Market reports. Official report of Newmarket Sheep sales, by the Associated Stock and Station Agents, Bourke Street, Melbourne.
4.40 p.m.—Grain, Hay, Straw, Juice, Dairy Produce, Potatoes and Oatmeal.
4.45 p.m.—Market reports of Fruit by the Victorian Fruitgrowers' Association, compiled by "The Fruit World."

NIGHT SESSION

7.15 p.m.—MISS G. FLOS GREGG, R.A., L.L.B., will speak on—
"The Religion of Islam in Southern Asia."
7.30 p.m.—MR. FRED CHAPMAN will speak on—
"How tiny shells help in the discovery of oil fields."
7.45 p.m.—MAJOR H. TURNER SHAW, O.I.E., will speak on—
"Aero Clubs in relation to Aviation."
8.00 p.m.—STEVEN'S SILVER BAND (Lovers).
8.05 p.m.—"The Victor's Best" (Rimmer).
Cornet Solo, "The Lost Chord" (Sullivan).
8.10 p.m.—LESLIE ELLIOTT, Comedian.
"It's a Good Thing You Can't Fly" (H. Stone).
"Stockings on the line."
8.15 p.m.—STEVEN'S SILVER BAND.
Solo, "Spring Blossoms" (Lovers).
8.20 p.m.—MELBOURNE CHORAL UNION.
Irish Air, "The Minstrel Boy." "The Hero that Once," arr. by Pittman; "Love" (Hrings).

8.25 p.m.—STEVEN'S SILVER BAND.
Song, "Drink to Me Only."
March, "Parchisello" (Rimmer).

8.30 p.m.—HIE BURCHALL, (Hobsonist).
Song, "Rise, Kev! Salt!" (Hobsonist).
With Mother's "Melody on me" (Van Alstene).

8.42 p.m.—STEVEN'S SILVER BAND.
Operatic Selection.
8.50 p.m.—LESLIE ELLIOTT, Comedian.
Comedians.

9.0 p.m.—ONE-ACT PLAY, "The Difference" John George Louch Mews Helen Platter

9.10 p.m.—STEVEN'S SILVER BAND.
"The Favorites"

9.16 p.m.—MELBOURNE CHORAL UNION, Selected.

9.26 p.m.—To Central Africa with an "Adventure"

10.15 p.m.—HUGH HUXHAM'S SERENADE, in a 100-verse of humor and harmony, entitled, "EVERYBODY HAPPY," Edith Huxham, Rena Miller, Lena Beane, Hugh Huxham, Dolly Barrett, Johnny Marks.

10.25 p.m.—MR. A. W. JACKSON, amateur champion of Victoria—Golf—Comments on the day's play.

THE REAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for Today is for EVERYONE.

"Evening's selfishness is the price of tomorrow's trials, of the road most at home before taking a chance."

10.40 p.m.—Late Sporting results.
11.00 p.m.—OUR GREAT THOUGHT: "It is better to be a slave of the present age than a looker on at the best."
—Captain Donald McLean

11.05 p.m.—JOE ARONSON AND HIS SYZOPHANTIC SYMPHONISTS.
11.10 p.m.—God Save the King.

MATINEE SESSION.
ORCHESTRAL CONCERT.
2.30 p.m.—Studio Orchestra.
4.25 p.m.—"The Travels, meta-reports, "Night in May" (Hutch), by request.
"Vale" (Kenneth Russell), by request.
4.35 p.m.—Studio Orchestra.
4.40 p.m.—Mrs. Clara Pfeiffer, violinist.
"Sonne Pastorella" (Hutch).
4.45 p.m.—Studio Orchestra.
4.50 p.m.—Miss, Fruta Trindad, mezzo-soprano.
"The Maiden from the Wind on Earth" (Hutch).
"Robin Hood" (Old March) (by request).
4.55 p.m.—Studio Orchestra.
5.00 p.m.—Mr. James Scott, bass.
"The Merry Bergant Major" (Hutch).
"Jolly Harrier" (Aron).
4.40 p.m.—G.P.O. Clock says "Five."
4.45 p.m.—Announcements.
4.48 p.m.—Studio Orchestra.
4.50 p.m.—Mr. Ronald Kearney, violin.
"Chanson de nuit" (Kearney).
4.55 p.m.—Studio Orchestra.
4.58 p.m.—Mr. James Scott, bass.
"Old Clothes and Fine Clothes" (Shaw).
"After Nine" (MacFadyen).
4.59 p.m.—Studio Orchestra.
4.59 p.m.—Studio Orchestra.
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4.59 p.m.—Studio Orchestra.
4.59 p.m.—Studio Orchestra.

CHILDREN'S SOCIETY

6.10 p.m.—Cocky Mac's Entertainment.
EVENING SESSION.

SPECIAL BAND CONCERT.
7.10 p.m.—"Dinnerman's Garden," Special weekend talk by Mr. W. R. Warner (President of the Victoria Branch and Hamilton's Association of Victoria).

7.15 p.m.—Market reports. Notices.
Tonight's Sporting results.

8.10 p.m.—C.E. "The Star" "Field."
8.15 p.m.—Gaulthier District Band.
Selection, "Rose Marie" (Home).
8.20 p.m.—Miss Mary Lilley, Comedian.
"The Star" (Hogarty).
"The Star" (Hogarty).

8.25 p.m.—Gaulthier Band.
March, "The Twentieth Century" (Home).
Fox Trot, "In the Sun" (Young).

8.30 p.m.—Mr. R. Ross, Bush Entertainer.
Whistling Solo, "Oye, Oye, Blackbird" (Home).

"Musical Box" (Tennor).
8.35 p.m.—Gaulthier District Band.
Waltz, "The Mountain Bunk" (Hiramwood).

8.40 p.m.—Mr. Odlin Binks, Eccentricist.
"Dave's Complaint" (Gaulthier Band).

8.45 p.m.—Gaulthier District Band.
Intermission, "My Sylvia" (Hogarty).
8.50 p.m.—Mr. Andrew McMalon, Baritone.
"The Actor and the Song" (Dallas).
"Tangle Tangle" from "High Jinks".

8.55 p.m.—Gaulthier District Band.
Selection, "Merilena" (Wardner).

9.00 p.m.—Miss Mary Hillier, Contralto.
"Softly Sings My Love" (John Spanel).
"Good Morning, Brother Sammie" (Lohman).

9.05 p.m.—Gaulthier District Band.
Fox Trot, "Hans, the Old Acrobat" (Max) (Hogarty).

9.10 p.m.—Mr. H. Ross, Bush Entertainer.
"A Trip Through the Australian Bush" (Hogarty).
"The Star" (Hogarty).

9.15 p.m.—Gaulthier District Band.
Selection, "Mineral Melodius" (Hogarty).

9.20 p.m.—Mr. Odlin Binks, Mountaineer.
"God Save the King" (Hogarty) (Binks Band).

9.25 p.m.—Gaulthier District Band.
Fox Trot, "Thinking of You" (Donaldson).
March, "The Auld-Camp" (Home).

9.30 p.m.—G.P.O. Clock says "Ten."
9.35 p.m.—Dance Time. Longini's Ballroom Orchestra. (Director, Mr. Harry Nangles).
10.05 p.m.—Weather Forecast.

10.10 p.m.—An Australian Goodnight Thought.
"The choice is thine, and the world is wide; The path is lonely, I may not lead, and I may not guide— I urge thee only."
(From the poem, "Ambition and Art" (A. B. Paterson).

11.0 p.m.—G.P.O. Clock says "Eleven"; God save the King.

3AR, MELBOURNE

Saturday.

MORNING NEWS SESSION.
11 a.m. to 12 noon.

MIDDAY CONCERT SESSION.
12.1 p.m. to 1.1 p.m.

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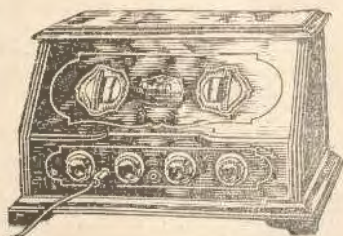
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4QG, BRISBANE.

Saturday.

NO MIDDAY TRANSMISSION.

AFTERNOON SESSION.

The empical service will be relayed from the Seventh Day Adventist Church at Buranda.

CHURCH SERVICES.

8.20 p.m.—Opening hymn, "Lead Thou Me On" (A.M.); Invocation; offertory and organ solo; Scripture reading, Psalm 26; hymn, "Weighed and Wanting" (Beiden); sermon, "Blessed's Supreme Gift"—wrestled, rec. Found" by Mr. W. Morris; solo, selected; hymn, "Cover with His Love" (Beiden).

EARLY EVENING SESSION.

8.15 p.m.—Lecture: "The French Foreign Legion"—by Comte de Tournouer.
8.30 p.m.—Bedtime stories by Uncle Ben.
7.15 p.m.—Hearing results.
7.25 p.m.—Today's football play described.
7.30 p.m.—Hearing notes by Mr. F. Smith.
7.45 p.m.—Lecturette: "Buck and Wile"—by Mr. F. W. Stevens.

NIGHT SESSION.

SPECIAL VIOLIN RECITAL.

The annual concert by the pupils of Mr. T. A. Pass, including his 1000 violins, will be relayed from the Basiliskton Hall.

FROM THE EXHIBITION HALL—

8 p.m.—(a) "Blowing on Other Strings" (b) "March from Tannhauser" (Wagner); 1000 violins Ensemble; violin solo, "Almeid" (Boethoven); Miss Hazel Kidd; address by Mr. M. Keirina (Under Secretary for Public Instruction); "La Cava" (Pavesi), 1009 Violins Ensemble; violin solo, "Kyan-wink" (Wieniawski); Master Eddy Hasey; violin solo, "Mendelssohn Concerto"—allegro, andante, allegretto, allegro solita staccato—Miss Maureen Wilson; piano solo, "Moonlight Sonata" (Beethoven); Miss Gertrude Anderson; songs—(a) "Cavatina" from "Faust" (Gounod); (b) "El Libro Santo" (Pizetti); (c) "Forester Song" from "Carmen" (Bizet); Tenor, Whidmir Ellis; violin solo, (a) "Rondino" (Vieuxtemps); (b) "Nocturne in D" (Chopin).

FROM THE STUDIO—

10 p.m.—"The Sentas Mail" news. Close down.

5CL, ADELAIDE.

Saturday.

MORNING SESSION.

11 a.m.—Chimes.
11.5 a.m.—Studio Music.
11.10 a.m.—"Advertiser" news service.
11.25 a.m.—Studio music.
11.55 a.m.—"Advertiser" news service.
12.35 a.m.—Studio music.
12 noon.—Chimes, station announcements and close down.

AFTERNOON SESSION.

1 p.m.—Relay from the Victoria Park Racecourse, starting description of the Grand National meeting, Running Description by Mr. Arnold Treloar. From the Studio B. Grade Football results and Interstate Sporting results.
1.15 p.m.—(Inter.) Final Score of S. A. and Victorian Football matches, and results of local and interstate racing.

EVENING SESSION.

6 p.m.—Chimes.
6.1 p.m.—Relay from the Covent Garden Restaurant—Orchestral selections.
6.45 p.m.—Bedtime stories by Uncle Ben and Uncle Jack.
7.25 p.m.—Market reports, sporting information, Automobile Association bulletins.
8 p.m.—Chimes.
STUDIO FLANDET, LAURENCE HAGGITT.

8.1 p.m.—Dino Ferardi tenor.
8.6 p.m.—Vera Cheney, Whistling Novelty.
8.13 p.m.—Dino Ferardi tenor.
8.21 p.m.—Planoforte solo, Lawrence Haggitt.
8.28 p.m.—The Rev. G. E. Hobb, B.A., will speak.
8.35 p.m.—Relay from Glenelg—The Masonic Dance Band.
9 p.m.—Official weather bulletin.
9.2 p.m.—Inaloty's wheat report.
9.3 p.m.—Relay from Glenelg—The Masonic Dance Band.
9.55 p.m.—From the Studio, Vera Cheney, Whistling Novelty.
9.55 p.m.—Mr. H. W. Durbin, basso.
9.40 p.m.—Relay from Glenelg The Masonic Dance Band.
10.15 p.m.—Sporting information and station announcements.
10.30 p.m.—Mr. H. W. Durbin, basso.
10.37 p.m.—Alison Newlin, soprano.
10.44 p.m.—Relay from Glenelg The Masonic Dance Band.
10.55 p.m.—Alison Newlin, soprano.
10.58 p.m.—Relay from Glenelg The Masonic Dance Band.
11.45 p.m.—Tomorrow's programme, station announcements, weather bulletin, National Anthem.

6WF, PERTH.

Saturday.

12 noon.—Tune in.
12.3 p.m.—Musical programme, including Planoforte selections by Miss Evelyn Willis. A.R.C.M.
12.47 p.m.—Local News Bulletin, by courtesy of The West Australian Newspaper Corp. Market Reports of The Westralian Farmers, Limited.
Dressina News, by arrangement with 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.
3.23 p.m.—Football scores. Results of the match played between Collingwood versus Western Australia.
3.30 p.m.—Close down.
6.45 p.m.—Tune in.
6.50 p.m.—Uncles Perry and Rag with the Radio Band.
7.15 p.m.—Sports results, by courtesy of "The Mirror" Newspaper Corp. Market Reports of The Westralian Farmers, Limited.
First Local News Bulletin, by courtesy of "The West Australian" Newspaper Corp. Overseas News, by arrangement with the Australian Press Association. Station with range announcement. Late News items, by courtesy of "The Daily News" newspaper Corp.
7.45 p.m.—Tune in.
8 p.m.—Time signal from Perth Observatory.
8.1 p.m.—Weather notes, supplied by the Meteorological Bureau of Western Australia.

CONCERT NIGHT.

8.5 p.m.—Musical programmes, including orchestral.
Dance music by W.F. Studio Jazz Orchestra, under the direction of Mr. Geo. Weber.
10 p.m.—Late News items, by courtesy of "The Daily News" Newspaper Corp. Station with range announcement. Weather Report and Forecast. Sports Results, by courtesy of "The Mirror" Newspaper Corp.
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.
3.1 p.m.—Musical items from the Studio.

8.30 p.m.—Broadcast by direct wave from the North Sydney. Daily Evening session, description of Southdaisy District Council's annual dinner, Tasmania's hotel industry by "The Star".
9.05 p.m.—Close down.

EARLY EVENING SESSION.

8.30 p.m.—"Doris Baker" Ballads.
7 p.m.—"Big Brother" starts to his act.

NIGHT SESSION.

7.55 p.m.—Musical selection.
7.55 p.m.—Talk by Ross Williams, subject, "Hobart Development League Activities".
7.55 p.m.—"Mercury" Special. Tasmania's first wireless station, Hobart. Western Frontiers. Hobart. Short. Radio. Live. 9 p.m.—G.P.O. Clock Chimes.
8.15 p.m.—Breadtalk by "Hobart" who lives on "Unlucky" Island. Ballads. Clovers by U.E.A. Costume Contest. Claret. Hobart. At Conclusion Irish Official Wireless news. Hobart within Wireless range. Wireless in Tasmania. Station announcements. National Anthem.

Sunday, August 21 2FC, SYDNEY.

MORNING SESSION.

10.00 a.m.—Programme Announcements.
11.00 a.m.—"The Day" From the Pitt Rivers Congregational Church, Sydney. The Mass. Our Services, conducted by Rev. W. V. Kerch.
12.15 p.m.—From the Studio: News Items.
12.30 p.m.—Close Down.

AFTERNOON SESSION.

2 p.m.—"Big Ben" and Programme Announcements.
2.5 p.m.—"The Day" by Lavers and Joyce Frew. Blind Musicians, in a Piano solo and Violin Recital.
(1) Planoforte, "Empire Stride" (Robin Hood).
(2) Violin, "On Wings of Song" (Mendelssohn). Joyce Frew.
(3) Aria, "O God, Have Mercy" (Mendelssohn). Gordon V. Lavers.
(4) Violin, "A Boy Soldier's March" (Kieltski). Joyce Frew.
3.20 p.m.—Captain Fred Adams will talk on "The Artillery of the Ancient Armies".
3.35 p.m.—Bessie's "Sweet Mary" directed by Mr. John Mansfield. Preliminary.
1st Soprano, "The Day" by Lavers and Joyce Frew. 2nd Soprano, "The Day" by Lavers and Joyce Frew. Mr. Hooley, solo.
4.30 p.m.—Continuation of the Planoforte and Violin Recital by the Blind Musicians, Gordon V. Lavers and Joyce Frew.
4.45 p.m.—Close Down.

EVENING SESSION.

6.5 p.m.—"Big Ben" and Programme Announcements.
6.5 p.m.—Musical Dubinski's Violin.
(a) "Andante" (Lalo).
(b) "The Her" (Bach).
6.55 p.m.—Bessie's "Sweet Mary" (Gordon V. Lavers).
6.55 p.m.—Ludley Evans, Planoforte Solo. "Slow Movement and Rondo" from "Piano Concerto" (Boccherini).
6.55 p.m.—Bessie's "Sweet Mary" (Gordon V. Lavers).
6.55 p.m.—"Thanks be to God" (Owls).
6.55 p.m.—Macha Dubinski's Violin.
(a) "Introduction and Tarantelle" (Boccherini).
(b) Selected.
6.55 p.m.—Bessie's "Sweet Mary" (Gordon V. Lavers).
6.42 p.m.—Ludley Evans, Planoforte Solo. "Ballade in A Flat" (Chopin).
6.42 p.m.—From the Ipswich Hall, Pitt Street, Sydney. Organ Solo.
7.5 p.m.—"Big Ben" The Evening Service of the Central Methodist Mission, Faversham, Box, B. C. Foreman.



FERRANTI

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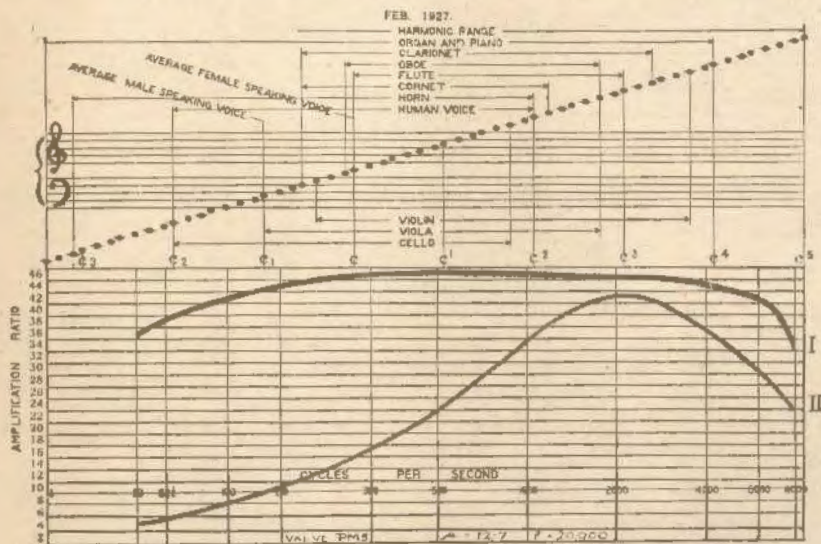
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- 8.30 p.m.—The Leichhardt District Band, from the Strand Theatre, Leichhardt.
Song, "Secured" (Gussell), Signor Martini, Tenor.
- 8.35 p.m.—March, "The Cuckoo" (Kimmer), The Leichhardt District Band.
- 8.40 p.m.—Song, "Aria from Lucia di Lammermoor" (Montebelli), Joyce Hadley, Soprano.
- 8.45 p.m.—Overture, "Zampa" (Hendell), The Leichhardt District Band.
- 8.54 p.m.—Duet, "In the Garden of My Heart" (Hull), Signor Massimo, Tenor, and Joyce Hadley, Soprano.
- 8.59 p.m.—Humoresque, "A Musical Sketch" (Alford), The Leichhardt District Band.
- 9.04 p.m.—Hymn.
- (a) "Devoted Christian Soldiers."
(b) "Hosanna." The Leichhardt District Band.
- 9.21 p.m.—Song, "McGregor's Gathering" (O'Leary), Signor Martini.
- 9.30 p.m.—Fox Trot.
- (a) "Ain't She Sweet."
(b) "Sam, the Old Acornson Man" (Donahoe).
The Leichhardt District Band.
- 9.32 p.m.—Selection, "La Traviata" (Verdi), The Leichhardt District Band.
- 9.45 p.m.—Song, "Song of the Soul" (Brell), Miss Joyce Hadley, Soprano.
- 9.53 p.m.—March, "Brilliant" (Hume), The Leichhardt District Band.
- 10.0 p.m.—"Big Ben", National Anthem; Close Down.

2BL, SYDNEY

Sunday.

- 7.45 a.m.—Special News Service.
- 11.0 a.m.—Service Broadcast from Newtown Congregational Church.
- 8.30 p.m.—Organ Recital by Master R. Malloch, Broadcast from St. Mary's Church of England, Waverley.
- 8.30 p.m.—Bible Class Conducted by Mr. W. Caird Bradley.
- 8.35 p.m.—G.P.O. Clock and Chimes; Close Down.
- 8.45 p.m.—Children's Service, Conducted by Little Willie.
- 8.50 p.m.—Organ and Orchestral Recital, Broadcast from Newtown Congregational Church.
- 9.0 p.m.—Bible Recital by the North Sydney Trainers Band, Broadcast from Matthews Hall, North Sydney.
- 9.45 p.m.—Announcements.
- 9.50 p.m.—A Song from Dickson's "Old Curiosity Shop," presented by Miss Babe Duggan and Mr. Edmund Duggan.
- 10.15 p.m.—Close Down.

2GB, SYDNEY

Sunday.

- MORNING SESSION.**
- 10.30 a.m.—Organ and Violin Solo from St. Alban's Lutheran Church, Redfern.
- 10.30 a.m.—Morning Service from St. Alban's, Redfern. Celebration of the Holy Eucharist. Service.
- 12 noon.—Close down.
- EVENING SESSION.**
- 8.45 p.m.—Music from studio.
- 9 p.m.—Lecture from Adyar Hall by Professor Ernest Wood.
- 9.2 p.m.—Vocal Recital by students from the studio of Clement Hoeking.
- 9.40 p.m.—Address, Dr. P. Roedel.
- 9 p.m.—Close down.

