

WIRELESS WEEKLY

Broadcast Programmes a Week in advance

VOLUME 10

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

NUMBER 11



Maurice Dudley at the 3LO Microphone

Friday, July 8, 1927.

Price Threepence

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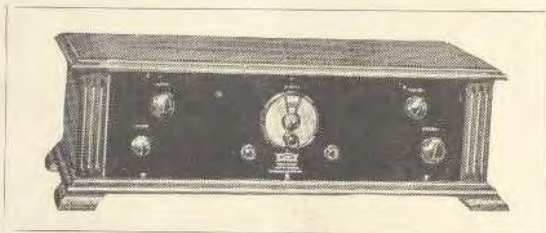
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WIRELESS WEEKLY

VOL. 12, No. 11.

FRIDAY, 8th JULY, 1925.

International Broadcasting.

CONSIDERABLE attention has been focussed lately on re-broadcasts of transmissions from stations in Europe and America. The actual results of the re-broadcasting may not have been all that was desired, but the events compel a consideration of the possibilities in store for us. These international broadcasts are a direct result of the success of working in wavelengths below 100 metres. Attention to that region of radio frequencies in broadcasting has grown up steadily during the past two years.

The amateurs in various countries, but particularly in America, may not unreasonably be called the pioneers of short wave working, and our Australian amateurs hold their own with their colleagues in other countries. Owing to official restrictions on the use of particular wavelengths reserved for other purposes, the amateur wave band was gradually pushed down below 400 metres. The amateurs surprised themselves by finding out unexpected results in their experiments. First with telegraphy signals and later with telephone transmission. The distance over which communication was established, gradually increased until Australia to England or to America calls became usual events. It must not be assumed, of course, that the amateurs were doing all the work in the fruitful field of short waves. The experimental and research sections of large radio co-operations and Government departments undertook the study thoroughly. The results that satisfied amateur workers naturally would not do for commercial working and intensive research was undertaken.

It was found that many difficulties, some of them apparently insurmountable, were encountered. But while the research studies confined the current practicable uses of the short waves were demonstrated, commercial working of telegraph services over extreme distances was inaugurated. The Beam service from England to Australia

and to Canada are examples, similar services will shortly be opened to India and South Africa. Whilst it was found that the short waves were subjected to very much less interference from atmospherics than were the usual long wavelengths, the investigators were, and still are, baffled by the strange behavior of the short waves, the fading and distortion effects were noted as grave difficulties, and these obstacles to continuous and reliable working were more serious on telephony than on telegraph signalling. The effects of fading are known to many listeners. They are experienced in listening to all broadcast stations, and vary according to the wavelength used, and the distance from the station. The effects are worst on the ultra short wavelengths used for very long distance communication. These difficulties, like all obstacles to scientific progress, are there to overcome, and the extraordinary progress of radio development in recent years gives one the hope for early victory by the scientific workers.

One great difficulty is the difference in time, say, between that of 21.0, London, and 3.0, Melbourne. London time is ten hours behind Melbourne time. A greater disparity exists in Australian and American time. It is not encouraging to listeners to have to get up at 3 a.m. to listen to the re-broadcast of an American station, for instance. Thus we see that some form of storing the received energy is necessary. It will be possible, no doubt, to receive a station like PCJJ, Holland, on WGY, New York, at 3 a.m. and take some kind of phonograph record which will be transmitted during the usual hours of broadcasting by Australian stations. When that difficulty of the disparity in time is overcome by some such arrangement, and the technical deficiencies of fading and atmospherics (re-broadcasting them is no pleasure) have been corrected, then international broadcasting will be satisfactory.

Catching Up with the Wireless World.

By R. E. CORDER.



CORRESPONDENCE received in the latest English mail expresses disappointment over the abandonment of the wireless chess match begun between Members of the House of Commons and of the State Legislatures of Australia during the opening of Canberra.

THE TOURNEY was opened by the British Prime Minister and by the Duke of York at Canberra, and during the early moves all went well. Later, however, trouble developed on the land-line between Canberra and the beam station at Rockbush, with the result that the intervals between moves became too long to be endured. Finally, the contending parties agreed to a draw.

CRIPPLED DIGGER WRITES: Here is how one listener writes about broadcasting. His letter is addressed to Win and Winkle, entertainers, who have been broadcasting from Station 2FC, Sydney. "My pal, a blind soldier, and I spend a good many waiting hours listening to the broadcast programmes. I have a relic from the war in the way of a broken back and paralysis, so you can imagine that a bit of humor is about the best thing to make us forget. So here's to you and yours. May you live long to make a good many more hearty laughs." The writer's home is at Balmoral beach.