3LO, MELBOURNE.

Sunday.

- MORNING SESSION.**
- 10.30 a.m.—Bells from St. Paul's Cathedral, Melbourne.
- 10.45 a.m.—Express Train Information.
- British Official Wireless News.
- MORNING SERVICE FROM WESLEY CHURCH, LONSDALE ST., MELBOURNE.**
Minister: REV. J. H. CAIN.
Conductor: MR. G. M. WILLIAMS.

AFTERNOON SESSION.

- 2.15 p.m.—Richmond City Band;
March, "The New Colonial" (Hall),
Fantasia, "Ermani" (Verdi).
Intermission: "Wales Lullies" (Hume).
Selection, "Welsh Melodist" (Hume).
Valse, "Blue Danube" (dancer).
Hymn, "Nearer, my God, to Thee" (Carro).
For Fred, "Take in the Sun, Hang out the Stars" (Lewin).
- 3 p.m.—PLEASANT SUNDAY AFTERNOON SERVICE, WESLEY CENTRAL MISSION, LONSDALE STREET. CHAIRMAN: REV. DR. S. J. JOHAN.

EVENING SESSION.

- 5.30 p.m.—Answers to letters and birthday greetings by BOBBY BLUEGUM.
- 6 p.m.—THE PIPED PIPERS.
Chorus, "For what standest."
Solo, "The Little Hills."
Story, "Ruth," by Ethel Martz, sung by William G. James.
Solo, "When you go home."
Chorus, "Give ear unto my prayer."
6.25 p.m.—"BROTHER BILL" says:
"Don't worry—work!"
6.45 p.m.—Bells from St. Paul's Cathedral.

NIGHT SESSION.

- EVENING SERVICE FROM THE COLLINS STREET BAPTIST CHURCH.**
Minister: REV. W. D. JACKSON, D.A.
Organist: DR. W. G. PRICE.
Choir Director: MADAME ELA KINGSTON.
- 7 p.m.—Worship.
Cantata, "Sanctus."
Invocation.
Lord's Prayer.
Hymn, "Our Best Bestower."
Reading, "Philippians 11-13, IV."
Organist: DR. W. G. PRICE.
Choir Director: MADAME ELA KINGSTON.
Notice.
Offertory.
Declaration of Offertory.
Prayer.
Hymn, "Christian, dost thou see them?"
SERMON, "HURDLERS' WINDOWS" being second sermon of a series on "Famous Windows of the Bible."
Solo (by request of many listeners), by Madeline Ella Kingston, "He Died of a Broken Heart."
Hymn, "O Jesus, I have promised."
Benediction and Vesper.
- 8.15 to 8.30 p.m.—The usual after service Organ Recital by Dr. W. G. Price.
- FROM THE STUDIO:**
- 8.40 p.m.—Shipping Information.
- 8.51 p.m.—ST. AUGUSTINE'S BAND:
Selection, "Wildred Sanderson's Songs," arr. by Hume.
- 8.51 p.m.—TRAVERS MCGUIRE, Baritone:
"Aria, O Sun" (Maude Criske Ser).
"Tired Hands," from the Nocturns by Wilfred Handerson.
- 8.55 p.m.—ST. AUGUSTINE'S BAND:
Intermission, "Stillets" (Blen).
"Largo" (Handell).
- 8.55 p.m.—THE AUBURN METHODIST CHORUS (Conductor: J. Sutton Crew);
ELISIE DAVIES, soloist.
"Gullis" (Gounod).
"Easter Hymn" (Massengill).
- 9.0 p.m.—WILLIAM G. JAMES, Pianoforte Recital:
"Polonaise Mûsstra" (Chopin).
"Minuet and Trio" (Sobata Op. 31) (Beethoven).
"Toccata" (Manglagalli).
"Danse de la pouce" (Debussy) (The Doll Dance).
"Rhapsodie Hongroise No. 15" (Liszt).
- 9.05 p.m.—ST. AUGUSTINE'S BAND:
Euphonium solo, "Land of Hope and Glory" (Elgar).
- 9.25 p.m.—THE AUBURN METHODIST CHORUS (under direction J. Sutton Crew);
Soloist: ELISIE DAVIES.
"Hear, ye Israel" (Ridgely).
"Infernalistic" (by request) (Romain).

9.35 p.m.—Aren't News Service.

- Announcements.
The Royal Automobile Club of Victoria's Safety Message for To-day is for EVERYBODY. Encourage children, and particularly children, to avoid motorist who necessarily risks to themselves as to others.
- 9.45 p.m.—ST. AUGUSTINE'S BAND:
Cornet solo, "The Last Chord" (Gulliver).
Fantasia, "Le Traviata" (Verdi).
- 9.50 p.m.—(OUR GREAT THOUGHT).
"Every human being has a work to carry on. We must be prepared to perform almost duties in short, which are painful to his, and which no conscience but his own can teach."
—Channing.
- 10 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

Sunday.

- MORNING SESSION.**
11.0 a.m.—Morning Service from Independent Church, Collins Street. Preacher, Rev. Z. Ernest James, B.D.

AFTERNOON SESSION.

- SPECIAL STUDIO CONCERT.**
8.0 p.m. to 8.45 p.m.
CHILDREN'S SESSION.
6.0 p.m.—Children's Hour, conducted by "Billy Busby."

EVENING SESSION.

- MEMORIAL BAND CONCERT.**
8.30 p.m.—A Pleasant Sunday Evening by arrangement with the Victorian Returned Sailors and Soldiers' League Memorial Military Band, under the Conductorship of Bandmaster H. G. Abbott, broadcast from Assize Memorial Hall, Collins Street, Melbourne. President: Sir John Mowbray, G.M.B.E., K.C.B., V.D., Chairman, Mr. James Barrett, K.R.E., C.B., G.M.B., R.D.
The following programme will be introduced by the Memorial Band, together with individual items by professional artists who are all veterans:
Band: March, "Flat of Victory" (Van Hous).
Band: Overture, "Ludlow" (Harris).
Miss Ling: Violin, "Soloist."
Band: "Hunting the Goshawk" (A Hissling Scene) (Rubinow).
Mrs. C. Nightingale, Accompanist.
Mr. H. Mitchell, Song.
Mr. Harold Court, Piano.
Band: "Orpheus vs. Baryton" (Offenbach).
Mr. C. Nightingale, Song.
Band: "Valse, Procession May" (Waldbreit).
Band, March, "True to the Flag" (Van Hous); National Anthem.

4QG, BRISBANE.

Sunday.

- MORNING SESSION.**
ST STEPHEN'S CATHEDRAL.
The complete morning service will be relayed from St. Stephen's Roman Catholic Cathedral.
- 11 a.m.—Church Service.
12.30 p.m.—Close down.
- AFTERNOON SESSION.**
EXCELSIOR BAND.
The concert by the Brisbane Excelsior Band will be relayed from the Brisbane Casino.
FROM THE BOTANIC GARDENS.
8.15 p.m.—Band Concert.
8.45 p.m.—Close down.

NIGHT SESSION.

- ST. JOHN'S CATHEDRAL.**
The complete evening service will be relayed from St. John's Anglican Cathedral.
7 p.m.—Church Service.
8.45 p.m.—Benediction.

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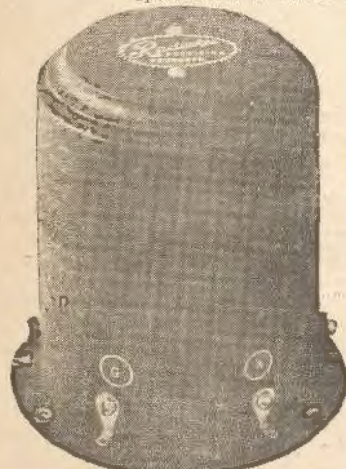


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BAND CONCERT.

At the conclusion of the church service the concert by the Brisbane Municipal Concert Band (conductor, Mr. E. Jackson) will be relayed from Wickham Park.
8.25 p.m. (Agree) — Band Concert.
9.25 p.m. — Close down.

5CL, ADELAIDE.

Sunday

MORNING SESSION.

11 a.m. — Chimes.
11.15 a.m. — Divine Service from the Flinders Street, Baptist Church.

AFTERNOON SESSION.

3 p.m. — Relay from Manham Church, Flinnam Sunday Afternoon Service.

EVENING SESSION.

8.30 p.m. — Chimes.
8.41 p.m. — Running time of the East West Express.
9.31 p.m. — Sunday Stories by Uncle Radio.
7 p.m. — Relay, Divine Service from the St. Peter's Cathedral.
8.19 p.m. — Relay from Glenisg Malton Orchestra.
8.30 p.m. — Mella Lantry, contralto.
8.35 p.m. — Malton Orchestra.
8.42 p.m. — Madama Beck, soprano.
8.48 p.m. — Malton Orchestra.
8.52 p.m. — Mella Lantry, contralto.
9.1 p.m. — Weather report.
9.2 p.m. — Malton Orchestra.
9.12 p.m. — Madama Beck, soprano.
9.18 p.m. — Malton Orchestra.
10 p.m. — Tomorrow's programme, (Station announcement).
Weather Report.
National Anthem.

6WF, PERTH.

Sunday.

10.45 a.m. — Tune in.
11 a.m. — Morning Service, relayed from St. George's Cathedral, Cathedral Avenue, Perth.
12.10 p.m. — Close down.
3.30 p.m. — Tune in.
4.25 p.m. — FROM THE STUDIO.
Musical programmes, including Vocal Assisting Artists.
4.50 p.m. — Close down.
7 p.m. — Tune in.
7.5 p.m. — Children's bedtime stories, by Mr. John Tucker.
7.30 p.m. — Evening Service, relayed from the Lake Street Church of Christ, Perth.
8.45 p.m. — IN THE STUDIO.
Musical programmes from the Perth City Band, Conductor, Mr. L. M. Prior.
10 p.m. — Close down.

7ZL, HOBART

Sunday.

MORNING SESSION.

11 a.m. — Divine Service from St. David's Cathedral, Hobart.
At conclusion of Church Service, host expresses information.
12.15 p.m. — Close down.

AFTERNOON SESSION.

3.30 p.m. — Band selections by Hobart Citizens' Band (conductor, Mr. Roy Stolliffe).
4.30 p.m. — Close down.

EARLY EVENING SESSION

8.40 to 7 p.m. — Children's Corner, with the "Sunday Lady."

NIGHT SESSION.

7 p.m. — Service from Newtown Methodist Church Anniversary celebrations, special numbers, under the direction of the Choir Master (Mr. Simpson Brownell).
At conclusion of Church Service concert —
In the Studio:
Miss Howard Bailey, L.A.B. (soprano),
Miss Mary Preece (pianist),
Miss Joan Albert (soprano),
Mr. Roy Stolliffe (cornet solo),
Mr. Frank Dalton (baritone),
Mr. Reg. Cooper (bass-baritone),
Miss Egan (mezzo-soprano).
9.40 p.m. — "Mercury" special interstate news service. British Official Wireless, 9 p.m. Weather forecasts, Station announcements.
National Anthem.

Monday, August 22
2FC, SYDNEY.

EARLY MORNING SESSION.

7 a.m. to 8 a.m.

MORNING SESSION.

10.4 a.m. — "Big Ben" and Announcements.
10.5 a.m. — Studio Music.
10.55 a.m. — "Radio Morning World" News Service.
10.59 a.m. — Studio Music.
10.59 a.m. — Last Minute Sporting Information by the 2FC Racing Commission.
10.45 a.m. — Studio Music.
11.0 a.m. — "Big Ben"; Marching Music for School Children.
11 a.m. — A.P.A. and Reuters' Cable Services.
11.15 a.m. — A Reading.
11.40 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; Radio Call.
12.5 p.m. — Studio Music.
13.10 p.m. — Summary of "Sydney Morning Herald" News Service.
13.20 p.m. — Rugby Wireless News; Studio Music.
13.30 p.m. — Marching Music for School Children.
13.45 p.m. — Maria Gall, Soprano.
"As Through the Streets" from "La Bohème" (Puccini).
13.45 p.m. — Studio Music.
13.50 p.m. — "Big Ben"; Weather Intelligence.
1.3 p.m. — "Evening News" Midday News Service; Producers' Distributing Society's Reports.
1.45 p.m. — FROM FARMER'S TEA ROOM: The Oak Hall Instrumental Trio (Leader, Mr. Harrow Kest).
1.55 p.m. — Stock Exchange, second call.
2.00 p.m. — Marching Music for School Children.
2.10 p.m. — Maria Gall, Soprano.
"My Treasures" (Trevallier).
2.15 p.m. — Studio Music.
2.30 p.m. — The Oak Hall Instrumental Trio.
2.5 p.m. — "Big Ben"; Close Down.

AFTERNOON SESSION.

3.0 p.m. — "Big Ben" and Programme Announcements.
3.15 p.m. — Dorothy Beahow, Contralto.
"Trust" (De Hagen).
3.20 p.m. — A Reading.
3.25 p.m. — Persis Rutter, Soprano.
"My Heart Sings to You" (Ashley).
3.30 p.m. — Marching Music for School Children.
3.40 p.m. — Florence Grant, Soprano.
"Lute" (Gunnellin).
3.45 p.m. — The Oak Hall Instrumental Trio.
3.55 p.m. — Studio Music.
4.0 p.m. — Jeanette Rooney, Contralto.
"Great as the Sea" (Oliver).
4.15 p.m. — The Oak Hall Instrumental Trio.
4.10 p.m. — Kitty Poole, Soprante.
"I'll Take the Key and Lock Her Up" (Mehaffey).

4.13 p.m. — Dorothy Beahow, Contralto.
"Sometimes When Night is Nigh" (De Hagen).
4.17 p.m. — Persis Rutter, Soprano.
"Esquitta" (Mora).
4.20 p.m. — Florence Grant, Soprano (from "Lute" (Gunnellin)).
"Gay, Sweet Girl" (Dams).
4.25 p.m. — The Oak Hall Instrumental Trio.
4.30 p.m. — Kitty Poole, Soprante.
"All the Boys Love Mary" (Sobemski).
4.35 p.m. — Jeanette Rooney, Contralto.
"Sweet Home" (Ward).
4.45 p.m. — Stock Exchange third call.
4.47 p.m. — The Wentworth Symphonic Dance Orchestra, under the baton of Mr. Cyril Kaye.
5.0 p.m. — "Big Ben"; Close Down.

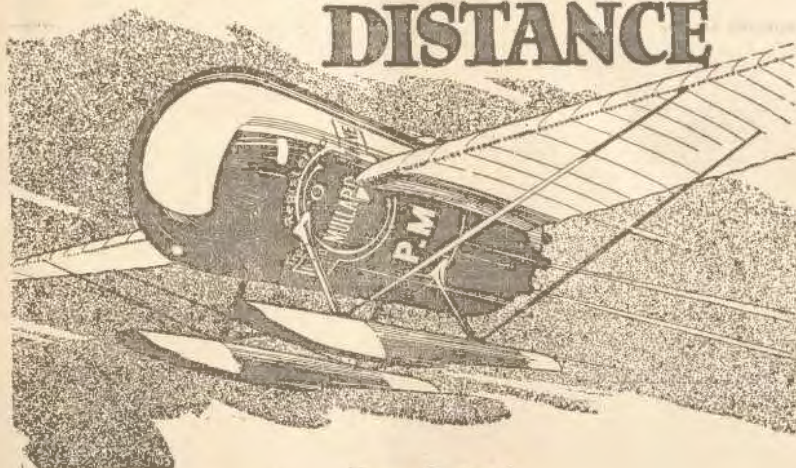
EARLY EVENING SESSION.

7.40 p.m. — The Chimes of 2FC.
8.40 p.m. — The "Mello Man" Talks to the Children.
8.50 p.m. — Story Time for the Young Folk.
8.40 p.m. — Dinner Music.
9.0 p.m. — "Big Ben"; Late Evening News.
9.10 p.m. — Delight's Market Reports (Wool, Wheat and Stock).
9.18 p.m. — Fruit and Vegetable Markets.
9.20 p.m. — Shipping and Weather News.
9.25 p.m. — "Evening News" Late News Service.

NIGHT SESSION.

9.35 p.m. — Programme Announcements.
9.40 p.m. — Madama Betta Vincent, in an illustrated musical lecture, dealing this evening with Light.
9.50 p.m. — "Is It Your Birthday?"
9.55 p.m. — "Big Ben"; From the Haymarket Theatre, George Street, Sydney. The Haymarket Operatic Orchestra of 20 members, under the baton of Mr. Stanley Parker.
10.15 p.m. — Madama Vera Tanna, Soprano.
10.15 p.m. — Mrs. W. A. Haining will continue her travel talks. No. 4: "Wanderings in France."
10.22 p.m. — Madama Vera Tanna, Soprano.
10.25 p.m. — Phoenix Curset Solo.
10.45 p.m. — Musical Competition, No. 7.
10.50 p.m. — Eden and Jack Landeryou, Entertainers.
10.55 p.m. — "Isn't That Too Bad" (Under-Ward).
11.00 p.m. — "Nobody's Baby But Mine" (Under-Ward).
11.05 p.m. — Madama Vera Tanna, Soprano.
11.10 p.m. — "Big Ben"; Latest Weather Forecast.
11.15 p.m. — The Haymarket Operatic Orchestra, under the baton of Mr. Stanley Parker.
11.20 p.m. — "The Premier Tour's" Vocal Act from the Haymarket Theatre.
11.25 p.m. — J. Phelouxy, Curset Solo.
11.30 p.m. — Eden and Jack Landeryou, Entertainers.
11.35 p.m. — "If You Hadn't Gone Away."
11.40 p.m. — "The How That Girl's the Honey."
11.45 p.m. — From the Sydney Town Hall, Dance Music supplied by Montgomery's Dance Orchestra, at the T.B. Ball.
11.45 p.m. — From the Studio: Mr. Sydney Calland, Baritone.
"The Sweetest Flower That Blows" (Rawley).
11.50 p.m. — The Haymarket Operatic Orchestra, under the baton of Mr. Stanley Parker.
11.55 p.m. — Eden and Jack Landeryou, Entertainers; Piana and Janis Norville.
12.00 p.m. — From the Sydney Town Hall, Dance Music supplied by Montgomery's Dance Orchestra, at the Sydney Town Hall on the occasion of the T.B. Ball.
12.05 p.m. — Sydney Calland, Baritone.
12.10 p.m. — "The Haymarket Operatic Orchestra," conducted by Mr. Stanley Parker.
12.15 p.m. — From the Studio: Music in Concert, No. 2.
12.20 p.m. — Montgomery's Dance Orchestra, from the Sydney Town Hall, on the occasion of the T.B. Ball.
12.30 p.m. — National Anthem; Close Down.

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THE · MASTER · VALVE

2BL, SYDNEY

Monday.

EARLY MORNING SESSION.

7 a.m. to 8 a.m.

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.
11.45 a.m.—Talk on "Tennis" by Miss Gwen Varley, Broadcasters' women's sports authority.
Social notes. Replies to correspondents by Mrs. Jordan.
Talk on "Dress for the Business Girl" by Marie Holmes.
12 noon.—G.P.O. clock and chimes.
Special ocean forecast and weather report.
12.1 p.m.—Musical programme from the Studio.
12.15 p.m.—Information. Mails, shipping, and port directory.
12.20 p.m.—Bonds in call by wireless.
12.25 p.m.—Fruit market report.
12.32 p.m.—Vegetable market report.
12.34 p.m.—London metal market report.
12.36 p.m.—Dairy and farm produce market report.
12.39 p.m.—G.P.O. clock and chimes.
Fragrance market report.
12.42 p.m.—Fish market report.
12.44 p.m.—Rabbit market report.
12.46 p.m.—News from the "Sun."
12.47 p.m.—Hilber's Instrumental Quartet—Director, Caryl Couling.
1.00 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.
Description of each race at the Tipping Tote, broadcast direct from the Tipping Racecourse.

AFTERNOON SESSION.

- Having information broadcast immediately after each race, by courtesy of the "Sun."
2 p.m.—G.P.O. clock and chimes.
Musical programme from the Studio.
2.10 p.m.—News from the "Sun."
2.20 p.m.—Musical programme from the Studio.
2.30 p.m.—News from the "Sun."
2.40 p.m.—Dungman Dance Band broadcast from the Empressway Cabaret.
4 p.m.—G.P.O. clock and chimes.
News from the "Sun."
4.15 p.m.—Serial story.
4.30 p.m.—Dungman Dance Band.
4.45 p.m.—News from the "Sun."
4.50 p.m.—Radio reviews.
4.52 p.m.—Resume of night's programmes.
4.54 p.m.—Announcements and What's On It.
4.58 p.m.—Special ocean forecast.
5 p.m.—G.P.O. clock and chimes.
Close down.

EARLY EVENING SESSION.

- 5.45 p.m.—G.P.O. clock and chimes.
Children's Session.
5.50 p.m.—Musical programme from the Studio.

SPECIAL COUNTRY SESSION.

- 7 p.m.—G.P.O. clock and chimes.
Australian Mercantile, Land, and Finance Co.'s report.
Weather report and forecast by courtesy of Government Meteorological Department.
Fruiters' Distributing Society's fruit and vegetable market report.

- Stock Exchange reports.
Grain and fodder reports ("Sun").
Dairy produce reports ("Sun").
7.15 p.m.—Country news from the "Sun."
7.30 p.m.—Talk on "Tennis" by Dr. McElhane.
8 p.m.—G.P.O. clock and chimes.
Broadcasters' Tipped Classes.
8.5 p.m.—An hour's programme presented by Landman's Wines.
9 p.m.—Weather report and forecast by courtesy of Mr. C. J. Marw, Government Meteorologist.
9.1 p.m.—Cec. Morrison and his Glomacchera broadcast from the ballroom of the Bondi Casino.
9.05 p.m.—Broadcasters' all-sports report will talk on general sporting.
9.25 p.m.—Cec. Morrison and his Glomacchera broadcast from the ballroom of the Bondi Casino.
9.19 p.m.—Mr. Harry Davis, once representative.
10 p.m.—Announcements.
10 p.m.—G.P.O. clock and chimes.
Resume of following day's programme.
10.3 p.m.—Cec. Morrison and his Glomacchera broadcast from the ballroom of the Bondi Casino.
10.18 p.m.—Miss May Nancarrow in a humorous recitation.
10.21 p.m.—Jack Elliot in imitations of animals and birds.
10.23 p.m.—Cec. Morrison and his Glomacchera broadcast from the ballroom of the Bondi Casino.
10.41 p.m.—"Sun" news item.
10.47 p.m.—Cec. Morrison and his Glomacchera broadcast from the ballroom of the Bondi Casino.
11 p.m.—G.P.O. clock and chimes.
National Anthem.

2GB, SYDNEY

MORNING SESSION.

- 8 a.m.—Music.
9.5 a.m.—Address.
10.15 a.m.—Music.
10.28 a.m.—Address. Psychological Class.
10.40 a.m.—Music.
10.45 a.m.—Health and Diet.
10 a.m.—Close down.

AFTERNOON SESSION.

- 2.50 p.m.—Music.
3.17 p.m.—Address.
3.52 p.m.—Music.
4.17 p.m.—Address.
4.22 p.m.—Music.
4.30 p.m.—Close down.

EVENING SESSION.

- 7 p.m.—Music.
7.15 p.m.—Address. Listeners League.
7.45 p.m.—Music.
7.50 p.m.—Address. Mr. J. K. Powell.
8 p.m.—Music.
8.05 p.m.—Address. The Problem of the Young Man.
8.10 p.m.—Announcements.
8.15 p.m.—Songs by Madeline Chabbert.
8.20 p.m.—Address by Professor Ernest Wood.
8.25 p.m.—Cello Solo. Myra Mae Lang.
8.28 p.m.—Instrumental quartet. DAN SCULLY, MONICA HORDER, MURELLE LANG, ADA BROOK.
8.30 p.m.—Piano Solo. Ada Brook.
9 p.m.—Address by Mr. J. K. Powell.
9.15 p.m.—Violin solo by DAN SCULLY: 1. Romance in B^b (Beethoven). 2. "Valse Caprice" (Brahms).
9.23 p.m.—Song. Mairae Chabbert.
9.30 p.m.—Instrumental Quartet. DAN SCULLY, MONICA HORDER, MURELLE LANG, ADA BROOK.
9.50 p.m.—Talk.
10 p.m.—Close down.

3LO, MELBOURNE.

Monday

MIDDAY SESSION.

- 12 noon.—Time signal. British Official Wireless News from Rugby, London and the Australian Press Association Cable. "Argus" News Service.
12.20 p.m.—MILDRED AND CONNIE; Keyboard and Violin. "Shepherd of the Hills."
Song with Piano. "Treaty Kitty Kelly."
12.30 p.m.—JOE ARONSON AND HIS SYNCYMPHONISTS.
12.40 p.m.—Stock Exchange information.
12.48 p.m.—SIGNEE VALMISTO, Tenor 1. Fragment of Gullin-Versman (Göndal).
12.50 p.m.—JOE ARONSON AND HIS SYNCYMPHONISTS.
1 p.m.—HUGH HUXLEY'S SERENADERS: "PIRATES AND PETTICOATS."
1.05 p.m.—Meteorological information. Shipping intelligence. Weather forecast for Victoria, Tasmania, South Australia, and New South Wales. Ocean forecast. Race reports. Rainfall for Victoria, Tasmania, South Australia, and New South Wales.
1.15 p.m.—JOE ARONSON AND HIS SYNCYMPHONISTS.
1.27 p.m.—SIDNEY BURCHALL, baritone: "It all depends on you" (de Zybska).
1.35 p.m.—SIDNEY BURCHALL, baritone: "Along the Whistling Trail" (Gladman).
1.44 p.m.—JOE ARONSON AND HIS SYNCYMPHONISTS.
1.54 p.m.—SIGNOR PALMETTO, tenor: "In the Garden of my Heart."
2 p.m.—Close down.

ERIN GO BRAGH.

- 2 p.m.—STUDIO ORCHESTRA: "The Emerald Isle"; Part 1 (Melodion).
2.10 p.m.—Mrs. DOBOTHY Clark.
"Home rest."
2.20 p.m.—ELSIE DAVIES, soprano:

AFTERNOON SESSION.

- During the afternoon the priority of the Fitzroy policy is still in effect.
"The Last Rose of Summer."
"Kiss O'Shane."
2.32 p.m.—BERTHA JORGENSEN, violin: "Lendary Irish Air."
2.47 p.m.—STUDIO ORCHESTRA: "Beverly Hills"; Part 2.
2.50 p.m.—PHIL LONG, Recital: "Daniel O'Rourke"; a humorous episode in his career.
4.2 p.m.—ELSIE DAVIES, soprano: "The Dear Little Shamrock of Ireland." "The Minstrel Boy."
4.3 p.m.—STUDIO ORCHESTRA: "Pearl of Mine" (Feidhlim).
4.10 p.m.—WALTER SMITH, cornet: "Through Miss's Hall."
4.25 p.m.—MISS FLORA PELL, Inspector of Schools: "Domestic Economy."
4.45 p.m.—"Herald" news service.
Stock Exchange information.

EVENING SESSION.

- 5.30 p.m.—Acceptance for Wednesday's week.
5.35 p.m.—Answers to letters and birthday greetings. by MISS KOOKABURRA.
5.45 p.m.—STUDIO ORCHESTRA: "Hopi Indian Song Dance"; a prize for rain.
6.20 p.m.—MISS G. FLOER GREGH will speak on "Banshee Whose elephants work in the timber mill."
8.15 p.m.—STUDIO ORCHESTRA: "The Flute Serenade" (Wald).
8.40 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 wool's sale.
8.45 p.m.—"Herald" news service. Weather synopsis. Shipping movements.
8.52 p.m.—Fish Market reports by J. R. Barrett, 34d, Balakie street. Bkto reports.



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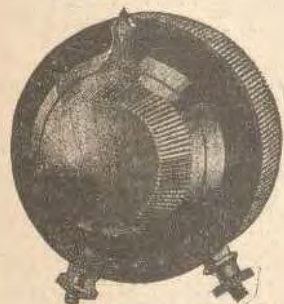


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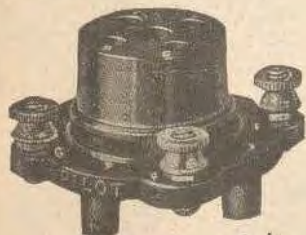


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BAKELITE SHIELDED TRANSFORMER 15/9

6.30 p.m.—River reports.
 6.58 p.m.—Market reports by the Victorian Producers Co-operative Co. Ltd., Newmarket, sheep sales, poultry, eggs, hay, chief, straw, jobs, dairy produce, potatoes, and sundries.
 7.5 p.m.—Fruit Market reports by the Victorian Wholesale Producers' Association.

NIGHT SESSION.
 7.58 p.m.—Under the auspices of the Boy Scouts Association:
COMMISSIONER DR. McADAM will give "A Talk to Our Country Scouts."
 8.10 p.m.—**MR. S. C. H. TAYLOR** will speak on:
 "School Life and School Sport."

8.45 p.m.—Under the auspices of the DEPART-
 MENT OF AGRICULTURE:
MR. H. FIBEL, Science Field Officer, will speak on:
 "Banana Fruit Diseases."

9 p.m.—**ST. VINCENT DE PAUL'S BAND**:
 Selection, "Il Travatore" (Verdi).
 Medley, "Welsh Rhapsody" (Hinsie).

9.11 p.m.—**MILDRED AND CONNIE**:
 Accordion and Violin, "Oriental Moonlight,"
 Song, "The Star Gazer."
 Harp and violin, "Ours."
 Harp and violin, "Solemnat."

9.23 p.m.—**MR. H. R. WILSON** will speak on:
 "Forthcoming Victoria Amateur Boxing and
 Wrestling Championships."

9.31 p.m.—**ST. VINCENT DE PAUL'S BAND**:
 Overture, "Raymond" (Thomas).
 9.40 p.m.—**MILDRED DAVYER**, soprano:
 "Katie Laurie."

9.47 p.m.—**MR. C. J. WILLIAMS**:
 "Income Tax for Laymen."

9.52 p.m.—**ST. VINCENT DE PAUL'S BAND**:
 Selection, "The Arcadians" (Douglas).
 10 p.m.—Announcements.

**THE ROYAL AUTOMOBILE CLUB OF
 VICTORIA'S SAFETY MESSAGE FOR TO-
 DAY IS:**

MOTORISTS: "Never leave your way
 through a crowd of people boarding or
 alighting from a motor. Beware of be-
 hind passengers alighting."

10.16 p.m.—**SIGNOR PALMETTO**, tenor:
 "When You and I were Young, Maggie."
 "Sing Me to Sleep."

10.23 p.m.—**HARRY ASH**: It is our pleasure
 to present to you tonight this well-known
 comedian in:
 "Beautiful is my old bear."

10.31 p.m.—**HARRY ASH**: "Bring back those bygone days."

10.48 p.m.—**ST. VINCENT DE PAUL'S BAND**:
 March, "Suite in F Major" (Hohel).
 10.50 p.m.—Meteorological Information,
 British (official) wireless news.

10.57 p.m.—**MUKHAM SERENADERS**:
 In a one-act Musical Comedy,
 "AT THE FAIR."

10.57 p.m.—**ST. VINCENT DE PAUL'S
 BAND**:
 "Mignonnite."
 "Fametta Progresses."

11.01 p.m.—"Argus" News Service.
 Announcements.

11.04 p.m.—**JOE ARONSON AND HIS
 SYNCO-SYMPHONISTS**:
 11.13 p.m.—**OHY GREAT THOUGHT**:
 "Every evil to which we do not succumb
 is a benefactor. As the Sandwich Islander
 believes that the strength and value of the
 penny he kills passes into himself, so we
 gain the strength of the temptations we
 resist"—Emerson.

11.14 p.m.—**JOE ARONSON AND HIS
 SYNCO-SYMPHONISTS**.
 11.48 p.m.—**GOD SAVE THE KING**.

3AR, MELBOURNE

Monday.
MORNING NEWS SESSION.
 11 a.m. to 12 noon.

MIDDAY CONCERT SESSION.
 1.1 p.m. to 1.4 p.m.
 Transmitted from Exchange House, 242
 Collins Street (by exclusive permission of
 Wills and Paton, Ltd.), on the Brunswick
 Hauppstruck.

MATINEE SESSION.

ORCHESTRAL CONCERT.
 2.30 p.m.—Studio Orchestra.
 2.45 p.m.—The Two Waifs, popular duo:
 "He's the Last Word" (Donaldson).
 2.48 p.m.—Studio Orchestra.

2.53 p.m.—The Two Waifs, popular duo:
 "Oh, my love, my love, my love."
 2.58 p.m.—Studio Orchestra.

3.01 p.m.—Miss Ethel Hesterly, piano:
 "Nocturne in B Major" (Chopin).
 3.25 p.m.—Studio Orchestra.

3.40 p.m.—The Two Waifs, popular duo:
 "I've got the girl" (Donaldson).
 3.48 p.m.—Studio Orchestra.

4 p.m.—G.P.O. clock says, "Four."
 4.1 p.m.—Second number forecast.
 4.3 p.m.—Announcements.

4.5 p.m.—The Two Waifs, popular duo:
 "Song of the Wanderer" (Mozart).
 4.9 p.m.—Studio Orchestra.

4.12 p.m.—Harriet Pettifer, violin:
 "Giant of Amour" (Fremont).
 "Bostie Boyds" (Fletcher).
 4.20 p.m.—The Two Waifs, popular duo:
 "He's got it" (Gilbert).

4.23 p.m.—Harriet Pettifer, violin:
 "Serenade" (Tchaikowsky).
 4.31 p.m.—Studio Orchestra.

4.38 p.m.—The Two Waifs, popular duo:
 "When the Willow Blossoms Again" (Lee-
 ston).
 4.41 p.m.—Studio Orchestra.

4.51 p.m.—Tonight's entertainment.
 4.55 p.m.—Special racing report, acceptances
 and barrier positions for Oaklands Flat Club
 race at Moterue Valley, by "Darkstar."

5 p.m.—G.P.O. clock says, "Five."
 Close down.

CHILDREN'S SESSION.

4.50 p.m.—"The Farmyard Fife"

EVENING SESSION.

"THE HERALD FROM MONK"
 7.30 p.m.—**MR. WILLIAMS** (tenor): Early Postal
 History of Victoria.
 7.45 p.m.—Market reports, Nations.

8 p.m.—G.P.O. clock says, "Eight."
 8.1 p.m.—"The Little Four":
 "Albino Owl" (Sewster).
 "Orbit to me only with thine eyes" (Moz-
 art), specially arranged for the Little
 Four.

8.7 p.m.—Miss Rosa Wagner, soprano:
 "I don't suppose" (Trotter).
 "Valencia" (Valentine-Padilla).
 8.16 p.m.—Dance Session, Leggett's Ballroom
 Orchestra.

8.30 p.m.—In commemoration on this, the
 anniversary of the famous retreat from
 Mons, Sergeant Will Jones, member of the
 Royal Warwickshire Regiment, will give a
 graphic description of this notable achieve-
 ment. It is interesting to note that Major
 Tom Bridges, now Sir Tom Bridges, Govern-
 or of South Australia, pulled the ex-
 hausted troops with a fire whale and a
 toy drum, during the retreat from Mons.

8.40 p.m.—The Ypres League, "Tramping
 Along" (Darowski), written on this event,
 will be heard during the description.

8.45 p.m.—Leggett's Ballroom Orchestra.
 9 p.m.—"The Little Four":
 "Sweet and Low" (Darby).
 "In Alhambra" (Bark).

9.7 p.m.—Mr. Jack Bell, comedian:
 "The favorite society humorist in a few funny
 incidents."

9.14 p.m.—**MR. JOSEPH WIDOWES** and **MR.
 JAMES BERRY**:
 Duett, "Solomon in Gung'wa" (Verdi).
 9.18 p.m.—Dance Session, Leggett's Ballroom
 Orchestra.

9.30 p.m.—**MR. ALFRED FIRMAN**, chief librarian,
 "Widow's Library."
 "Bards' Review," "Books of Yesterday, To-
 day, and To-morrow."

9.40 p.m.—Miss Rosa Wagner, soprano:
 "Indian Love Call" from "Aida" (Masc-
 igni).
 "Whoa" from "Daddy" (Kern).
 9.47 p.m.—Mr. Jack Bell, comedian:
 "More fun from the fun-book of a fun
 factor."

9.54 p.m.—"The Little Four":

"The Viol and the Pussy Cat" (de Lave-
 gne), "Little King" (Macy).
 10 p.m.—G.P.O. clock says, "Ten."
 10.1 p.m.—Miss Ethel Hesterly, piano:
 "Andalusian Suite" (Mozart).
 "Dance" (Mozart).

10.17 p.m.—"Yes, Australia, Great Australia."
 "Vivid and interesting news from our
 country. This news deals with the town
 and district of Warrumbungle, Victoria, specially
 prepared for EAR by the editor of the
 "Warrumbungle Chronicle."

10.21 p.m.—Dance Hour, Leggett's Ballroom
 Orchestra (Dressless, Mr. Harry Hesterly).
 10.40 a.m.—"Age" news bulletin (continues to-
 morrow).

10.45 p.m.—"The warner's" entertainment.
 10.48 p.m.—Our Australian Wood-
 chisel.
 "And lo, there is light! Bransons eye
 tender."

It glows reddest where there are no ad-
 vances.
 And purple and warble and gold in its
 splendour—
 Behold, this that moved, the birth of a
 day!"

From the poem, "Harvest on the Coast" (L.
 R. Parsons).
 11 p.m.—G.P.O. clock says, "Eleven."
 God Save the King.

4QQ, BRISBANE

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

AFTERNOON SESSION.
 FROM HOTEL CARLTON.
 2.30 p.m.—"The Little Four" by the
 Hotel Carlton Stringing Orchestra.

FROM THE STUDIO.
 4.15 p.m.—News service supplied by "The
 Telegraph."
 8.30 p.m.—Close down.

EARLY EVENING SESSION.

8 p.m.—News service supplied by "The Daily
 Standard."
 8.15 p.m.—Lectures: "A Talk to Parents and
 Teachers—'A Child and His Ways'" by
 Rev. M. E. de B. Griffin (Director of
 Religious Education).
 8.30 p.m.—"The Children's Session—Stories by
 'The Standard'."
 9 p.m.—Market reports; Stock reports.
 9.30 p.m.—Weather news; "Daily Standard"
 news.

9.45 p.m.—Standard time signals.
 10 p.m.—Lectures: "Organization of the
 Film Industry"—Mr. E. J. Shattoe (Instruc-
 tor in Film Business).

NIGHT SESSION.

**BLACKSTONE-IPSWICH CAMBRIAN
 CHORAL.**
 "The first portion of tonight's programme
 will comprise a recital by the Blackstone-
 Ipswich Cambrian Choral (conductor, Mr.
 Leonard Francis), and will be relayed from
 the Cambrian Hall at Ipswich. It will include
 part songs, hymns, quadrilles, and choruses
 selected from the choir's repertoire."

FROM IPSWICH.
 a p.m.—Blackstone-Ipswich Cambrian Choral
 recital.

WHITE HOUSE CONCERT.

"The second portion of the programme will
 be relayed from Messrs. Olsen & Goodrich's
 warehouse ('The White House'), Westpac-
 caha, and has been arranged by Mrs. Jean
 Savelle."

FROM THE WHITE HOUSE.

9.50 p.m.—Miss Quarters, "Comrade in
 Arms" (Adolphe Adam); "Come, Strangers!"
 "Dear Aunt," "One Heart Divine" (A. H.
 Rowley); Mr. C. T. Bicknell, accom-
 panist; solo, "Kilnsey"—by request
 (Hull); Mrs. Ann Taylor, recital.



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selection, Miss Marie Yeffer; male quartette, "A Catastrophe" (Suzanne), Coosé Quartette; contralto solo, "Three Fishers Went sailing" (A. Heller), Mrs. Spangier; duet, "Under the Desert Star" (Gordon Tomlin); Mrs. C. T. Kirkbeck and Harold Pines; soprano-contralto solo, "I Hope" (Gerald Joyce); Mrs. Jean Kaplan; male quartette, "In Alquerque" (Dudley Black), Coosé Quartette.

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

5CL, ADELAIDE.

Monday.

MORNING SESSION.—10 noon to 2 p.m.
AFTERNOON SESSION.

9 p.m.—Chimes.
8.1 p.m.—Relay from the Maple Leaf Cafe: Orchestral selections.
7.45 p.m.—From the Studio: Musical Items and Social Notes.
4 p.m.—Chimes.
4.1 p.m.—Relay from the Arcadia Cafe: Orchestral selections.
4.05 p.m.—Meteorological information.
Station announcements.
E. C. Ward and Co.'s Stock Exchange Intelligence.
3 p.m.—Chimes.

EVENING SESSION.

9 p.m.—Chimes.
8.1 p.m.—Relay from the Court Garden Restaurant: Orchestral selections.
8.00 p.m.—Radio Store.
Commencement of Drawing Competition.
7.55 p.m.—S. E. Ward and Co.'s Stock Exchange Intelligence.
7.50 p.m.—Market reports by Messrs. A. E. Hall and Co., A. W. Sandford and Co., Dalgety and Co., S. A. Farmers' Co-operative Union, Taylor Bros. and the Retail Grocers' Association.
7.41 p.m.—"Critics" will speak on this week's pictures.
7.40 p.m.—Physical culture talk by Mr. Noel Hulse, from the Central College of Physical Culture.
7.30 p.m.—Talk by Dr. H. Bassador, M.P., on the Australian Aborigines' Protection League.
8 p.m.—Chimes.
8.1 p.m.—Studio Orchestra.
8.18 p.m.—Elsie Wadley, contralto.
8.21 p.m.—Sable Gravel, baritone.
8.21 p.m.—"Twinkler."
8.41 p.m.—Studio Orchestra.
8.51 p.m.—Elsie Woolley, contralto.
8.55 p.m.—Studio Orchestra.
9.1 p.m.—Weather report.
9.2 p.m.—Dagley's wheat report.
9.2 p.m.—Sable Gravel, baritone.
9.19 p.m.—Studio Orchestra.
9.20 p.m.—Marjorie Walsh, soprano.
9.27 p.m.—Studio Orchestra.
9.37 p.m.—Ray Fletcher, baritone.
9.45 p.m.—Studio Orchestra.
9.55 p.m.—Marjorie Walsh, soprano.
10.1 p.m.—"Advertiser" News Service.
Wireless Shipping.
Result of the wireless Saturday's sports.
10.10 p.m.—Ray Fletcher, baritone.
10.20 p.m.—Studio Orchestra.
10.25 p.m.—Relay from the Malvern Band, Glenelg.
10.35 p.m.—To-morrow's programme.
Station announcements.
Weather report.
National Anthem.

6WF, PERTH.

Monday.

12.30 p.m.—Tune in.
12.35 p.m.—Local News Bulletin, by courtesy of "The West Australian" Newspaper Company. Market Reports of The Westralian Farmers, Limited.
Overseas News, by arrangement with the Australian Press Association.
1 p.m.—Tune signal from Perth Observatory.
1.1 p.m.—Weather notes, supplied by the Meteorological Bureau of Western Australia.
1.5 p.m.—STUDIO QUINTETTE.
2 p.m.—Close down.
2.30 p.m.—Tune in.
2.35 p.m.—Musical programme, including Pianoforte selections by Miss Evelyn Willis, A.R.C.M.
4 p.m.—STUDIO INSTRUMENTAL TRIO: "An Paso Dos Steppes" (Chilense). "Consolation, No. 9" (Liszt).
4.50 p.m.—Close down.
5.45 p.m.—Tune in.
6.00 p.m.—Uncles Henry and Duffy will tell "Short Stories to the Kiddies."
7.25 p.m.—Stock and Share Intelligence, by courtesy of Messrs. Sae and Grimwood, Limited.
Market Reports of The Westralian Farmers and Producers' Bulletin, by courtesy of "The Daily News" Bulletin, by courtesy of "The West Australian" Newspaper Company.
Overseas News, by arrangement with the Australian Press Association.
Late News items, by courtesy of "The Daily News" Newspaper Company.
Ships within range announcement.
7.45 p.m.—Talk.
8 p.m.—Tune signal from Perth Observatory.
8.1 p.m.—Weather notes, supplied by the Meteorological Bureau of Western Australia.