MELBOURNE has its own particular institutions, cable trams, the Yarra, and Mr. Clapp's slogans. But none of these plays such a distinctive part in Melbourne life as the descriptions of wrestling bouts from the Stadiums. "Did you listen in last night?" is now the inevitable Sunday question. Old and young men and women are to be found in front of the loud speakers or glued to the ear-phones every Saturday night. But now there is much consternation. "I.O. Melbourne, is unable to state definitely whether the Stadium authorities will allow the broadcasting every week, and it is not until the last moment every Saturday that the decision is made public. Listeners are signing petitions and pleading for the continuation of the descriptions.

TESTS WERE MADE recently to determine whether solar eclipses have any effect upon wireless transmission. If it is found that they do, one thing, of course, is certain—there must be no more solar eclipses.

Oh my days are filled with happiness!
And my nights are filled with joy.
Since my husband has a Radio
He is like a happy boy.

For a while he sits and listens,
To the things that he likes best.
So his wife no longer troubles—
And her soul is finding rest.

Before he bought that outfit
That brought this joyous change
In the evenings he was restless
As a cold iron off the range.

He would read and fume and sedge,
Till his nerves were all a wreck
And I felt a private yearning
To take him by the neck.

At the clock he'd sit and grieve,
"What's the time; is it that late?"
Can it be that clock is running?"
How I longed to crack his plate!

But no longer does he sedge,
For I do not angry grow
For this, the honour reason,
... has a Radio now.

AT THE ANNUAL MEETING of the Marconi International Marine Communication Co., at London, the general manager said it was hoped that merchant ships would soon be permitted to use the Auto Alarm, which has been the subject of experiment for several years. The Auto Alarm gives audible warning when an S.O.S. is received, and thus dispenses with the need for constant watch.

BRITISHERS found great delight writing epitaphs for the demise of the late British Broadcasting Company, which was promptly followed by the new organization. One of the snappiest follows:

In memory of the B. B. C.
Born of a great demand,
Died of the same.

Here is a wise crack at the alleged backwardness of the late lamented: Company rash, except the fate Of one extremely out of date. For though you lived in years A.D. You never ceased to B. B. C.

ALTERATIONS TO 5CL'S STUDIO: Following the most modern trend in broadcasting studio construction, alterations have been made this week to the fittings and furnishings of 5CL's studio in Franklin Street, Adelaide. The alterations are expected to give greater clarity and more life-like reproduction to the transmission.

MISS AUSTRALIA: Miss Beryl Mills' talk from 5LO last week was one of the "hit-bits" of the month's programme. Miss Mills talked with interest on her travels and observation and humor, together with a clear speaking voice made her appearance an entertainment rather than a talk. Miss Mills visited many first-class studios during her American tour, but stated that 5LO was superior to any she had seen.

ALTHOUGH MANY LISTENERS to the Australian broadcasting stations prefer "talks" on various subjects to the music and other entertainments no instance has yet occurred in Australia equalling the result of a recent "talk" broadcast throughout England by the British Broadcasting Corporation. On April 8 last Sir Berkeley Moynihan broadcast a "talk" on the work of Lord Lister by whose researches antiseptic surgery was made possible.

SO MUCH IMPRESSED was Sir Charles Hyde, an English newspaper proprietor, by the romance of Lord Lister's achievements, that on the following day he telephoned to the B.B.C. stating that he had decided to endow a bed in each of five Birmingham hospitals in memory of Lord Lister. The gift, amounting to £6,000, is probably the largest by-product of a broadcast "talk" to date. At the same time it can be borne in mind that about 50 hospitals in New South Wales have been equipped with radio not precisely as the outcome of any particular "talk," but because the general programmes of the broadcasting stations have been found of great value in helping invalids to recover their health.

What Women Want by Wireless

By DOROTHY JORDAN

(Announcer 2B1.)



Mrs. Jordan.

dear man, there's a lot you don't know! Realising that there is not a woman alive, truly alive, who is not interested in frocks, "Fashion Talks" fill in no small part of our programme, and as a result tables are strewn with patterns and flimsy materials, and the woman who sews is deftly limpy.

Rain storms and cyclones will find weak spots in the ceilings and walls, leaving ugly stains behind; but why

worry, when a letter to the Women's Session brings a speedy response and advice which, being followed, there is no sign of the stain, but our pretty room is restored to its former beauty.