CONCERT NIGHT.

8.3 p.m.—Musical programme, including Vocal Assisting Artists.
Dance numbers by GWF Studio Jazz Orchestra.
10 p.m.—Late News items, by courtesy of "The Daily News" Newspaper Company.
Ships within range announcement.
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 to 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 Brownall Ltd., Hobart.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

6.30 p.m.—"Uncle Peter" Talks to the Children.
7 p.m.—"Big Brother" Chaw to his Pal.
NIGHT SESSION.
7.30 p.m.—Musical selection.
7.35 p.m.—Physical Culture Talk by Lieutenant Reginald McKinsock.
7.40 p.m.—"Mercury" Special Tasmanian News service. Railway Auction Produce sales. Weather information. Hobart Stock Exchange quotations.
8 p.m.—G.P.O. Clock Chimes.
8.1 p.m.—Vocal and Instrumental numbers from Finlay's Showroom, Elizabeth Street, Hobart.
8.20 p.m.—"Mercury" Special Interstate news service. Tasmania District Weather report. 9 a.m. Weather forecasts. Station announcements.
National Anthem.

Tuesday, August 23

2FC, SYDNEY

EARLY MORNING SESSION.
7 a.m. to 8 a.m.

MORNING SESSION.

10 a.m.—"Big Ben" and announcements.
10.5 a.m.—Studio music.
10.15 a.m.—"Sydney Morning Herald" news service.
10.30 a.m.—Studio music.
10.35 a.m.—Last minute sporting information by the 2FC racing commissioner.
10.45 a.m.—Studio music.
11 a.m.—"Big Ben." Marching music for school children.
11.5 a.m.—A.P.A. and Reuter's cables.
11.10 a.m.—Studio music.
11.15 a.m.—A talk on home cooking and recipes by Miss Ruth Ford.
11.30 a.m.—Close down.

MIDDAY SESSION.

12 noon—"Big Ben" and announcements.
12.30 p.m.—Stock Exchange, Brit. cal.
12.5 p.m.—Official weather forecast. Rain fall.
12.55 p.m.—Studio music.
12.10 p.m.—Summary of "Sydney Morning Herald" news service.
Rugby wireless news.
12.35 p.m.—Studio music.
12.40 p.m.—Marching music for school children.
12.40 p.m.—Muriel Bosley, soprano: "The Little Damozel" (Novello).
12.45 p.m.—THE OAK HALL INSTRUMENTAL TRIO. Leader, Mr. Horace East.
12.55 p.m.—Studio music.
1 p.m.—"Big Ben." Weather intelligence.
1.3 p.m.—"Evening News" midday news service.
Producers' Distributors 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.—Muriel Bosley, soprano: "Vale" (Kennedy Russell).
1.45 p.m.—Studio music.
1.50 p.m.—THE OAK HALL INSTRUMENTAL TRIO.
2 p.m.—"Big Ben."
Close down.

AFTERNOON SESSION.

3 p.m.—"Big Ben" and programme announcements.
3.5 p.m.—Herbert Dawson, tenor: "My Dreams" (Tosti).
4.10 p.m.—A reading.
4.25 p.m.—Fosse Brakel, contralto: "Here you never of my boy, Jack" (German).
4.30 p.m.—Marching music for school children.
4.40 p.m.—Anne Mills, mezzo: "The Swallows" (Cowen).
4.45 p.m.—THE OAK HALL INSTRUMENTAL TRIO.
4.50 p.m.—Fosse Brakel, contralto: "Lilacs" (Bachmanico).
4 p.m.—William Bowyer, baritone: "Devon for Me" (Kahn).
4.3 p.m.—Hilda Nelson, mezzo soprano: "Dolores" (Phillips).
4.55 p.m.—Herbert Dawson, tenor: "For you alone" (Goell).
4.14 p.m.—Studio music.
4.30 p.m.—Anne Mills, mezzo: (a) "The Rose"; (b) "The River and the Sea" (Solomon).
4.25 p.m.—THE OAK HALL INSTRUMENTAL TRIO.

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NAME

ADDRESS

"W.W." 19/8/27.



4.30 p.m.—Miss Nelson, music soprano: "Nightfall at home" (Phillips).
 4.40 p.m.—William Bowyer, baritone: "World that once was a garden" (Lohy).
 4.45 p.m.—Stock Exchange, third call.
 4.47 p.m.—The Westworth Symphonic Dance Orchestra, under the baton of Mr. Cyril Kaye.
 5 p.m.—"Big Ben." Close down.
EARLY EVENING SESSION.
 5.40 p.m.—The chorus of B.P.O.
 5.45 p.m.—The "Hello Man" talks to the children.
 6.20 p.m.—Story time for the young folk.
 6.40 p.m.—Dinner music.
 7 p.m.—"Big Ben." Late sporting news.
 7.10 p.m.—Dalger's market reports (wheat, 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.
 7.48 p.m.—Studio music.
 7.52 p.m.—"Is it your Birthday?"
 8 p.m.—"Big Ben." From the Lyric Wintergarden Theatre. Jimmy Elkin's Jazz Band with the Grand Organ.
 8.15 p.m.—Win and Windie, English entertainers (from the Studio): "Poor John, Episode 2" (Gardie).
 8.25 p.m.—Oliver King, basso: "On the Road to Mandalay" (Speaks).
 8.35 p.m.—From the Royal Arts Society Rooms, in the Education Buildings, a programme at the Convention, by members of the British Music Society.
 9 p.m.—"Big Ben." Latest weather forecast.
 9.1 p.m.—Continuation of the programme by the British Music Society.
 9.25 p.m.—"Do you know?" (from the Studio).
 9.30 p.m.—George Farnes will commence a series of Theatrical and General Reminiscences!
 No. 1. Managerial Memorising.
 9.40 p.m.—Oliver King, basso:
 (a) "Raggy" (Anderson).
 (b) "Pleading" (The Lyric Winter Garden Theatre: The Composer at the piano).
 (c) "When a Maiden takes Your Fancy" (Tovary).
 9.45 p.m.—Win and Windie, English entertainers: "The Nasty war 'e Got It" (Chevalier).
 10 p.m.—"Big Ben." From the Lyric Winter Garden Theatre: Jimmy Elkin and his Jazz Band.
 10.10 p.m.—Win and Windie, English entertainers: "Amateurs" (Win).
 10.15 p.m.—Oliver King, basso:
 (a) "Old Ladies and Fine Clothes" (Shaw).
 (b) "Davers Song" (Fisher).
 10.25 p.m.—"Amateurs" by "The Ten Fingers"
 10.30 p.m.—The Lyric Winter Garden Theatre: Jimmy Elkin and his Jazz Band.
 10.35 p.m.—The Westworth Symphonic Dance Orchestra, under the baton of Mr. Cyril Kaye.
 10.47 p.m.—Late news and announcements.
 11 p.m.—"Big Ben."
 The Westworth Symphonic Dance Orchestra, conducted by Mr. Cyril Kaye.
 11.25 p.m.—National Anthem.
 Close down.

2BL, SYDNEY.

Tuesday.

EARLY MORNING SESSION.

7.3 a.m. to 8.3 a.m.

MORNING SESSION.

10.20 a.m.—G.P.O. Clock and Chimes; Musical Programme from Radio.
 10.40 p.m.—News from the "Daily Telegraph" Radio.

10.50 p.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.
 12.1 a.m.—Social Notes; Replies to Correspondents by Mr. John. Talk on "Disinfection" by Mr. Adams A.M.A.
 12.2 p.m.—G.P.O. Clock and Chimes; Special Ocean Forecast and Weather Report.
 12.3 p.m.—Musical Programme from the Studio.
 12.40 p.m.—Information: Mail, Shipping, and Post Directors.
 12.48 p.m.—Boats in Call by Wireless.
 12.50 p.m.—Fruit Market Report.
 12.52 p.m.—Vegetable Market Report.
 12.54 p.m.—London Metal Market Report.
 12.56 p.m.—Dairy and Farm Produce Market Report.
 12.58 p.m.—G.P.O. Clock and Chimes; Foreign Market Report.
 12.59 p.m.—Fish Market Report.
 1.31 p.m.—Rabbit Market Report.
 1.36 p.m.—News from the "Sun."
 1.44 p.m.—Hillier's Instrumental Quartet, Direction, Kaye Casting.
 1.51 p.m.—G.P.O. Clock and Chimes; Talk to Children and Special Entertainment for Children in Hospital.
 2.0 p.m.—G.P.O. Clock and Chimes; Close Down.

AFTERNOON SESSION.

Racing Information Broadcast immediately after each Race by Courtesy of the "Sun" Newspapers.
 2.6 p.m.—G.P.O. Clock and Chimes; News from the "Sun."
 2.10 p.m.—Civil Service (Steno. Typ. Director, Miss G. G. G. G.).
 2.12 p.m.—G.P.O. Clock and Chimes; News from the "Sun."
 2.40 p.m.—Musical Programme from the Studio.
 3.04 p.m.—News from the "Sun."
 4.0 p.m.—G.P.O. Clock and Chimes; Civil Service Stores Trio.
 4.15 p.m.—Special Show.
 4.25 p.m.—Musical Programme from the Studio.
 4.35 p.m.—News from the "Sun."
 4.40 p.m.—Reverie of Night's Programme.
 4.44 p.m.—Announcements and What's On.
 4.54 p.m.—Special Ocean Forecast.
 5.0 p.m.—G.P.O. Clock and Chimes; Close Down.

KARLY EVENING SESSION.

8.45 p.m.—G.P.O. Clock and Chimes; Children's Session.
 9.20 p.m.—Musical Programme from the Studio.

SPECIAL COUNTRY SESSION.

7.0 p.m.—G.P.O. Clock and Chimes; Australian Mercantile Land and Finance Co.'s Report; Weather Report and Forecast by Courtesy of Government Meteorological Department; Districts' Society's Fruit and Vegetable Market Report; Stock Exchange Report; Grain and Fodder Report ("Sun").
 7.15 p.m.—Produce Report ("Sun"); S.R.M.A. Report.
 7.18 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 Librarians' League.
 8.0 p.m.—G.P.O. Clock and Chimes; Australian Technical Classes: Air Corp's Progresses presented by Cooper Valves.
 8.2 p.m.—Hudsons' Light Orchestra, under the Direction of Mr. J. Knight Barnett.
 8.15 p.m.—Mr. Norman Wright (Tenor).
 8.20 p.m.—Mr. Bruce Carter (Coltist).
 8.25 p.m.—Mr. Harrison Allen (Bass).
 8.30 p.m.—Mr. Waverley McKenzie (Violinist).
 8.44 p.m.—Miss Gladys Verona (Soprano).
 9.4 p.m.—Weather Report and Forecast by Courtesy of Mr. G. J. Mars, Government Meteorologist.
 9.5 p.m.—Broadcasters' Light Orchestra.
 9.55 p.m.—Miss Ethel Friend (Contralto).
 10.0 p.m.—Mr. Bruce Carter.
 10.20 p.m.—Mr. Harrison Allen.

9.30 a.m.—Mr. Norman Wright.
 9.41 p.m.—Broadcasters' Light Orchestra.
 9.56 p.m.—Resume of Following Day's Programmes.
 10.0 p.m.—G.P.O. Clock and Chimes.
 10.1 p.m.—Mr. Waverley McKenzie.
 10.4 p.m.—Miss Gladys Verona.
 10.10 p.m.—"The Ambassadors' Dance Band Broadcast from the Ballroom of the Ambassadors, during intervals between dances of the "Royal Society of the "Sun" 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 Metal Exchange as the daily British Official Wireless news from Rugby, Reuters and the Australian Press Association cables. Argus news service.
 1.15 p.m.—GEMMURY SINGING from the Studio, conducted by Mr. G. J. McKay, assisted by the STUDIO ORCHESTRA.
 HED BURBALL: "Marcheta."
 HELEN DAVIES, soprano.
 "All Soul's Day" (Lassen).
 "When Thy Blue Eyes, Beloved One" (Lassen).
 1.45 p.m.—Stock Exchange Information. Meteorological Information: Weather Forecast for Victoria, Tasmania, South Australia and New South Wales. Ocean Forecast. River reports. Rainfall for Victoria, Tasmania, South Australia and New South Wales.

AFTERNOON SESSION.

2 p.m.—ROYAL VICTORIAN INSTITUTE FOR THE BLIND ORCHESTRA: Overture, "The Bohemian Girl."
 2.10 p.m.—LENA WILSON:
 "All Day with a Tender Garden."
 2.15 p.m.—FRED SUTCLIFFE and NORMAN REES:
 "Simpsons' Dock," "La Paloma."
 2.20 p.m.—W. RILEY:
 "Song 'I Did Not Know."
 2.25 p.m.—JACK REIDEN:
 Comedy Sketch.
 2.25 p.m.—CHARLES BENNETT:
 "Song, 'I Heard You Singing."
 2.40 p.m.—ALBERT HARRIS, Violin Solo.
 2.45 p.m.—JACK BYRNE, Solo:
 "Blow, Wind, The Winter Wind" (Selected).
 2.50 p.m.—ROYAL VICTORIAN INSTITUTE FOR THE BLIND QUARTET:
 "Coming Thro' the Eye."
 2.55 p.m.—ROYAL VICTORIAN INSTITUTE FOR THE BLIND ORCHESTRA:
 Selections: Popular Songs.
 3.0 p.m.—FRED SUTCLIFFE:
 "Song, 'The Empty Vag."
 3.05 p.m.—JACK REIDEN:
 "Floral Solo, 'Carnival de Venice."
 3.15 p.m.—ADDRESSES BY HIS EXCELLENCY THE GOVERNOR OF VICTORIA, 3.15 p.m.—QUARTET:
 "Sixty years of work for the Blind of Victoria by the Royal Victorian Institute for the Blind, St. Kilda road."
 3.25 p.m.—ORCHESTRA:
 Selections, "Little Mother."
 3.30 p.m.—BLIND GUILD—DANCE—Description to be broadcast.
 3.35 p.m.—QUARTET:
 "Sweet Sixteen."
 3.45 p.m.—FRED SUTCLIFFE:
 "I'll Sing These Songs of Asilo."
 3.50 p.m.—ORCHESTRA:
 "Fox Trot, 'My Cativa Day at Tea in Tea."
 March, "Stars and Stripes."
 3.55 p.m.—Recall news service. Blind Fellowship.
 4.00 p.m.—Close down.

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TONE



POWER

EVENING SESSION.

8.30 p.m.—Answers to letters and birthday greetings by MARY CLAREAP.
 9 p.m.—THE STUDIO ORCHESTRA:
 "The Lizard and the Frog."
 9.10 p.m.—MISS YEKTY LAINDAU presents her Junior Trio in a FABRY FANTASIA—"FISHING BOYS."
 Adapted and arranged by Frank Yainson.
 CAST:
 Mandy Pool Costard—the frog who "would"
 LYLA REGNOLENS.
 Anthony Bowley—the friend

A tickleback "The Great"
 An Actor..... ELBA REWILL
 Mother Creaker—an anxious
 Mamma..... BILLY CAPP
 The Fairy Godmother..... GWEN HULL
 Jonty Wren..... THELMA HULL
 Mary—the contrary young lady
 ROBERTY RETHORN
 CHORUS OF COCKLE SHIELDS AND
 OTHER CONOLOGICAL CURIOUSITIES.
 SONGS INDICATED TO THIS PLAY.
 Scene 1.
 Duck, "I'm a Very Nice Young Man."
 Froggy and Bowler.
 Concerted, "This is the Grove of Spinach."
 The Company.
 Song, "Oh, Dear, Why Don't You Flatter Me"
 Froggy and Thorns.
 Concerted, "Frog He Would A-Wooing Go."
 The Company.
 Scene 2.
 Song, "Mary, Mary, Quite Contrary."
 Chorus, "Hacks, Black Sheep," Archer and
 the Company.
 Song, "Which Kid the Creaker?" Archer.
 Finale, "This is the Way," The Company.

9.40 p.m.—Official report of Newmarket stock sales, by the Associated Stock and Stock Agents, Bunton street, Melbourne—number of sheep and cattle driven for week's sales.
 9.45 p.m.—HERALD NEWS SERVICE.
 Weather—arrange. Shipping movements.

9.55 p.m.—Stock Exchange information.
 10 p.m.—Market prices by the Victorian Producers Co-operative Co. Ltd., Dairy produce, Potatoes and Onions, Poultry, Grain, Straw, Hay, Tule.
 10.15 p.m.—Fish market reports by J. B. Borrett Ltd. Rabbit reports. Skin reports by the Melbourne Wool Brokers. Egg market reports.
 10.25 p.m.—Night news.

10.30 p.m.—Market reports of fruit by the Victorian Fruitgrowers' Association.
 NIGHT SESSION.
 11.15 p.m.—Under the auspices of the Institute of Advertising—MR. HUGH PATON, Past President of the Advertising Association of Australia, will speak on "Information."
 11.25 p.m.—Under the auspices of the UNIVERSITY EXTENSION BOARD. MR. F. SINGLAIR, M.A., lecturer of University Extension Board, will speak on "Parodies."
 11.45 p.m.—MR. P. J. CAGHILL, of the Vic. Railways, will speak on "Handling of the Melbourne News Press."

8 p.m.—STUDIO ORCHESTRA:
 Mandolin Melodica, Part I; (arr. Roberts).
 8.5 p.m.—MARY CLARE, contralto:
 "Overnight" (Ward).
 "The Little Elbow Ring" (Chamaine).
 8.12 p.m.—MARYERY GREG, violin:
 "Sonata in A" (Hindemith).
 8.20 p.m.—GUY MOORE, tenor:
 "Elegy" with violin obbligato (Massenet).
 8.24 p.m.—TASMA TIERNAN, violin:
 "Andante" (Debussy).
 "Lullaby" (Scott).
 8.30 p.m.—MOLLY McKAY, soprano:
 "Carnival of Venice" (Benedict).
 "Mandolin" (Debussy).

8.35 p.m.—STUDIO ORCHESTRA:
 Mandolin Melodica, Part II; (arr. Roberts).
 8.40 p.m.—JOSEPH FOSTER, baritone:
 "On the Beach at Oahu" (Harrison).
 "O That It Were So" (Bridge).
 8.45 p.m.—STUDIO ORCHESTRA:
 "Love's Dream" (Grieg).
 Waltz, "Viviana Life" (Strauss).

8.50 p.m.—MOLLY McKAY and GUY MOORE:
 "Love Duet" Boheme (Puccini).
 9 p.m.—MR. SAM CLAPHAM.
 9.15 p.m.—STUDIO PRESENTATION OF THE OPERA "FANTASIA" in 4 Acts by the direction of J. BUTTON SMYTH, assisted by THE STUDIO ORCHESTRA and the AUBURN METHODIST CHURCH.
 CAST:
 Faust, JOHN B. SULLIVAN, tenor.
 Meglotophole, THOS. GEORGE, bar.
 Valentine, J. ALEXANDER BROWN, baritone.
 Wagner, F. DAVIES, bass.
 Margarine, ELBA DAVIES, soprano.
 Martha, MYRTLE WALSCOTT, mezzo-soprano.
 Siebel, ISA LILLYCRAP, soprano.

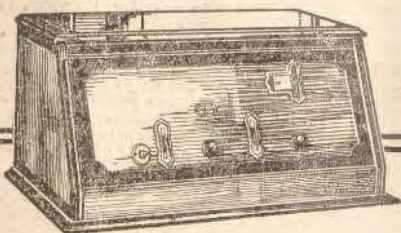
10.45 p.m.—Meteorological information. British Official Wireless News from Rugby, bearing Notes by "Olympic" Announcements. THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for today is for PEDESTRIANS: "Help the young and the infirm whenever you can, but especially when crossing a road. Never cut things too fine when crossing the road."
 11 p.m.—OUR GREAT THOUGHT:
 "There is a greatness in being generous, and there is only a little justice in self-righteousness. Generosity is the part of the soul raised above the vulgar."
 —Goldsmith.
 11.1 p.m.—ERN SPY AND HIS COUSINS.
 TRA:
 11.40 p.m.—GOD SAVE THE KING.

11.45 p.m.—Market reports. Notices.
 4 p.m.—G.P.O. Clock says "Bona."
 PART I.—A SCOTCHER GATHER ROUND"
 "The Three Straps" (M. Williams).
 "Hollan Laddie" (McEwen).
 "Homesick" (Patterson).
 "High-wind" (McPherson) (Patterson).
 "The Abil Home" (Lily Blair).
 "Candle thru the Red" (G.M. Scotch).
 "Robin Adair" (Old Scotch).
 7.15 p.m.—"The Glass Ties"
 "The Whistle Song" (M. Williams).
 8.30 p.m.—Anonimous.
 8.40 p.m.—Mr. Alex. Bell, comedian:
 He says his Father was Scotch and he said a good deal of funny stuff and will sing:
 "9 in Gölter to Mary" (Arcy) (Lauder).
 8.47 p.m.—The Two Walks Popular Duettists:
 "Back in Bonnie Scotland" (Stephenson).
 "Highland Mary" (Stephenson).
 8.43 p.m.—Mr. Stafford Brown, "Cello"
 "Katie Lambert" (Poulsen).
 "The Abil Home" (Lily Blair).
 8.52 p.m.—Mr. Leslie Herbert, Tenor:
 "Bunny Mary of Ayrick" (Nelson).
 "The March of the Cameron Men" (Mary Campbell).
 (The Company join in too.)
 Part II: "An Irish Serenade"
 9 p.m.—Piper Francis Minnie:
 "The Two Walks Popular Duettists" (Old Irish).
 "Nora Devlin" (Old Irish).
 9.5 p.m.—Miss Maude Bannoy, Soprano:
 "The Fairy Tale of Ireland" (Coates).
 "The Dear Little Starvel" (Stephenson).
 (The Company join in.)
 9.15 p.m.—"The Classic Trio"
 "Songs of Ireland" (Bishop Douglas).
 9.20 p.m.—Anonimous.
 9.30 p.m.—Mr. Alan Bell, Comedian:
 In Some Good Irish Humor, "Wes Bridget"
 "Dooking Married" (Lauder) (Fred Cecil).
 9.28 p.m.—The Two Walks Popular Duettists:
 "Bridget O'Flynn" (Starling and King).
 "Mollie O'Malley" (Helms and Nelson).
 9.45 p.m.—Mr. Eric Chastain, Violin:
 "Landslender Air" (Kreiser).
 "Guns Bank to Erin" (Garsbell).
 9.52 p.m.—Mr. Leslie Herbert, Tenor:
 "Believe me if all Those Endearing Young Charms" (Moore).
 Song and Chorus, "Eileen Aonnan" (Thomas).
 10 p.m.—G.P.O. Clock says "Ten."
 10.1 p.m.—Interval Talk. Mr. F. W. Strack, on "The Lighter Side of Bucking."
 10.15 p.m.—Dance Time. Leggett's Ballroom Orchestra. (Director, Mr. Harry Nangle).
 10.45 p.m.—Special Racing Report by "The Stip": Antipathies and Latest Track Information about Tomorrow's Races.
 10.50 p.m.—Tomorrow's Entertainment.
 10.55 p.m.—"The Arts" News Bulletin (retrospective to A.R.).
 10.58 p.m.—Weather Forecast.
 10.59 p.m.—Our Australian Good-Night Thought:
 "Fair" gives the way for better Joy.
 And wondrous thoughts sprout
 When the large moon of Peace looks down
 On high the Isle in the Sun,
 From the top of "The Hidden Tide"
 (Rodney Quinn).
 11 p.m.—G.P.O. Clock says "Thirteen"; God Save the King.

3AR, MELBOURNE
 Tuesday.
 MORNING NEWS SESSION.
 11 a.m. to 12 noon.
 MIDDAY CONCERT SESSION.
 Transmitted from Panoptoe House, 262 Collins Street (by exclusive permission of WRO and Paton, Ltd.), on the Melbourne Panoptoe.
 MATINEE SESSION.
 ORCHESTRAL CONCERT.
 2.45 p.m.—Squad Orchestra.
 2.50 p.m.—Miss Dorothy Eryon-Jones, contralto:
 "Blackbird Song" (Scott).
 "Ship that Pass in the Night" (Stephenson).
 2.54 p.m.—Studio Orchestra.
 3 p.m.—Mr. Ronald Bracher, violin:
 "Fantail D'Albino" (Poppet).
 3.11 p.m.—Studio Orchestra.
 3.30 p.m.—Miss Dorothy Eryon-Jones, contralto:
 3.38 p.m.—Studio Orchestra.
 3.52 p.m.—Mr. Ralph Thompson, baritone:
 "I Triumph, I Triumph" (English).
 "I Triumph, I Triumph" (Schubert).
 4 p.m.—G.P.O. Clock says "Four."
 4.1 p.m.—Second Weather forecast.
 4.3 p.m.—Anonimous.
 4.4 p.m.—Studio Orchestra.
 4.51 p.m.—Mr. Ralph Thompson, baritone:
 Indian Love Lyric: "Less than the Dust" (Woodford-Finden).
 Indian Love Lyric: "Kashmiri Song" (Woodford-Finden).
 4.59 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 SESSION.
 6.30 p.m.—"Uncle Moe's" Entertainment.
 EVENING SESSION
 "FOR IRELAND AND FOR SCOTLAND"
 130 p.m.—"The Captain," Richard Lyle and Sport for the Boys and Girls of Australia.
 1415.

4QG, BRISBANE.
 Tuesday.
 MIDDAY SESSION. N
 1 p.m. to 1 p.m.
 AFTERNOON SESSION.
 1.30 p.m.—A programme of music from the Studio.
 4 p.m.—"Telgraph" news.
 4.20 p.m.—Close down.
 EARLY EVENING SESSION.
 4 p.m.—"Daily Standard" news. Announcements.



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single drum control

A six tube, single dial radio for £25/10/-. Nothing else like it on the market at anywhere near the price. A genuine long-distance radio, incorporating many exclusive Crosley features. Its power tube adaptability, shielded chassis, Crescendon control, Accumulators, filament switch, etc., combine to form a remarkable receiving set. Cabinet is of mahogany, beautifully finished in two tone. Let us demonstrate this new radio.

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£3/5/-



The new
CROSLEY
Musicone

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- 8.15 p.m.—Lectures: A talk by Mr. J. C. Cavanagh (given under the auspices of the Town Planning Association of Queensland).
 8.30 p.m.—The children's session—stories by Uncle Jim.
 9 p.m.—Market reports. Stock reports.
 9.15 p.m.—Weather news. "Daily Standard" news.
 9.45 p.m.—Standard time signals.
 9.45 p.m.—Lectures: "Photography" by Mr. F. L. South (Manager, Kodak, Ltd.).

NIGHT SESSION.

STUDIO PROGRAMME.

From the Studio—

- 8.1 p.m.—A short drama recital by Mr. Arthur Shearman; soprano solo, "Spring Comes Laughing" (Carew). Miss Dolly Burgess; a duet for six (W.G. H. Lister). "A New World Here" (male quartet). "The Two Roses" (Della). The Anglo Male Quartette; tenor solo, "Alma Mine" (Mr. C. R. Kelly); monologue, "Only Home" (Gray). Miss Eileen McLennan; solo, "The Boatman's Story" (Madison). Mr. R. Pike; contralto solo, "The Acrobat and the Boat" (Balfie). Mrs. K. Spangler; male quartet, "Sittin' Around the Fire" (Park). The Anglo Male Quartette; soprano solo, "In Old Madrid" (Travers). Miss Dolly Burgess; group of mouth organ numbers by "The Bandman"; baritone solo, selected, Mr. A. F. Stoddart.
 9 p.m.—Metropolitan weather forecast; contralto solo, "I Love You Truly" (Bond). Miss Roseville Berg; vocal duet, "Tears and Happiness" (Wilcox). Messrs. G. B. Kelly and E. Pike; contralto solo, "Verna" (Tait). Mr. M. Spangler; male quartet, "In The Ash Grove" (Park). G. "Two Flies" (Park). The Anglo Male Quartette; contralto solo, "Isle of Dreams." Miss Roseville Berg; male quartet, "Only Thee" (Park). The Anglo Male Quartette.
 FROM THE TIVOLI THEATRE.
 8.20 p.m.—Orchestral suite.
 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.

- 8 p.m.—Chimes.
 8.15 p.m.—Relay from the Maple Leaf Cafe: Orchestral selection.
 8.45 p.m.—From the Studio: Talk by the Rev. G. E. Hale, B.A.
 9 p.m.—Chimes.
 9.15 p.m.—Relay from the Arcadia Cafe: Orchestral selections.
 9.45 p.m.—Station announcements.
 9 p.m.—Chimes and close down.

EVENING SESSION.

- 8 p.m.—Chimes.
 8.15 p.m.—Relay from the Colinet Garden Restaurant: Orchestral selections.
 8.45 p.m.—Bedtime Stories by Uncle Jack and Uncle Radio.
 9.15 p.m.—Running time of the East West Express.
 9.45 p.m.—Bedtime Stories continued.
 9.45 p.m.—S. G. Ward and Co.'s Exchange Intelligence.
 9.45 p.m.—Market reports by Messrs. A. W. Sandford and Co., A. F. Hall and Co., Dingley and Co., S.A. Farmers' Co-operative Union, Tait's Bros., Retail Grocers Association, and Dave's Fish Market Report.
 9.45 p.m.—Gardening talk by "Gardie."
 9.45 p.m.—Home Beautiful talk by "Domus."
 9 p.m.—Chimes.

- 8.1 p.m.—Relay from Holden's Band.
 8.15 p.m.—Reg. Woods, tenor.
 8.31 p.m.—Holden's Band.
 8.36 p.m.—Jessie Binzler, contralto.
 8.40 p.m.—Frank Part, baritone.
 8.46 p.m.—Hobson's Band.
 8.47 p.m.—Reg. Woods, tenor.
 8.51 p.m.—Holden's Band.
 8.51 p.m.—Weather report.
 8.52 p.m.—Dolphy's vocal report.
 8.53 p.m.—Jessie Binzler, contralto.
 9.10 p.m.—Hobson's Band.
 9.22 p.m.—Frank Part, baritone.
 9.26 p.m.—Doris Melancon, soprano.
 9.47 p.m.—Holden's Band.
 9.47 p.m.—Doris Melancon, soprano.
 9.53 p.m.—Advertiser's news review.
 Wireless Spring.
 "Wedding" Sport Service.
 10.18 p.m.—Holden's Band.
 10.22 p.m.—Frank Part, baritone.
 10.28 p.m.—Relay from the Maiden Glenzie.
 11.15 p.m.—Advertiser's Programme: Station announcements.
 Weather report.
 National Anthem.

6WF, PERTH.

Tuesday.

- 12.30 p.m.—Time in.
 12.35 p.m.—Local News Bulletin, by courtesy of "The West Australian" Newspaper Company. Reports of the Westralian Farmer, Limited.
 Overseas News, by arrangement with the Australian Press Association.
 1 p.m.—Time signal from Perth Observatory.
 1.1 p.m.—Weather News, supplied by the Meteorological Bureau of Western Australia.
 1.2 p.m.—STUDIO INSTRUMENTAL TRIO.
 1.35 p.m.—Close down.
 1.45 p.m.—Time in.
 1.55 p.m.—Musical programme, including Pindaric selections by Miss Evelyn Willis, A.R.C.M.
 2 p.m.—Local talk, by Mr. H. S. Hatton, of the Nation School of Physical Culture.
 2 p.m.—STUDIO INSTRUMENTAL TRIO.
 2.25 p.m.—Close down.
 2.30 p.m.—Time in.
 2.40 p.m.—Children's playette by Uncle Duffy, with Annie Margaret and Evelyn and Ursula Henry, Leslie Perry and Duffy.
 2.55 p.m.—Stock news. Share intelligence, by courtesy of Messrs. Saw and Greenwood, Limited.
 First Local News Bulletin, by courtesy of "The West Australian" Newspaper Company. Market Reports of the Westralian Farmer, Limited.
 Overseas News, by arrangement with the Australian Press Association.
 Late News Items, by courtesy of "The Daily News" Newspaper Co.
 Sixty within range entertainment.
 3.30 p.m.—"Tall, Wireless Troubles," by Dr. Dixon.
 3.45 p.m.—Time Signal from Perth Observatory.
 3.51 p.m.—Weather News, supplied by the Meteorological Bureau of Western Australia.
 BAND NIGHT.
 8.3 p.m.—Concert by the R. H. L. Band, conducted by Mr. W. A. Halverson.
 9 p.m.—Late News Items, by courtesy of "The Daily News" Newspaper Co.
 Sixty within range entertainment.
 Weather Report and Forecast.
 10.20 p.m.—Close down.

7ZL, HOBART.

Tuesday.

- MORNING SESSION—11 a.m. to 12 noon.
 AFTERNOON SESSION.
 2 p.m.—G.P.O. Clock Chimes.
 3.15 p.m.—Time in selection.
 8.5 p.m.—Hobart Stock Exchange quotations. Weather information. Items of interest. Announcements.

- 8.15 p.m.—Orchestral Selections by T.Z.L. Orchestra.
 8.15 p.m.—Bridge Instructions—Lemon & Close down.

EARLY EVENING SESSION.

- 8.30 p.m.—"Uncle Fanny's" Half-hour.
 9 p.m.—"Big Brother" Chats to his Pals.

NIGHT SESSION.

- 7.30 p.m.—Musical selection.
 7.35 p.m.—Library Lapses and Library Lads, by Mr. W. E. Fuller.
 7.50 p.m.—"Mersey" special Tasmania news service. Railway Auction Produce sale. Weather forecasts. Hobart Stock Exchange quotations.
 8 p.m.—G.P.O. Clock Chimes.
 Orchestral Selections by T.Z.L. Orchestra, accompanied with items from the Studio of the following Artists:—
 Miss Sarah Bruce (soprano-soprano).
 Miss O'Brien (contralto).
 Mr. Owen Burgess (baritone).
 Miss Italy Plummer (pianist).
 Miss D. Newbold (contralto).
 Mr. Garry (clarinet).
 9.40 p.m.—British Official Wireless news.
 9.50 p.m.—"Mersey" special Interstate news service. Sixty within Wireless range. Tasmania Districts Weather reports. 9.55 p.m.—Weather forecasts. Station announcements. National Anthem.

Wednes., August 24

2FC, SYDNEY

EARLY MORNING SESSION

7 a.m. to 8 a.m.

MORNING SESSION.

- 10 a.m.—"Big Ben" and announcements.
 10.5 a.m.—Studio music.
 11.15 a.m.—"Sunday Morning Herald" news service.
 11.30 a.m.—Studio music.
 11.45 a.m.—Studio music.
 11 a.m.—"Big Ben." Marching music for school children.
 11.15 a.m.—A.P.A. and Renner's Ombra.
 11.45 a.m.—Studio music.
 11.15 a.m.—A Talk on Home Cooking and Recipes by Miss Ruth Furst.
 11.50 a.m.—Close down.

MIDDAY SESSION.

- 12 noon—"Big Ben" and programme announcements.
 12.15 p.m.—Stock Exchange, first call.
 12.3 p.m.—Official Weather forecast, rainfall.
 12.5 p.m.—Studio music.
 1.15 p.m.—Summary of "Sydney Morning Herald" news service. Eighty Wireless news.
 1.30 p.m.—Studio music.
 1.30 p.m.—Marching music for school children.
 1.45 p.m.—DANIEL BARRY, baritone: "If They Were Birds" (Johnson).
 1.45 p.m.—THE OAK HALL INSTRUMENTAL TRIO Leader, Mr. Horace Esbury.
 1.55 p.m.—Studio music.
 1 p.m.—"Big Ben." Weather intelligence.
 1.45 p.m.—"Living News" middle range news. "Frodo's" Distributing Society's report.
 1.50 p.m.—THE OAK HALL INSTRUMENTAL TRIO.
 1.55 p.m.—Stock Exchange, second call.
 1.50 p.m.—Marching music for school children.
 1.40 p.m.—Daniel Harris, baritone: "Mother of Mine" (Hitch).
 1.45 p.m.—Studio music.
 1.45 p.m.—THE OAK HALL INSTRUMENTAL TRIO.
 2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

- 2.30 p.m.—"Big Ben" and programme announcements.
 2.5 a.m.—The Lyceum Theatre Orchestra.

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Australia was born too late to found an Empire, but there is no race on earth which is so boyishly eager to throw itself into the front trenches, to penetrate New Guinea jungles, tramp over Antarctic ice, or take wing across the world.

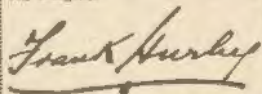
In France and Flanders and Palestine, I saw college boys stride forward, with a gallantry grander than life, into the last Great Adventure. I count it my highest honor to have been comrade of those Australians who are now citizens of an unknown nation!

My own New Guinea adventures have been described in books and shown on films, but I must add here my warmest tribute to the superb Burgess Radio Batteries, which kept us continually in touch with civilisation. I carried an 8 valve super het. set, the power being supplied by these batteries.

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- 4.20 p.m.—A Reading.
 4.30 p.m.—Marching Music for Nelson Children.
 4.40 p.m.—Joyce Gillespie, mezzo-soprano: "When You are There" (Tate).
 4.45 p.m.—The Lyceum Theatre Orchestra.
 4.45 p.m.—"Big Ben." Peggy Dunlop, soprano: "Where My Heart has Been" (Lobby).
 4.5 p.m.—The Lyceum Theatre Orchestra.
 4.10 p.m.—Margaret Grimshaw, soprano: "The Winds in the South" (Scott).
 4.14 p.m.—The Lyceum Theatre Orchestra.
 4.20 p.m.—Joyce Gillespie, mezzo-soprano: "Love's Attainment" (Thomson).
 4.24 p.m.—The Lyceum Theatre Orchestra.
 4.31 p.m.—Kathleen Horne, soprano: "Civilisation" (Barry).
 4.37 p.m.—Margaret Grimshaw, soprano: "Lullaby" (Lobby).
 4.40 p.m.—Peggy Dunlop, soprano: "When Fond is Sweet" (Rosa Nouri).
 4.45 p.m.—Block Exchange, third call.
 4.47 p.m.—Kathleen Horne, soprano: "Wandering Wily" (Clark).
 4.50 p.m.—THE WESTWORTH SYMPHONIC DANCE ORCHESTRA, under the baton of Mr. Gerald Kaye.
 5 p.m.—"Big Ben." Close down.
- EARLY EVENING SESSION.**
 8.40 p.m.—The Chimes of St. Paul.
 8.45 p.m.—The "Hella Man" Talks to the Music.
 9.15 p.m.—Uncle Ben and "Jerry."
 9.30 p.m.—Story Time for the Young Folk.
 9.40 p.m.—Dinner music.
 9.45 p.m.—"Big Ben." Late Sporting news.
 9.54 p.m.—Dalrymple's Market reports (Wool, Wheat and Stock).
 9.58 p.m.—Fruit and Vegetable Markets.
 9.59 p.m.—Weather and Shipping news.
 9.59 p.m.—Late "Evening News" news service.
- NIGHT SESSION.**
 7.40 p.m.—Programme announcements.
 7.45 p.m.—"It is your Birthday."
 7.50 p.m.—From Her Majesty's Theatre, Sydney (the last night of the season): "Madame Pompadour"—the story of the opera.
 7.55 p.m.—Her Majesty's Theatre Orchestra, conducted by Mr. Andrew Macdonald: "The Overture to 'Madame Pompadour.'"
 8 p.m.—"Big Ben." Excerpts from the production of "Madame Pompadour." Music by Leo Fall.
 Act One—Introduction and Ensemble, Arthur Stigrant and Chorus.
 Song, "Carnival Time," Frank Webster and Ladies.
 8.10 p.m.—Maggie Foster, in a programme of popular violin items (from the Studio):
 (a) "Cavatina" (Raff).
 (b) "Bachiana Minuet in G" (Bach).
 8.15 p.m.—William Bower, bass, and William Graham Smith, tenor.
 Duet, "Drink to me only" (Old English).
 8.15 p.m.—Maggie Foster, violinist.
 (a) "In a Spanish Town."
 (b) "Andantino" (Lemare).
 8.20 p.m.—A foreword to the next item from "Madame Pompadour."
 8.25 p.m.—From Her Majesty's Theatre: Duet, "By the Light of the Moon," song by Beppie de Vries and Frank Webster.
 8.38 p.m.—Scott Alexander, in a comedy sketch (from the Studio).
 8.45 p.m.—Marcus Burkitt, blind pianist
 (a) "Etude in B Major" (Chopin).
 (b) "Nocturne in B Major" (Chopin).
 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.—"Big Ben." Latest weather forecast.
 9.1 p.m.—Scott Alexander in a radio comedy.
 9.2 p.m.—William Bower (bass) and William Graham Smith (tenor): Duet, "All's Well" (Shakespeare).
 9.18 p.m.—From Her Majesty's Theatre, Sydney: Introduction and Ensemble to the second act of "Madame Pompadour" by the full company.
 9.19 p.m.—Duet, "Love's Fantasy," Beppie de Vries and Frank Webster.
- 8.25 p.m.—From the Studio: Mr. W. F. Kay in a series of theatrical reminiscences, No. 4, "Australian-born Actors."
 8.30 p.m.—From Her Majesty's Theatre, Sydney: Foreword to the next item, "Madame Pompadour," song by Frank Webster and chorus of actors.
 9.45 p.m.—From the Studio, Marcus Burkitt, blind pianist:
 "La Fille aux Choux" (Fischer).
 8.45 p.m.—William Bower (bass) and William Graham Smith (tenor): Duet, "Oh! wert thou in the odd shop" (Shakespeare).
 9.51 p.m.—Scott Alexander, radio comedy sketch.
 9.57 p.m.—William Bower, bass:
 (a) "Housie Hoo" (Fisher).
 (b) "The Blind Ploughman" (Claxton).
 10.3 p.m.—Al. Jack and his "Crackerjacks" in popular dance numbers.
 10.8 p.m.—From Her Majesty's Theatre, Foreword to the next item, "Madame Pompadour" by the full company.
 10.20 p.m.—Al. Jack and his "Crackerjacks" (from the Studio), dance numbers.
 10.30 p.m.—From Her Majesty's Theatre, Sydney: Musical numbers from the first act of "Madame Pompadour."
 Introduction—Duet, "Two little birds," Vera Egan and Arthur Stigrant.
 Finale, Act 2, full company.
 10.55 p.m.—Farewell speeches at the fall of the curtain in the last act of the first performance of "Madame Pompadour" in Sydney.
 11 p.m.—"Big Ben." Late news and announcements.
 11.5 p.m.—Al. Jack and his "Crackerjacks." Popular dance numbers.
 11.30 p.m.—National Anthem.
 Close down.
- 2BL, SYDNEY.**
- Wednesday.**
- EARLY MORNING SESSION.**
 7 a.m. to 9 a.m.
- MORNING SESSION.**
 11 a.m.—G.P.O. Clock and Chimes.
 Musical programme from the Studio.
 11.15 a.m.—Talk on "Motoring" by Mrs. Gwen Varley, Broadcasters' Women's Sports Authority, Social Notes English in Correspondence. Talk on "Dental Hygiene."
- AFTERNOON SESSION.**
 12 noon.—G.P.O. Clock and Chimes.
 Special Ocean Forecast and Weather report.
 12.5 p.m.—Musical programme from the Studio.
 12.55 p.m.—Information—Mail, Shipping and Port Directors.
 12.15 p.m.—Boats in call by Wireless.
 12.20 p.m.—Fruit Market report.
 12.25 p.m.—Vegetable Market report.
 12.34 p.m.—Landed Metal Market report.
 12.35 p.m.—Daily and Farm Produce Market report.
 12.37 p.m.—G.P.O. Clock and Chimes.
 Foreign Market report.
 12.37 p.m.—Fruit Market report.
 12.44 p.m.—Habbit Market report.
 12.50 p.m.—News from the "Sun."
 12.54 p.m.—Miller's Instrumental Quartet direction, Gail Carling.
 1.30 p.m.—G.P.O. Clock and Chimes. Talk by Children in Hospital.
 2 p.m.—G.P.O. Clock and Chimes.
 Musical programme from the Studio. Radio information broadcast immediately after each hour by courtesy of the "Sun."
 2.10 p.m.—Racing results. "Sun."
 2.15 p.m.—News from the "Sun."
 2.20 p.m.—Operatic Talk. "The Grand Compagny."
 3 p.m.—G.P.O. Clock and Chimes.
 News from the "Sun."
 3.15 p.m.—Musical programme from the Studio.

3.30 p.m.—Talk by Dr. Du Maurier on "How to maintain your Health."
 3.40 p.m.—Dungowan Dance Band, broadcast from the Dungowan Casino.
 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.—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.
 Children's Session.
 5.50 p.m.—Musical programme from the Studio.

SPECIAL COUNTRY SESSION.

7 p.m.—G.P.O. Clock and Chimes.
 Australian Mercantile Land and Finance Co.'s report.
 Weather report and Forecast by courtesy of Government Meteorological Department.
 Producers' Distributing Society's Fruit and Vegetable Market report.
 Stock Exchange reports.
 Grain and Poultry report ("Sun").
 Dairy Produce report ("Sun").
 N.R.M.A. Talk.
 7.15 p.m.—Country news from the "Sun."
 7.30 p.m.—Talk by a member of the St. John's Ambulance.
 8 p.m.—G.P.O. Clock and Chimes.
 Broadcasters' Topical Chorus.
 8.15 p.m.—Canterbury District Band (bandmaster, Mr. Stan Nicholas), broadcast from Baker's Hall, Campbell.
 8.25 p.m.—Mr. Jake Friedman (comedian), late of the Veterans of Variety, in a Comedy and Singing Act.
 8.45 p.m.—Cec. Morrison and His Gloom-chasers, broadcast from the ballroom of the Bondi Casino.
 8.55 p.m.—Mr. Alfred Wilmore (tenor).
 9 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.—Mr. Harry North (concertina solo).
 9.5 p.m.—Madame Goossens, Viceroy, in a Recital of Song.
 9.25 p.m.—Cec. Morrison and His Gloom-chasers, broadcast from the Bondi Casino.
 9.35 p.m.—Broadcasters' All Sports Expert will talk on Boxing.
 9.50 p.m.—Cec. Morrison and His Gloom-chasers broadcast from the Bondi Casino.
 10.5 p.m.—Mr. Alfred Wilmore.
 10.10 p.m.—Mr. Harry North.
 10.17 p.m.—Cec. Morrison and His Gloom-chasers broadcast from the Bondi Casino.
 10.27 p.m.—Resume of following day's programme.
 10.32 p.m.—Cec. Morrison and His Gloom-chasers broadcast from the Bondi Casino.
 10.42 p.m.—"Ben" news items.
 10.49 p.m.—Cec. Morrison and His Gloom-chasers broadcast from the Bondi Casino.
 11 p.m.—G.P.O. Clock and Chimes.
 National Anthem.

2GB, SYDNEY

Wednesday.

MORNING SESSION.

9 a.m.—Music.
 9.5 a.m.—Chorus Talk.
 9.16 a.m.—Music.
 9.28 a.m.—Talk, Psychological Class.
 9.40 a.m.—Music.
 9.48 a.m.—Health and Diet.
 10 a.m.—Music.

AFTERNOON SESSION.

2.50 p.m.—Music.
 3.07 p.m.—Address.
 3.09 p.m.—Music.

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- 1 R.M.S. Double Circuit Jack .. 3/-
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Condensers

Rheostats, Gridleaks,
Voltmeters,
Sockets, Dials, Coils,
Crystals, etc., etc.

The New Palace Radio,
400 Pitt Street, Sydney

4.7 p.m.—Address by Mrs. Croxall.

4.32 p.m.—Music.

4.38 p.m.—Close down.

EVENING SESSION.

7 p.m.—Music. Organ and Violin solo.

7.15 p.m.—Dedication—Church Revival.

7.40 p.m.—Address.

7.50 p.m.—Sacramentaria.

7.58 p.m.—Voices solo, MONICA HORDER.

1. "Andante from Sonata" (Brahms).

2. "Pavane" (Maurice Ravel).

8.7 p.m.—Address by Professor Ernest Wood.

8.20 p.m.—Songs by ETHEL JONES.

1. "Slave Song" (de Rigo).

2. "Oh I Awake" (Feld).

3. "Hallelujah" (Händel).

4.20 p.m.—Piano solo, Miss Trilla Harper.

8.40 p.m.—Gill Vocal Quartet: "A Cycle of Old English Ballads—arranged by E. Bramcombe."

1. "I have known and love."

2. "Once I loved a maiden fair."

3. "Hallelujahs."

ETHEL JONES, EVA CASIMIR, THOMAS HALL, CLEMENT HOSKING.

8.50 p.m.—Violin solo, DAN SULLY.

1. "Song of the Desert" (Walton).

2. "Mimosa" (Mozart).

8.55 p.m.—Organ—St. Clement's Handing.

1. "I know of no brighter crew" (Chapman).

2. "Lullaby" (Waggoner Williams).

9.25 p.m.—Duets for two voices with piano accompaniment, DAN SULLY, MONICA HORDER, ADA BROOK.

1. "Andante from Concerto" (Wach).

2. "Serenade" (Wagner).

9.35 p.m.—Gill Vocal Quartet.

Selection of Scottish Melodies arranged by E. Bramcombe.

1. "Bonnie Dundee."

2. "Tara ye to me."

3. "My love, she's but a lassie yet."

ETHEL JONES, EVA CASIMIR, THOMAS HALL, CLEMENT HOSKING.

10 p.m.—Songs by Mrs. Consett.

1. "The Star Flower Tree" (Woodford Pinder).

2. "If I had a world for you" (Lohmann).

9.50 p.m.—Talk.

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 week. British official Wireless News from Rugby, Reuters and the Australian Press Association cables.

"Arms" news service.

12.30 p.m.—JOE ARONSON AND HIS SYMPHONIZING SYMPHONISTS:

"My Mammy in Town" (Hills).

"Lonely Ellie" (Havill).

"My Cullie, Don't You Two to Two" (Robin).

12.39 p.m.—HUXHAM SERENADES.

In Twenty Minutes of

MUSIC, MELODY AND MELODY.

12.50 p.m.—Stock Exchange information.

1.30 p.m.—JOE ARONSON AND HIS SYMPHONIZING SYMPHONISTS:

2. m.m.—MILDRED AND CONNIE:

Tharp solo, "Somewhere a Voice is Calling."

Tharp and violin, "I Love the Moon."

1.30 p.m.—Meteorological information.

Weather forecast for Victoria, South Australia, Tasmania and New South Wales.

1.37 p.m.—JOE ARONSON AND HIS SYMPHONIZING SYMPHONISTS:

1.37 p.m.—MILLY HUNT, violin:

"Sonata in C Minor"—1st and 2nd Movement (Grieg).

1.42 p.m.—HARRY CARL:

"Everybody's Wireless Mail."

1.52 p.m.—JOE ARONSON AND HIS SYMPHONIZING SYMPHONISTS:

1.45 p.m.—MILLY HUNT, violin:

"Sonata in C Minor"—1st and 2nd Movement (Grieg).

"Albumen music of experiments."

1.50 p.m.—JOE ARONSON AND HIS SYMPHONIZING SYMPHONISTS:

1.50 p.m.—Description of Yureka Water Plant, 150 miles, OAKLANDS HUNT CLUB at MOONKEE VALLEY, by "Market" of the "Sporting Globe."

2.30 p.m.—Close down.

2.30 p.m.—Description of Yureka Water Plant, 150 miles, OAKLANDS HUNT CLUB at MOONKEE VALLEY, by "Market" of the "Sporting Globe."

2.35 p.m.—Close down.

AFTERNOON SESSION.

7 p.m.—Description of Barta Handers, 100 m.p.s., OAKLANDS HUNT CLUB at MOONKEE VALLEY, by "Market" of the "Sporting Globe."

9 p.m.—STUDIO ORCHESTRA:

"A Life on the Ocean Wave" Part 1.

9.10 p.m.—HUXHAM'S SERENADES:

Introducing a Nautical Nomenclature.

See "A HONEYMOON ON THE OCEAN."

9.30 p.m.—Description of Oaklands Hunt Station, about 24 miles, OAKLANDS HUNT CLUB, at MOONKEE VALLEY, by "Market" of the "Sporting Globe."

9.35 p.m.—HARRY CARL, comedian:

"Roaming Along with the Bosses."

9.40 p.m.—STUDIO ORCHESTRA:

"A Life on the Ocean Wave" Part 2.

9.52 p.m.—SIGNOR PALMETTO, tenor:

"Salute Song" (Pergaudi).

4 p.m.—Description of Yureka Water Plant, 150 miles, OAKLANDS HUNT CLUB, at MOONKEE VALLEY, by "Market" of the "Sporting Globe."

4.2 p.m.—ELSKIE DAVIES:

"Oceans, Thou Mighty Monster"—Glen (Wheat).

4.15 p.m.—STUDIO ORCHESTRA:

"Romance from King Manfred" (Reinold).

4.20 p.m.—SIGNOR PALMETTO:

"Lots of 'em to the Student" (Arnold).

"Song of the Wanderer" (Mori).

4.30 p.m.—Description of Seafield Christiania, 150 miles, OAKLANDS HUNT CLUB, at MOONKEE VALLEY, by "Market" of the "Sporting Globe."

4.35 p.m.—MISTER LOCKHART:

"Infant Welfare."

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

4.5 p.m.—Close down.

EVENING SESSION.

6.30 p.m.—Answers to letters and literary queries by "MARY MARY."

6 p.m.—STUDIO ORCHESTRA:

"Through the Ages" (Mace) of Time (Herald).

6.10 p.m.—MILDRED AND CONNIE:

Piano solo, "Valse Chantante" (De

Vitoli) and piano, "Bridget O'Flynn."

6.20 p.m.—A. KARASICK will tell the children:

"Fair Play."

6.40 p.m.—"Herald" news service. Weather reports. Shipping movements.

6.45 p.m.—Stock Exchange reports.

6.52 p.m.—Pitt market reports, by J. & B. Hur-

wit Ltd. Rabbit prices.

6.55 p.m.—River reports.

6.58 p.m.—Market reports, by the Victorian

Producers' Co-operative Co. Ltd. New

market sheep sales. Poultry, grain, lin-

seed, straw, late dairy produce, potatoes

and onions.

7.2 p.m.—Reports of Newmarket sheep sales

by the Association Stock and Station

Agents, Bourke Street, Melbourne. Market

reports of fruit by the Victorian Fruit-ers'

Association.

NIGHT SESSION.

9.15 p.m.—Under the auspices of the DE-

PARTMENT OF AGRICULTURE—MR. E.

A. KENDALL, Chief Veterinary Inspector

will speak on:

"State Dairy Supervision."

7.30 p.m.—CAPTAIN HARRY HIGBY, M.C.:

"The Activities of the Avro Club."

7.45 p.m.—CAPTAIN PETERS:

"Bucks, Wise and Observant."

8 p.m.—MILDRED AND CONNIE:

Song, piano and violin, "Shepherd of the Hills."

Harp and violin, "Shallower."

Song with piano, "If Ever I Meet."

Song with harp and violin, "Forgotten."

8.15 p.m.—MR. F. W. T. TOTTER:

"Spiray Harbor Bridge."

8.30 p.m.—RACHS MASS IN B MINOR, by the VICTORIAN ANDERSON

CHOR, with FULL ORCHESTRA.

Conductor, GEORGE ENGLISH,

SOLOISTS:

Soprano NELLIE GIBBS

Contralto VICTORIA ANDERSON

Tenor NORMAN BRADBROW

Bass VICTOR JOHNSON

Leader of Orchestra,

REGINALD BRADLEY

Acting Accompanist AMY RUTTON

Organist CHARLES TUCKWELL

1. "Lord, have mercy on us."

2. "Gloria"—"Glory to God on High."

"We Praise Thee"

"We give thanks to Thee."

"Lord, God, Heavenly King."

"Thou who takest away the sins of the world."

"Thou who sittest on the right hand of the Father."

"For Thou alone art Holy."

"With the Holy Ghost."

3. "I believe in one God."

"The Father Almighty, Maker of heaven and earth."

"And in one Lord Jesus Christ."

"And was incarnate by the Holy Ghost."

"And was crucified also for us."

"And the third day He rose again."

"And I believe in the Holy Ghost."

"I reckon one Baptism for the remission of sins."

4. "Sanctus" and "Benedictus."

"Holy, Holy, Holy, Lord God of Hosts."

"Hear us, O Lord, who cometh."

"In glory in the highest."

5. "O Lamb of God, Who takest away the sins of the world."

10.30 p.m.—"Argus" news service, Meteorological information, British official wireless news. Announcements.

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

MOTORISTS: "Don't follow too closely behind another car, or Old Man Accident will get you!"

10.45 p.m.—FOR ARONSON AND HIS SYMPHONIZING SYMPHONISTS.

11 p.m.—OUR GREAT THOUGHT:

"Hail and rashness are storms and tempests, banking and wrecking business; but timbleness is a fell, fair wind, blowing it with speed to heaven!"

—Pulver.

11.15 p.m.—JOE ARONSON AND HIS SYMPHONIZING 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 2 p.m.

Transmitted from Panatropa House, 222 Collins Street (by exclusive permission of Wills and Paton Ltd.), on the Brunswick Panatropa.

MATINEE SESSION.

"BALLARAT DAY."

The first of a special series of broadcasting visits to our greasy country towns organised

Ever-Ready Features No. 3.

Value

The popularity of a Radio Battery depends purely on the value received for the money invested,

This is the chief reason for the universal demand for *Ever-Ready*, because the purchase of one of these fresh, full-energy batteries is undoubtedly an investment in better radio reception.

Of course, there is an *Ever-Ready* for every need.



The "Standard" Dry Cell Radio Battery

Price, 3/-.

The *Ever-Ready* Radio "Standard" Dry Cell, as illustrated, is fitted with two screw terminals, and since its introduction has met with great success, users recognising its immense superiority over any imported cell. Size, 2 1/2 x 6 1/2. Weight, 2 lbs. Also for bells, telephones, signalling and electro-medical apparatus, &c.



"Wanda" Plug Radio Battery

This illustrates the new radio high-tension "B" Battery, which can be obtained 31, 42 or 63 volts—fitted with a Wanda plug, and 2 screw terminals.

PRICE:

Small size, type WF, 31.5 volt	.....	9/6
Small size, type WF, 42 volt	.....	12/6
Small size, type WF, 63 volt	.....	15/-
Large size, type XP, 31.5 volt	.....	16/-
Large size, type XP, 42 volt	.....	21/-
Extra large size, type Super Service, 42 volt	.....	28/6

If unobtainable locally, write for address of nearest source of supply to

The Ever-Ready Co. (Gt. Britain) Ltd.

163 Pitt Street

:: SYDNEY



Time Payment

My stout friend, Joe, assures me sadly that the time payment business is ruining the British Empire.

Joe ought to know! To my knowledge he is buying a second hand car, a piano and a bedroom suite on easy terms, and his grief for the Empire dated from the postman's visit at the end of the month.

I think David Harum summed up the facts very neatly when he remarked that a reasonable amount of flea is good for a dog—they keep him from brooding on the fact that he is a dog!

Time payment is exactly like flea on a dog. The gipsy we get monthly keeps us scratching round anxiously to pay for good things we could not otherwise have got.

There are two kinds of "T.P." The bad kind puts struggling bakers, butchers and grocers into the insolvency court. The right kind enables us to buy comforts and necessities by compulsory savings. Life insurance and education are two examples of the right kind—the only drawback being that Father gets nothing out of either!

Here is another and timely illustration of the best type:

For years I have longed for a Philco rechargeable "B" radio battery—to get rid of dry batteries, to know that I was putting years of perfect service into my wireless set, and that the occasional charging would not cost me much more than a packet of cigarettes.

But because Philco's are absolutely the finest radio batteries made, they are worth something—hence my unsatisfied longings.

Now that the New System Telephones Pty. Ltd. offer me a Philco on long easy terms, my first call to-morrow will be at 220 Castlereagh Street, Sydney. I will actually save the money twice over by putting in a Philco. Just imagine having the very best and really letting it pay for itself by its savings!

I will make you a little safe bet that when Joe knows he can put in a Philco on time payment his fears for the British Empire will vanish like frost on a hot stove!

by SAR. The transmission during the afternoon will include an orchestral and dance concert, together with interesting and graphic descriptions of the industrial activities of

8 p.m.—Close Down.

CHILDREN'S SESSION.
8.30 p.m.—"The Farmyard Fife"

EVENING SESSION.

"BALLARAT NIGHT."
Tonight is a special concert for Listeners in 3AR Melbourne. It is the first of important and interesting transmissions from our prominent country cities and towns, which is being arranged at suitable intervals by SAR Melbourne.

HISTORY OF BALLARAT.

7.30 p.m.—Proceedings will begin with a comprehensive and graphic description of the romantic and wonderful history of the city of Ballarat, from the early days of the adventurous miners who unearthed veins of parts of the world to peer open the golden treasury locked in the heart of the rich reefs of the district.

All this is dealt with in a gripping story, specially prepared for SAR, by Mr. Thos. W. Cotton, editor of the well-known daily newspaper "The Ballarat Courier."

THE MAYOR OF BALLARAT.
SPECIAL CONCERT AND DANCE.

8 p.m.—At 7 o'clock the Children will give a Social Concert and dance to the Mayor of Ballarat (Cr. A. J. Pizzard J.P.)

Proceedings will begin at 8 p.m. in the Ballarat Town Hall and a very fine concert programme will be contributed by leading artists. At about 10 p.m. the Dance will commence, and for an hour there will be high spirits in the music of a fine orchestra. Interspersed with the dances, charming little messages from leading Ballarat citizens will go out over the air to thousands of Listening Australians, either present of their personal attachment to Ballarat, or equally proud of the knowledge that such a spacious city shares the wide spaces of our wide and glorious Commonwealth.

4QG, BRISBANE.

Wednesday.

EARLY MORNING SESSION.

8.30 a.m. to 9 a.m.

MIDDAY SESSION.

1 p.m. to 2 p.m.

AFTERNOON SESSION.

FROM HOTEL CARLTON.
8.30 p.m.—Afternoon tea music from the orchestra, played by Hotel Carlton Symphonic Orchestra.

FROM THE STUDIO.
4.10 p.m.—Beauty talk by Dorothea Webster and "Telegram" news.

4.30 p.m.—Close down.

EARLY EVENING SESSION.

6 p.m.—"Daily Standard" news. Announcements.

6.15 p.m.—Lecturette: "Economic and Modern Commerce" by Mr. Maurice Hyde.

6.30 p.m.—The children's hour—stories by "Little Miss Brisbane."

7 p.m.—Special news service. Market reports. Stock reports.

7.30 p.m.—Weather news. Announcements.

7.45 p.m.—Standard time signal.

7.45 p.m.—Lecturette: A talk arranged by the Queensland Agricultural High School and College.

NIGHT SESSION.

THE CURLEW TROUBADOURS.

The whole of tonight's programme will be provided by the Curlew Troubadours under the leadership of Mr. Reg. Yoston.

FROM THE STUDIO.

7 p.m.—Male chorus, "The Swell Chorus" from "B Trovatore" (Verdi); the Curlew Troubadours (male solo, "Verdian" (Benedict); Mr. A. Smith; instrumental, "Le Social" (Edward Elgar); the Curlew Troubadours (Instrumental Quartet); "Silent" (Berg); Messrs. H. Nelson and S. Yoston; male part song, "O Pensive Night" (Goratti); the Curlew Troubadours; piano solo, "Chromola" (Hahn); Miss Ella Yoston; baritone solo, "Jack Straw" (Shelton); Mr. T. Griffiths.

8 p.m.—Metropolitan weather forecast.

8.5 p.m.—The Curlew Troubadours (Solo).

(Solo), the Curlew Troubadours (Instrumental Quartet); male solo, "Love & Fear" (Edvard Grieg); Mr. H. Damm; male part song, "The Vagabond" (Liz); "Was

Other Life" (Händel); (S); "Rocked in the Cradle" (Rock); the Curlew Troubadours; piano solo, "Squallida" (Albini); Miss Ella Yoston; male part song, "The Lullaby" (Haydn); the Curlew Troubadours; vocal duet, "Watchman, What of the Night" (Haydn); Messrs. C. Kell and H. Pitt; male solo, "Glenn Sane Parley" (S); "Bazaar" (Tchaikovsky); the Curlew Troubadours (Instrumental Quartet); baritone solo, "Frank's Drum" (Halczewski); Mr. Stasio Yoston; male chorus, "The Song of the Pioneer" (Gardner); the Curlew Troubadours; female solo, "Who is Sylvia" (Schubert); Mr. A. Smith, writes, "Evolutions" (Waldteufel); the Curlew Troubadours (Instrumental Quartet); male part song, "Simple Simon" (Macy); the Curlew Troubadours; instrumental solo, "O' Tommy, a Night" (Mr. E. Korman); the Curlew Troubadours; male part song, "The Curlew's Gait" (E. Korman); the Curlew Troubadours.

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

Close down.

5CL, ADELAIDE.

Wednesday.

MORNING SESSION.—12 noon to 2 p.m.

AFTERNOON SESSION.

2 p.m.—Chimes.

2.15 p.m.—Relay from the Maple Leaf Cafe.

Orchestral selections.

2.45 p.m.—From the Studio:

Musical Items and Social Notes.

4 p.m.—Chimes.

4.1 p.m.—Relay from the Annetta Cafe.

Orchestral selections.

Football, Mrs. Clarkson.

4.55 p.m.—Stock announcements.

5 p.m.—Chimes.

EVENING SESSION.

6 p.m.—Chimes.

6.1 p.m.—Relay from the Forest Garden.

Ballet.

Orchestral selections.

6.30 p.m.—Balltime Stories.

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

7.28 p.m.—Market reports by Messrs. A. W. Sandford and Co., A. E. Hall and Co., and the Retail Grocers' Association, Dalrymple and Co., S. A. Farmers' Union, Terrier Inc.

7.55 p.m.—Roy Scott's Corner.

7.58 p.m.—Messrs. F. H. Paulding's Scientific Talk.

8 p.m.—Relay from Ballways Band.

8.11 p.m.—Mr. Carver.

"Adeleide 56 Years Ago."

8.30 p.m.—Relay from Ballways Band.

8.40 p.m.—Margaret Purvis, soprano.

8.47 p.m.—Reser, Ballways Band.

8.55 p.m.—Vincent McMurtry, tenor.

9.1 p.m.—Victor Report.

9.2 p.m.—Dalrymple's Wheat Report.

9.5 p.m.—Relay, Ballways Band.

9.13 p.m.—Margaret Purvis, soprano.

9.17 p.m.—Relay, Ballways Band.

9.25 p.m.—Vincent McMurtry, tenor.

9.23 p.m.—Relay, Ballways Band.

9.42 p.m.—W. E. Vaughan, violin.
 9.59 p.m.—Melby, Railway Band.
 10 p.m.—"Antennae" News Service.
 Wireless: Shipboard.
 Station announcements: Local, Perth.
 10.12 p.m.—Kelan, Railway Band.
 10.20 p.m.—Bohemian Instrumental Trio.
 10.28 p.m.—Evo Fraser, comedy.
 10.40 p.m.—Bohemian Instrumental Trio.
 10.57 p.m.—W. E. Vaughan, violin.
 11 p.m.—Tomorrow's Programme.
 Station announcement.
 Weather report.
 National Anthem.

6WF, PERTH.

Wednesday.

12.00 p.m.—Tune In.
 12.35 p.m.—Local News Bulletin, by courtesy of "The West Australian" Newspaper Coy. Ships within range announcement.
 Market Reports of The Westralian Farmers, Limited.
 Overseas News, by arrangement with 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.
 1.1 p.m.—LUNCH HOUR CONCERT.
 Concert, arranged by Messrs Musgrove's, Limited, relayed from Lyric House, Murray Street.
 1.30 p.m.—STUDIO QUARTETTE.
 2 p.m.—Close down.
 2.50 p.m.—Tune in.
 3.25 p.m.—Musical programme, including pianoforte selections by Miss Evelyn Willis, A.R.C.M.
 4 p.m.—STUDIO INSTRUMENTAL TRIO.
 4.30 p.m.—Close down.
 6.45 p.m.—Tune in.
 6.50 p.m.—Starters for Tiny Toes by Auntie Marjorie.
 7.5 p.m.—Uncle Leslie will talk to the Boys.
 7.20 p.m.—Stock and Share intelligence, by courtesy of Messrs. Saw and Greenwood, Limited.
 Market Reports of The Westralian Farmers and Producers' Markets, Limited.
 First Local News Bulletin, by courtesy of "The West Australian" Newspaper Coy.
 Overseas News, by arrangement with the Australian Press Association.
 Late News Items, by courtesy of "The Daily News" Newspaper Coy.
 Ships within range announcement.
 7.45 p.m.—Ball.
 8 p.m.—Time signal from Perth Observatory.
 8.1 p.m.—Weather notes, supplied by the Meteorological Bureau of Western Australia.
VARIETY NIGHT.
 8.3 p.m.—Items by the STUDIO STRING TRIO.
 Miss Evelyn Willis, A.R.C.M., piano.
 Mr. Hugh B. Beshaw, 'cello.
 Mr. Harold T. Newton, violin.
 Vocal Assisting Artists.
 10 p.m.—Late News items, by courtesy of "The Daily News" Newspaper Coy.
 Ships within range announcement.
 Weather Report and Forecast.
 10.50 p.m.—Close down.

**Thurs., August 25
 2FC, SYDNEY**

EARLY MORNING SESSION.
 7 a.m. to 8 a.m.
 MORNING SESSION.

10 a.m.—"Big Ben" and announcements.
 10.5 p.m.—Studio music.
 10.15 p.m.—"Sunday Morning Herald" news service.
 10.40 a.m.—Studio music.

"A" current from your Light Socket
Balkite Trickle Charger



To re-charge weak "A" batteries, or may be attached permanently to the battery, keeping it constantly at par. It is noiseless in operation, and in most instances may be used during reception. Charging rate is approximately 4 amperes

Price, £4/7/6

"B" Battery Eliminator

The Phillips "B" Battery Eliminator may be connected to any house lighting Socket, thus giving a permanent high-tension supply. A rectifying valve converts alternating current, and the supply of power is "smoothed-out" by large and efficient condensers—every trace of pulsation is removed.



Price, £9/15/-



AN EFFICIENT 2-VALVE RECEIVER

Farmer's standard 2-valve receiver is reliable and efficient, and is recommended for use in city and suburban areas. The set takes less than two hours to instal, and maintenance cost, license included, is less than £4/10/- per annum. Perfect reception for all local stations is assured; Farmer's invite you at any time to see this set demonstrated, and test the unusual features of the instrument. Price .. £14/10/-

F A R M E R ' S

MAXIMUM

range and selectivity.
 Finest possible tone and
 ease of manipulation under
 all conditions, minutely accurate
 construction and handsome appearance
 —such is the STERLING "Straight-
 Eight." To ensure absolute perfection
 of quality, the use of reaction has been
 avoided, sensitivity and selectivity
 having been obtained by increasing the
 number of valves. The first five valves
 are High Frequency Amplifiers, the
 sixth a detector and the last two Low
 Frequency Amplifiers. Even from dis-
 tant stations the volume is more than
 sufficient for any ordinary type of loud
 speaker.

The instrument is contained in a hand-
 some lock-up cabinet, with space for
 housing the E.T. batteries.

STERLING

Straight Eight

8-Valve Receiver

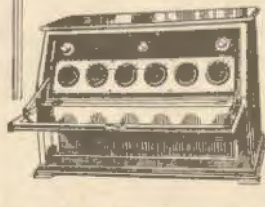
REPRESENTATIVE—

A. COLLINS

Room 12, 5th Floor

Daily Telegraph Bldg.

SYDNEY, N.S.W.



Write for full partic-
 ulars and prices of
 "Sterling" Radio
 Receivers, Loud
 Speakers and
 Gramophones.



10.35 a.m.—A talk by the ZFC racing com-
 misioner.
 10.45 p.m.—Studio music.
 11 a.m.—"Big Ben." Marching music for
 school children.
 11.5 a.m.—A.P.A. and Reuters' radio service.
 11.10 a.m.—Studio music.
 11.25 a.m.—A routine.
 11.30 a.m.—Class down.

MIDDAY SESSION.

12 noon—"Big Ben" and announcements.
 12.2 p.m.—Stock Exchange, first call.
 12.4 p.m.—Official weather forecast, rainfall,
 temperatures.
 12.5 p.m.—Studio music.
 12.10 p.m.—Summary of "Sydney Morning
 Herald" news service. Busy wireless
 news.
 12.25 p.m.—Studio music.
 12.30 p.m.—Marching music for school chil-
 dren.
 12.40 p.m.—Iris Myers, contralto:
 "Chanson De Fleur" (G. Binet).
 12.45 p.m.—THE OAK HALL INSTRUMENT-
 TAL TRIO (Leader: Mr. Harmon Keats).
 12.55 p.m.—Studio music.
 1.0 p.m.—"Big Ben." Weather intelligence.
 1.3 p.m.—"Evening News" midday news ser-
 vice.
 Freshness' Distributing Society's report.

1.30 p.m.—THE OAK HALL INSTRUMENT-
 TAL TRIO.
 1.38 p.m.—Stock Exchange, second call.
 1.40 p.m.—Marching music for school chil-
 dren.
 1.45 p.m.—Iris Myers, contralto:
 "Tutus" (Berlioz).
 1.45 p.m.—Studio music.
 1.45 p.m.—THE OAK HALL INSTRUMENT-
 TAL TRIO.
 1.55 p.m.—Racing talk by the ZFC commis-
 sioner.
 2 p.m.—"Big Ben."
 Class down.

AFTERNOON SESSION.

2 p.m.—"Big Ben" and announcements.
 2.5 p.m.—A recital by the pupils of Mr.
 Walter Thurman.
 3.10 p.m.—Marching music for school children.
 3.45 p.m.—Alison Beck, mezzo:
 "For you alone" (D'Harteloit).
 3.45 p.m.—THE OAK HALL INSTRUMENT-
 TAL TRIO.
 3.55 p.m.—May Craven, mezzo:
 "The Enchanted Forest" (Phillips).
 4 p.m.—"Big Ben." Gladys Aukin, soprano:
 "The Danzig Lesson" (Olliver).
 4.5 p.m.—THE OAK HALL INSTRUMENT-
 TAL TRIO.
 4.15 p.m.—Thelma Landowen, woman:
 "The Laughing Brook" (Raskack).
 4.20 p.m.—Alison Beck, mezzo:
 "My wishes for you" (Lloyd).
 4.25 p.m.—THE OAK HALL INSTRUMENT-
 TAL TRIO.
 4.35 p.m.—May Craven, mezzo:
 "In the deep silence of the night" (Phillips).
 4.45 p.m.—Gladys Aukin, soprano:
 "The Lass with the delicate air" (Aron).
 4.45 p.m.—Stock Exchange, third call.
 4.47 p.m.—Thelma Landowen, woman:
 (a) "The Jew" (Hoswell).
 (b) "That's all" (Strat).
 4.52 p.m.—The Westworth Symphonic Dance
 Orchestra under the baton of Mr. Cyril Kaye.

5 p.m.—"Big Ben." Class down.
 EARLY EVENING SESSION.
 5.45 p.m.—The chorus of ZFC.
 5.45 p.m.—"Hello Man" talks to the audi-
 ence.
 5.50 p.m.—Stories told for the young folk.
 6.40 p.m.—Dinner music.
 7 p.m.—"Big Ben." Late sporting news.
 7.50 p.m.—Daiery's market reports (wheat,
 wheat and stock).
 7.30 p.m.—Fruit and vegetable markets.
 7.50 p.m.—Shipping and weather news.
 7.55 p.m.—Late "Evening News" news ser-
 vice.

NIGHT SESSION.

7.55 p.m.—Programme music.
 8.05 p.m.—A talk by the principal officer of
 "Wireless Weekly" (G. Binet).
 8.14 p.m.—The Bondi Beach Concert Band
 (C. Bignall, conductor):
 "Intermezzo" (Rodevino) (Allet).
 8 p.m.—"Big Ben." The Bondi Beach Concert
 Band:
 (a) "Brahmsian." "On the Cornish Coast"
 (Gard).
 (b) Waltz, "Song & a Minnie" (Jayer).
 8.10 p.m.—News: Seymour, English clauson-
 ing.
 8.25 p.m.—The Bondi Beach Concert Band
 (C. Bignall, conductor):
 (a) Solo, "Mountain Lover" (Squire).
 8.35 p.m.—Madame Emily Marks, soprano:
 "The Prayer" (Tosca) (Puccini).
 8.45 p.m.—Alexander Sverizkiy, pianoforte
 solo:
 (a) "The Princess" (Grieg).
 (b) "Cobold" (Grieg).
 (c) "March of the Dwarfs" (Grieg).
 8.55 p.m.—Donald Mack, baritone:
 "If Thou Wert Blind" (Johnson).
 9.05 p.m.—The Bondi Beach Concert Band:
 "Fascination, La Belle Bayou" (Acc.
 Jimenez); Latest Weather Forecast.
 9.15 p.m.—Music Competition, No. 8.
 9.15 p.m.—Madame Emily Marks (Soprano),
 and Donald Mack (Baritone):
 "Harzschlo," from "Tales of Hoffman"
 (Offenbach).
 9.24 p.m.—The Bondi Beach Concert Band:
 (a) Moroccan, "Dove in the Cotton" (Peyer).
 (b) March, "Mephistopheles" (Dowling).
 9.25 p.m.—Cecelya Seymour, English Elemen-
 tary.
 9.34 p.m.—Lia de Giorgio, Violinist:
 (a) "Cradle Song" (Aulis).
 (b) "Cavities" (Grieg).
 9.42 p.m.—Madame Emily Marks, Soprano:
 "Have You News of My Boy, Jack"
 (German).
 (5) "A Birthday Song" (MacFarlane).
 9.43 p.m.—Donald Mack, Baritone:
 (a) "Sylvia" (Sprake).
 (b) "C. Y. Mack Me Best" (Mallinson).
 9.47 p.m.—Alexander Sverizkiy, Pianoforte
 Solo:
 (a) "Spring Night" (Fichmann-Luch).
 (b) "The Rhinoceros" (Liszt).
 10.11 p.m.—Joe Cahill, Entertainer:
 "My Little Son" (McKevy).
 10.21 p.m.—Lia de Giorgio, Violinist:
 "Lacoste" (Frank Nacker),
 1st Movement—Allegro,
 2nd Movement—Largo,
 3rd Movement—Fresco.
 10.25 p.m.—Joe Cahill, Entertainer:
 (a) "The Answer" (Kipling).
 (b) "Horn, Blinded Horn"
 10.35 p.m.—The Westworth Symphonic Dance
 Orchestra, under the baton of Cyril Kaye.
 10.45 p.m.—Joe Cahill, Entertainer:
 "Mister Doodle de Doodle" (Dowling).
 10.50 p.m.—The Westworth Symphonic Dance
 Orchestra.
 10.57 p.m.—Late News and Announcements.
 11.0 p.m.—"Big Ben."
 The Westworth Symphonic Dance Orchestra,
 conducted by Cyril Kaye.
 11.30 p.m.—National Anthem; Class Down.

2BL, SYDNEY.

Thursday,

EARLY MORNING SESSION.

7.30 a.m. to 8.15 a.m.

MORNING SESSION.

10.30 a.m.—G.P.O. Clock and chimes. Musical
 programme from Radio.
 10.40 a.m.—News from "Daily Telegraph"
 Pictorial.
 10.50 a.m.—Musical programme from the studio.
 11 a.m.—G.P.O. Clock and chimes. Announ-
 cements.
 11.2 a.m.—Musical programme from the studio

- 11.15 a.m.—Social Notes—Replies to correspondents by Mrs. Jordan. Talk on "Hall marks in Silver" by Mrs. Jordan.
- 12 noon.—G.P.O. Clock and chimes. Special Ocean forecast and weather report.
- 12.5 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.—Billiers. Instrumental Quartet—direction—Caryl Castling.
- 1.36 p.m.—G.P.O. Clock and chimes. Talk to children and special entertainment for children in Hospital.
- 2 p.m.—G.P.O. Clock and chimes. Close down.

AFTERNOON SESSION.

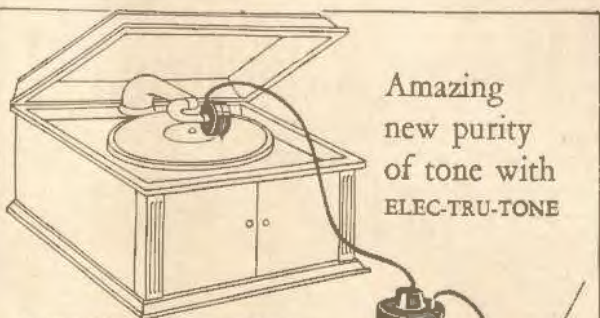
- Racing information broadcast immediately after each race by courtesy of the "Sun."
- 3 p.m.—G.P.O. Clock and chimes. Musical programme from studio.
- 3.10 p.m.—News from the "Sun."
- 3.20 p.m.—Musical programme from studio.
- 3.40 p.m.—News from the "Sun."
- 3.49 p.m.—Dungowan Dance Band broadcast from the Dungowan Cabaret.
- 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.
- 4.50 p.m.—News from the "Sun."
- 4.54 p.m.—Resume of night's programmes.
- 4.57 p.m.—Racing Resume.
- 4.59 p.m.—Special Ocean Forecast.
- 5 p.m.—G.P.O. Clock and chimes. Close down.

EARLY EVENING SESSION.

- 5.45 p.m.—G.P.O. Clock and chimes. Childrens session.
- 6 p.m.—The pupils of Miss Monica Sealy, will entertain the children.
- 6.50 p.m.—Musical programme from the studio.

SPECIAL COUNTRY SESSION.

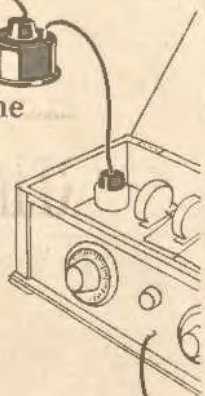
- 7 p.m.—G.P.O. Clock and chimes.
- Australian Mercantile Land & Finance Co's report.
- Weather report and forecast by courtesy of Government Meteorologist.
- Producers Distributing Society's Fruit and Vegetable Market report.
- Stock Exchange reports.
- Grain and Fodder report ("Sun").
- Dairy Produce report ("Sun").
- 7.15 p.m.—Country News from the "Sun"
- 7.50 p.m.—Talk on "St. Mary's Building Fund Appeal" by Mr. Rupert Matham, B.E.
- 8 p.m.—G.P.O. Clock and chimes.
- Broadcasters' Topical Chorus.
- 8.3 p.m.—The Murrumbidgee Salvation Army Band (bandmaster Mr. N. H. Knight) broadcast from Werris St. Murrumbidgee.
- 8.38 p.m.—Broadcasters' Radio Players, under the direction of Mr. Edmund Duggan. Present a Drama in four acts. Written by Tom Taylor and entitled "The Ticket of Leave Man."
- Characters and Players:
- | | |
|-------------------------|-----------------|
| Hawkeshaw (A Detective) | Compton Coutis. |
| Hub Brierley | Frederick Ward. |
| Jim Dalton | T. McDermott. |
| Meister Misch | Edmund Duggan. |
| Matsby | D. I. Dalzell. |
| Sam Willoughby | Isabe Duggan. |
| Mrs. Willoughby | Helen Ferguson. |
| May Edwards | Belle Ferguson. |
- 10.8 p.m.—Uce, Morrison and his Gloombossers broadcast from the ballroom of the Bondi Casino.
- 10.15 p.m.—Mr. Fred Lester, (light comedian).



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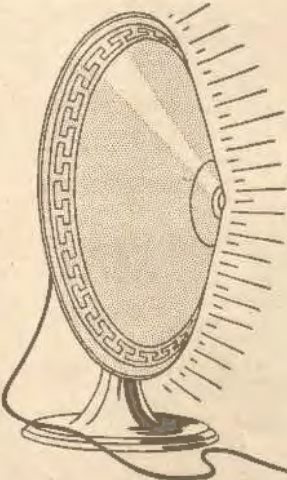


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00025	10/- to 12/8	
0080	0/8 to 12/8	

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Dubilier Micacon, 500,	3/6
Manchester Bi-pass, 2 mfd.,	1/-
Manchester Bi-pass, 1 mfd.,	6/-
Manchester Bi-pass, 500	2/6
Electrol Bi-pass, 2 mfd.,	1/-
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Double Circuit Jacks	2/-, 2/3, 2/3
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10.25 p.m.—Cor. Morrison and his Gloomchamers broadcast from the ballroom of the Bondi Casino.

10.45 p.m.—Weather study will forecast by courtesy of Mr. G. E. Murray, Government Meteorologist, (Scheme of following day's programme).

10.45 p.m.—Mr. Fred Lester.

10.50 p.m.—Cor. Morrison and his Gloomchamers broadcast from the Bondi Casino.

11 p.m.—E.P.O. Cook and others, National Anthem.

3LO, MELBOURNE

Thursday

MIDDAY SESSION.

12 noon.—Time Signal; Metal Prices, received by courtesy of the Australian Mines and Metals Association from the London Stock Exchange this day. Reuter's and the Australian Press Association Cables; British Official Wireless News from Radio.

12.15 p.m.—Under the auspices of the Centennial and Community Singers' Association—COMMUNITY SINGING, transmitted from the Assembly Hall, Collins Street, Melbourne.

1.45 p.m.—Stock Exchange Information; Meteorological Information; Weather Forecasts for Victoria, Tasmania, South Australia, and New South Wales; Ocean Forecast; River Reports; Rainfall for Victoria, Tasmania, South Australia, and New South Wales.

AFTERNOON SESSION.

2.0 p.m.—Rev. KENNETH HENDERSON: "Topics of the Week."

3.15 p.m.—Dr. A. K. FLOYD, will speak to students of the University of Melbourne.

5.30 p.m.—Mr. CHARLES NUTTALL will take us to foreign lands.

6.45 p.m.—STUDIO ORCHESTRA: "The Bavarian Dances" (Waltz):

1. The Dance.

2. Lullaby.

3. The Marches.

8.05 p.m.—MILDRED AND CONNIE:

Song with Piano, "I'm Blue Every Sunday."

8.6 p.m.—ELISE DAVIES, Soprano:

"Will o' the Wisp" (Soprano).

"In Your Looking Glass" (Soprano).

8.12 p.m.—STUDIO ORCHESTRA:

"Chopiniana"; Part I. (Arr. Hooper).

8.17 p.m.—HARRY CASH:

"Yodling Interlude."

8.24 p.m.—STUDIO ORCHESTRA:

"Chopiniana"; Part II. (Arr. Hooper).

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

8.45 p.m.—EVENSONG, transmitted from St. Paul's Cathedral.

8.51 p.m.—Acceptance for Saturday's Race at Flemington.

EVENING SESSION.

8.55 p.m.—Answers to Letters and Dishing Greetings by "MARY GUMBLEAF."

9.1 p.m.—STUDIO ORCHESTRA:

"March of the Wooden Soldiers."

Song by "Mary Gumbleaf."

9.15 p.m.—Miss G. FLOS GREIG will tell the children about:

"The Road to Mandalay."

9.20 p.m.—STUDIO ORCHESTRA:

"Praeludium" (Paveldi).

9.25 p.m.—"Herald" News Service; Weather Synopsis; Shipping Movements.

9.47 p.m.—Stock Exchange Information.

9.52 p.m.—Fish Market Reports by J. E. Norrett, Ltd.; Rabbit Prices.

9.55 p.m.—River Reports.

9.58 p.m.—Market Reports by the Victoria Producers' Cooperative Co., Ltd.; 2,500 Dairy Produce: Potatoes, Onions, Newmarket Sheep Sales, Poultry, Grain, Hay and Straw.

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

NIGHT SESSION.

7.15 p.m.—Mr. A. W. JACKSON will speak on: "Golf."

7.30 p.m.—Mr. J. HOWLETT ROSS: "Burke and Wills."

7.45 p.m.—Miss THURZA ROGERS, now appearing as "Tip Toes" at the Theatre Royal, will speak from her dressing-room, by permission of J. C. Williamson, Ltd.

8.0 p.m.—Mr. ROD MCGREGOR will speak on: "Football."

8.15 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.

8.25 p.m.—MILDRED AND CONNIE: Song, with Violin, "Why Did You Get Your Hair Bobbed, Mary?"

8.29 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.

8.39 p.m.—SIGNOR PALMETTO, Tenor: "To the End of the World With You."

8.48 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.

8.58 p.m.—SIDNEY BURCHALL, Baritone: "For My Sweetheart" (Donaldson).

8.57 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.

9.1 p.m.—HARRY CASH, Comedian: "Lazy."

9.11 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.

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

"The Safety Movement isn't a theory—it's a Crusade. Practise Safety First."

9.21 p.m.—MILDRED AND CONNIE: Song, "Zig-zag Crawl."

9.25 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.

9.35 p.m.—SIGNOR PALMETTO, Tenor: "May Song" (Lembette).

9.39 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.

9.48 p.m.—SIDNEY BURCHALL, Baritone: "Longin' for You" (Fish).

9.58 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.

10.3 p.m.—"Argus" News Service; Sporting Notes by "Olympic"; Meteorological Information; Announcements.

10.26 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.

10.50 p.m.—HARRY CASH, Comedian: "I'm Going Back."

10.34 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.

10.44 p.m.—SIDNEY BURCHALL, Baritone: "Grinder John."

10.48 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.

11.0 p.m.—OUR GREAT THOUGHT:

"Many might go to heaven with half the labor they go to hell, if they would venture their industry the right way."—Ben Jonson.

11.1 p.m.—JOE ARONSON AND HIS SYM-COPATING SYMPHONISTS.

11.40 p.m.—GOD SAVE THE KING.

4QG, BRISBANE.

Thursday.

MIDDAY SESSION.

1.0 p.m. to 2.0 p.m.

AFTERNOON SESSION.

5.30 p.m.—A Programme of Music by the Studio Orchestra, including:—Overture, "The Fairy Queen" (Messe-Toban); valse, "Declaration" (Waldteufel); selection, "Il Trovatore" Part I. (Verdi); cornet solo,

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"My Heart and The Sweet Voice" (Galt, Parry), Mr. H. Jackson, selection, "I Troubled," Part II, (Venti), rhapsody, "That Man's Bag" (Wells), ballad, "The Soul of a Rose" (Gos), duet, "Romany Lovers" (Zamenek),

4.0 p.m.—A Copley Talk by "Betty Simpson."

4.15 p.m.—The Telegraph News.

4.30 p.m.—Close Down.

EARLY EVENING SESSION.

4.0 p.m.—"Daily Standard" News; Announcements.

6.15 p.m.—A Home Talk by "Teema."

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

7.0 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: A talk by Mr. J. F. Ross, (Editor, "Queensland Agricultural Journal").

NIGHT SESSION.

DICKSON AUTO SERVICE CONCERT.

Tonight's programme has been arranged and originated by the proprietors of Dickson's Auto Hire Service, and will be given from the Studios of 49C.

7.0 p.m.—Introduction and talk, song, duet, "Watchmen, What of the Night" (arrangement) Mr. F. W. Dickson, (arranger) and Mr. Benji Dickson (baritone), soprano solo, "The Spirit, Flower" (Tibbels), "A Fox Little Fairer" (Hudson), Mr. Robert Bell, baritone solo, "The House's Lament" (Squire), "Shells" (Hamford), Mr. Fred Homer, tenor solo, "Marie, My Girl" (Albany), "The Low Key" Mr. John Steele, recitation, "The Ideal Way," "Milk" Mrs. E. Dickson, duet, Baritone voice, "The Master of Mine" (Henderson), "The Birch of Dawn" (Lynn), Mr. Benji Dickson, soprano solo, "I Hate" (Arill), "Hornet and Love" (Jacobson), Miss Pearl Watson, tenor solo, "The Terrace" (Schubert), "A Little Wounding" (Hobbs), Mr. Fred Dickson, (arr.), mezzo-soprano solo, June's (Quiber), "A Set of Sakers" (Arndell), Miss M. Jackson, mezzo-soprano, "The Spring Song" (Dennis), "I Remember," Mr. Tom Muller, duet, "April Vow" (Vera), Mrs. R. Bell (Soprano), and Mr. Fred Homer (Baritone).

7.0 p.m.—Metropolitan Weather Forecast, Tenor solo, "Bonny Mary of Argyll" (Dickson), "Mother Maithers" (O'Connell and Bell), "Mr. John Steele, recitation, "The Sweetener of Mine," "The Man, She'll Mew," Mrs. Fred Dickson, (arr.) soprano solo, "The Pine of Pen are Calling" (Mackinnon), "Three's Company" (Harist and Cowell), Miss Pearl Watson, baritone solo, "Drink! Goes West" (Anderson), "That Little Town in the Olden Country" (Mackinnon), "The Song of the Sea" (Homer, tenor solo, "Who is Sylvia" (Schubert), Mr. Fred Dickson, (arr.), duet, "Friendship" (Homer), Mr. Fred Dickson, (arr.), tenor), and Mr. Benji Dickson (baritone), Scotch air, "Within a Mile of Edinburgh Town," "Doon the Burn Burn" (Linn), Miss M. Jackson, soprano solo, "Waltz Music" (Alfred Hill), "Sissy Hollow Time" (Hunt), Mrs. Robert Bell, mezzo-soprano, "His First Love Tenor," "I Love Like," Mr. Tom Muller, duet, "Sweet Dreams" (Lehmann), Miss Pearl Watson (Soprano), and Mr. John Steele (Tenor), "Gilt songs," "Home Sweet Home," "Auld Lang Syne," "God Save the King."

10.0 p.m.—"The Daily Mail" News; Weather News; Close Down.

5CL, ADELAIDE

Thursday.

MORNING SESSION.—12 noon to 2 p.m.

AFTERNOON SESSION.

- 1 p.m.—Chimes.
 1.1 p.m.—Relay from the Maple Leaf Cafe:
 Orchestral selections.
 1.40 p.m.—From the Studio:
 "Homestead" Talk, by Mrs. M. Coghill.
 2 p.m.—Chimes.
 2.1 p.m.—Relay from the Arcadia Cafe:
 Orchestral selections.
 2.35 p.m.—Station announcements.
 3 p.m.—Chimes.

EVENING SESSION.

- 8 p.m.—Chimes.
 8.1 p.m.—Relay from the Covent Garden
 Restaurant:
 Orchestral selections.
 8.30 p.m.—Bedtime Stories, by Uncle Jack and
 Uncle Radio.
 8.55 p.m.—S. C. Ward and Co.'s Stock Ex-
 change Intelligence.
 9.29 p.m.—Market reports by Messrs. A. W.
 Sainsford and Co., A. E. Hall and Co.,
 Dalgey and Co., S.A. Farmers' Co-operative
 Union, Taylor Bros., Retail Grocers' Asso-
 ciation.
 9.35 p.m.—Yachting Talk, No. 2.
 9.45 p.m.—Youltry talk, by Mr. A. M. Whit-
 tisbury.
 9 p.m.—Chimes.
 Studio pianist, Mr. Tom King.
 9.1 p.m.—Relay, Magill Band.
 9.11 p.m.—A. Matters, baritone.
 9.18 p.m.—Magill Band.
 9.29 p.m.—Vera Clarkson, soprano.
 9.35 p.m.—Magill Band.
 9.45 p.m.—A. Matters, baritone.
 9.49 p.m.—Magill Band.
 9.1 p.m.—Weather Report.
 9.2 p.m.—Dalgey's Wheat Report.
 9.3 p.m.—Frank Johnston and Kath. Wishart,
 in "One Act Play."
 9.15 p.m.—Vera Clarkson, soprano.
 9.19 p.m.—Magill Band.
 9.29 p.m.—Ray Miller, contralto.
 9.30 p.m.—Magill Band.
 9.38 p.m.—Frank Johnston and Kath. Wishart,
 in "One Act Play."
 9.4 p.m.—"Advertiser" News Service.
 Wireless Shipping.
 "Windbag," Sporting Service.
 10.15 p.m.—Magill Band.
 10.25 p.m.—Helen Magarey, violin.
 10.33 p.m.—Ray Miller, contralto.
 10.37 p.m.—Helen Magarey, violin.
 10.40 p.m.—Relay from Glenelg, Malison Band.
 11.15 p.m.—"Technique" programme.
 Station announcements.
 Weather report.
 National Anthem.

In the COSSOR VALVE ADVERTISEMENT
 appearing in "Wireless Weekly," of July 29th,
 this line appeared: "Super Power Valves for
 last stage Radio, 15/- each." The word
 "Radio" should have read "AUDIO."

Under no circumstances can we con-
 sider personal callers whose mission is
 technical information. Queries of this
 nature are dealt with only through the
 columns of "Wireless Weekly." Send
 your letter addressed, "Wireless
 Weekly," 51 Castlereagh-street, Sydney.
 Enclose no stamps, but confine the
 number of your queries to four.

Quality now talks Price!

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2000 Ohms.

Prices Reduced

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Type.	Reduced to	Other Types:
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H2 Model ..	2 18 6	H3 Model .. 4 2 6
H1 Model ..	6 15 0	Cabinet
HQ Model ..	7 15 0	Model 8 10 0
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F. Type		A2 Type
Headphones 1 7 6		Headphones 2 10 0

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 result, reaches a standard of workmanship which
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Type.	Capacity.	Price each Cell fully charged.
		£ s. d.
C.Z.2.	40 amp. Hours intermittent	1 1 0
C.Z.3.	60 amp. Hours intermittent	1 5 0
C.Z.4.	80 amp. Hours intermittent	1 9 6
C.Z.5.	100 amp. Hours intermittent	1 14 0
C.Z.6.	120 amp. Hours intermittent	1 19 0

Exide "A" BATTERIES IN 2 VOLT UNITS.

Suitable for Dull Emitter Valves.

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		£ s. d.
D.F.G.	20 amp. Hours intermittent	0 5 6
D.F.G.	45 amp. Hours intermittent	0 16 0

Exide "B" BATTERIES.

Type.	Capacity.	Price for bat. fully charged.
		£ s. d.
W.J.	20 volts, 2,500 milliamp. Hours	1 10 0
W.H.	24 volts, 5,000 milliamp. Hours	2 15 0

All Batteries when discharged can be recharged.

If these cells are not fully discharged and left idle, they will stand six months without sulphating.

N.S.W. Distributors and Exide Service Station:

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SOLODYNE

Further Report from Major Paddon.

Some time ago we published extracts from the log of Major Paddon who set out around the world on the S.S. "Anglo Columbian" taking with him a Solodyne. Here are some notes sent us dealing with the voyage home to England. This is of particular interest in view of our constructional details of the Solodyne in Wireless Weekly 20/5/27 and 27/5/27.

HERE I am safe at home again, and am now going to redeem my promise to send you details of the voyage homeward.

The s.s. Anglo Columbian sailed from Wellington on March 8th, bound for Dunkeirque and Hull by way of Cape Horn; the set was handicapped as I only had 96 volts for my H.T. side instead of 120 volts, but as you will see it did not make much difference.

On March 9th, we had KFON, Long Beach, Cal., 5820 miles, strength R5 on L.S. Jaxx, followed by advertising of suits, etc., sold at 238 W. 6th Street, San Pedro, Cal.; all Australian stations except Adelaide.

Next day was also March 9th. Our dies non; a clear night; we got WBBM, Chicago, 6840 miles—Jaxx, "Old Black Bottom"—signed Cucu; KFBD, Venice, Cal.; KFON, Long Beach, Cal., "Wild Irish Russ"; W19G, Chicago, 6840 miles; also KPFD and KRNC, "Falling Love," "Destiny Waltz."

Further notes were: 1YA (good) 3YA (fair), 2BL (very good), 40Q (good), 2FC (fading badly, modulation off colour), 4YA (bad), 3LO (good, but faint). Up to March 12th ship's position 48-44S, 159-15W, the same thing happened nightly. On that night KFON, Long Beach, was R4 on L.S. at 6040 miles, and WBBM, Chicago, was R5 on L.S. The announcer said: "I wonder how far we are being heard to-night, we are using a lot of power."

I wrote and told him, and that station is now claiming the world's record. What about the Solodyne? This station is owned by the Atlas Investment Co., Chicago, and it certainly was our best station. Whilst on that subject, your 2BL gets out better than any of the others; 2FC is the worst of your lot. In New Zealand 1YA, Auckland, is on its own, with 4YA miles down the coast.

March 16th, KFON, Long Beach,

5140 miles; WIOD, Miami, 5460 miles; WBBM, Chicago, 6120 miles, all on L.S. at R. to 6. Maximum—10. March 17th is our real beauty; look at it: Ship's position—(50.56 S.) (127.36 W.). LOO, Radio, Buenos Aires, 3480 miles—orchestra, Tango. Another station, Buenos Aires, "She Wouldn't Do," R7. CRC, Santiago, Chile, 3060 miles—lady reading, R7. WBBM, Chicago, 5940 miles—Jazz, R6. WIOD, Miami, 5280 miles—Irish selections by band, including "Killarney's Lakes and Dells," KFON, Long Beach, 5160 miles—"Little Grey Home in the West." IYA, 3010 miles—strong, but unreadable owing to static. ZPL, 4080 miles—orchestra, but static bad. Your side of the world was quite thick with them.

March 22nd.—KFON, Long Beach, at 6040 miles; WEBL, Chicago, 5940 miles; WBBM—Static—"Rotten" is the entry.

From then till April 3rd we got all the South American stations, but nothing further from Australasia or the U.S.A. Then we got a church service in English; it was Cape Town; ship's position being 31.55 S. and 45.34 W. at the time.

From the Falklands right up to the Canaries atmospheric made life anything but a joy. Once in a while they cleared a little. On April 10th—ship's position, 6.32 S., 31.58 W.—we got Capetown, 3240 miles—another church service; Johannesburg (JB), 3540 miles—a talk; and LOV, LOO, LOY, LOX, all Buenos Aires, 2340 miles, also Rio de Janeiro.

On April 13th we got an English broadcast—organ and male choir. We were then about 600 miles north of the "line." From then on we got innumerable European stations, but curiously enough only one American, WJZ, New York, 2820 miles. Receptivity in the Pacific is quite ordinary at 6000 miles on the loud speaker. On this side 1500 is a good effort.

On April 24th, we had a last hunt and "bagged" thirty-three stations. Then the bathroom had to be painted out and that finished our work. Our set was installed in the bathroom.

Total Results:—27 countries, 244 stations. Argentine 17, Australia 10, Austria 1, Belgium 2, Brazil 3, British 5, Canada 2, Czechoslovakia 2, Chile 4, Cuba 1, France 11, Germany 12, Ireland 2, Italy 4, Luxembourg 1, Mexico, 3, Norway 1, Peru 1, Poland 2, Portugal 1, South Africa 2, Spain 11, Sweden 1, Switzerland 1, U.S.A. 138, Uruguay 1, New Zealand 4—244.

The set is a bit rusty, but is as good as ever and fit for another "go."

Yours faithfully,
CECIL PADDON, Major.

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The second remarkable Loud Speaker offer! One of the most advanced productions in the science of sound amplification—made by the famous R.C.A. of America. Horn of Fibronite standing 25-in. high.

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Type.	Phil. Voltage.	Phil. Current.	Purpose.	Price.
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U.X. 199.	8	.60	General	7/9
M.R. 4	8 to 4	.1	A special 1/10 amp. general	7/9
U.C. 20.	5 to 6		Special purpose resistance coupling Valve	16/-
			Also U.X. 171 and U.X. 112 Power Valves, for	15/6
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Murdoch's pay freight on all Radio Goods (excepting Batteries), by Post (where accepted) or to nearest Railway Station or Wharf in N.S.W.: Half freight per Interstate. Kindly mention "Wireless Weekly" when ordering.

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(W-M-F)

ZETKAS

"Wireless Weekly," May 27th, page 12, says:—

THE NEW ZETKA VALVES
Tested in the Solodyne were:—
"ABSOLUTELY WONDERFUL
AND SUPREMELY SWEET."

NEW SHIPMENTS Just Landed.

Zetkas are sold at the price of ordinary Valves.

6 Volt (.25 Amp.) type, 11/-

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You can use 150 Volts or more on Zetka Plates.

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A POWER VALVE

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35/- each.

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All Readers' Queries Answered Here

QUERIES

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

BATTERIES (LEADVILLE)—If you carefully follow the Dash Panel Wiring, in one junction with the circuit diagram, no difficulty will be found. Be sure to connect the common wire on the Post Condensers to negative B. The rest is O.K. and very simple to follow.

P.C. (GRANVILLE)—Sorry, there are no copies available. Am sending you one of "Radio" 26 June. Clear of useful information in this issue.

R.A. (WARREN)—No, the loop would not balance up your 3-Gang Condenser. The best is your ordinary B separate unit.

H.A.D. (BLACHTOWN)—See book of "Wireless Weekly" for how to add a stage of Audio Frequency, or ask your dealer for this circuit. I am sure he would give you.

H.H. (TOOWOOMBA)—It seems that you are not getting proper reaction. Increase the plate voltage of the det. valve. The Solodyne will not touch the high wattage of 5WF. Be rid of the leaking coil suggestion.

F.W. Jar. (WARWICK)—Separate your Condenser a little more. If this does not do, try using 60 volts C battery on last transformer, or hook to the 2nd Audio Valve, and see that it tests O.K.

R.W. (WOONONA)—Your charges appear only suitable for charging a battery of 40 volts. Size off 60 volts of your battery; place in use, of battery to you, terminal of charger, and the 30 on charge to 35 at battery 104 volts. Size if 200 can remain on that.

J.J. (GREENWICH)—The operation of the set depends entirely upon you. A 600V Condenser would provide finer tuning.

C.P. (MELBORNE RIVER)—As I do not know the drawings (if any) of the diagram, you are in a sorry state really, say. However, the Solodyne is worth a trial, as it is a very remarkable receiver. Query to article answered previously.

W.A.L. (HARRFIELD)—Any standard Super Het would do. Use spring contacts. The car battery would be O.K. provided there is no sudden change of the voltage as the speed of the car slackens or increases. Always use a separate battery.

R.W. (CAROOM)—The idea you have in mind is quite O.K. Solder worth to keep in tin, and water, due to the ground to a depth of about 4ft. Solder to body of tin, not to handle.

R.R. (ADAMSTOWN)—(1) C.T. is the 1st of Post Condensers mentioned in the 26th May 27th (2) Remove transformer (3) R.F. (1) 600 can be placed across speaker, but it is not absolutely necessary.

C.P. (GOORBY QLD)—The size of another stage of H.F. is not a good one, as it causes another condenser. This would be too hard to tune.

C.H.C. (SOUTH BRISBANE).—(1) No. 14, too hard on the valves. (2) DG-G, K, J, IP-P, and QJ-XL. (3) Follow the instructions in "Wireless Weekly," although the other 4 O.R. (4) Follow the Back of Panel Wiring, only put connection from the common terminal of the three 2mf. Condensers to —B. The Circuit is quite O.K.

"JACK" (MARRICKVILLE).—(1) Stick to the instructions given in "Wireless Weekly." This set has many favourable reports to its credit. (2) To me, the grey wire looks more like No Gauge.

A.H. (BURILDA).—Copies unavailable. (1) Advise the 3-Valve Harkness, as am not too well advised about the other circuit. It seems unfavourable. (2) If you intend making the Kent. Reflex, I should, certainly use Neutrodyne Coils; (3) Use either solid copper or aluminium for shielding; (4) Stick to the circuit given.

P.C.B. (THORNLEIGH).—Try your Grid Leak, and A.F. Transformers. Advise you to see the dealer from whom you purchased the set. He will be only too glad to have a look at it.

J.G.R. (JERILDERRIE).—Neither S.C. or D.C. are needed for the Solodyne. The Harkness Switch is located directly beneath the 3 Gang Condenser. See diagrams.

A.B.P. (INDOOBOOPILLY).—Write Metropolitan Electric, King St., Sydney, and see if they can either construct or supply you with the coil. It should make an improvement. Bright Emitters should work with a little more "punch."

G.E. (BRISBANE).—The crystal detector is a feature of the Hale Reflex, no advice you to stick to it. See copy of 17th Issue for Hale-tee. This is capable of working both Aerial and Loop.

"ANXIOUS" (MARYBOROUGH, QLD.).—The circuit you enclose is quite O.K. and the symptoms you mention sound like a faulty transformer. However, I am sending you a copy of October 26th, "Wireless Weekly," with which I hope you will have better results.

A. McL. (TOOWOOMBA).—Sorry, we have no schedule for either of these stations. Write Bargin Electric, Kent St., Sydney, and Mochler Bros., Bathurst, for the information you require. They will be only too glad to advise you.

"CHELTENHAM".—I am sure you realise, a four valve set to cut out 2FC at the short distance you are from this station, would have to be very selective indeed. As you live in the shock-excitation zone, I am very reluctant to advise anything short of a Super Heterodyne, but I think that, if you are bent on finding the set that will do it, you could not do anything better than a Solodyne. The license number you quote at the foot of your query is of no use to us, as we have no way of checking the numbers.

E.P. (DULWICH HILL).—The receiver you mention is just a little out of date, as it was described in "Wireless Weekly" before 2FC changed to its lower wavelength. Although this set was found excellent at the time the description was given, I am afraid that you will not have much success with it now. Advise you to see the Evening-Drake in "Wireless Weekly" issue of 27th May.

A.H.C. (UNDERCLIFFE).—The Harkness two-valve Reflex has very many favourable reports to its credit, both on local and interstate stations. Advise you to recheck your wiring and look to your various methods of coupling for some leakage.

E.W. (BURWOOD).—A stage of R.F. to your present set will not amplify the volume to any extent. It will only increase the selectivity. As your set appears to be quite selective, I would not advise you to add R.F. A stage of audio will improve your present signals without broadening the tuning.

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



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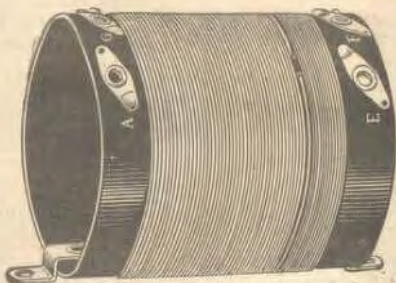
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