To get variety in the menu is no longer a matter of concern for the little housewife, "Preserve Making" presents no difficulties, many perplexities are removed as the result of again writing a little note to the radio station. The listeners are quick to perceive that the lecturer brings to her work an unflinching interest and boundless enthusiasm. Father is tickled to death when he comes home and finds little Mary has made a new pudding "from the air." One listener says that the children's rooking lesson is not only simple, but the food is good for the children to eat. And so the work of the Women's Session goes on, each week growing in interest, increasing in value and appreciation, and one feels amply rewarded from the outward manifestation and the inner consciousness that women listeners are being helped to build stronger bodies, better homes, and incidentally more virile Australasians.

Women of the radio audience who are perplexed over any matter of home service are welcome to our assistance and invited to communicate with us.

Sometimes letters come from brave women outback who are battling to bring up a young family against such great odds as drought, heat, flies and the terribly great loneliness of these places. For days at a time the only

women's voice these settlers hear is that which comes from the Broadcasting Station. It is easily understood how eagerly these women look forward to the talks from the Women's Session. It will not be divulging a secret to say that the announcer keeps a very warm spot in her heart for her outback friends.

That the interests of a woman announcer are many and varied goes without saying. She must be in possession of a great amount of general knowledge which is conveyed to her audience in an entertaining and interesting manner.

An ability to express herself clearly and simply also is essential. The subject matter should be of interest, not too technical and treated in a sympathetic manner.

Undoubtedly one's personality goes over the air, and to be successful the radio lecturer should have the faculty of building up an audience and beseeching respect with it. One's attitude being rather that of a fellow student than an instructor, always bearing in mind that details that may appear trifling to her are often matters of great moment to her correspondent, and should be treated accordingly.

Above all, cheerfulness is a quality which all announcers must possess in abundance. Gloom is a contagious disease and should never be allowed to "pollute the air." She must always give of her best, an insincere word would at once be detected.

One always feels at one's best when speaking to children and young folk. The Saturday morning chat where the little ones are instructed in the simple art of cooking being one of the most enjoyable.

Wireless is as yet in its infancy, but a great future may be predicted. Educationists are taking wireless into their calculations as a medium for instructing the young. Architects are admitting that a wireless set is a necessity in the home. Playwrights are adjusting their plays to suit the radio audience. A new style in literature is growing up which owes its theme and style to Radio. Anyone who has vision can see where radio can create and maintain a new international spirit, so that fraternal relationships will be established, and, who knows, the use of radio may be a means of ushering in a world peace.

MOKE perhaps through the microphone than by any other medium is the effectiveness of the spoken word felt.

A message over the air is to the woman listener a personal one, more especially if that message be an answer to a request from herself to the lecturer. By this means a bond of sympathy is immediately established between the lecturer and the woman listener which increases as time goes on.

The response to the helpful interesting discussions and talks over the air prove the fact that women are keenly interested in radio, and realise the value of information broadcast by the lecturer who specialises in some particular line of homecraft.

The mother is alive to her responsibility in regard to such matters as child welfare, with its many aspects incidental to infancy, the many reasons why a baby cries; the teething period; the increasing weight; when the child should sit up; say his first word; take his first step. As the child grows older advice is given on the care of the teeth.

A listener writes in great distress about her increasing weight, whereupon a lecturer is secured who will broadcast a series of talks on "Diet as an enemy of Obesity." Then hey, presto we are deluged with letters from the radio fans keen on reducing the waist line. One hour sports and caustic remarks from the mere man who wonders why the lecturer chooses a talk weekly on "Toilet Hints," but

The Safety Valve

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



MICROPHONCIER.

Dear Sir,—In "W.W.," 24/6/27, and under the heading "A New Title Required," a suggestion is made that listeners might evolve a suitable term to give the official fulfilling the functions of a describer of passing events for broadcasting. Obviously Describer and Announcer are unsuitable terms, but could not such a person be called a "Microphonicier," and their talk "Microphonicities"?

These are rather long words, I admit, but they certainly sound better and fit the function better than the words used at present.

Yours, etc.,
R.M.E.

Maroubra.

SINCERE.

Dear Sir,—Super Displeased reply to hand (Safety Valve, "Wireless Weekly," 9/6/27), and I am very sorry to say that I find Super Displeased so inconsistent. In his first letter to the Safety Valve, he was condemning the programmes of the various Broadcasting stations throughout the states, but particularly 2FC and 2BL, but now he turns the subject on to conditions, and what I want to know from him is, "What have conditions got to do with the quality of the programmes?"

He also says something funny about having a Super Hot. I am also well aware that there are plenty of others sensible enough to own a Super Hot, and I am also going to tell him that if I did go to Lithgow with the Super-Hot, I would not growl about the programmes, but would concentrate on "condition" at Lithgow. My statement concerning poor sets was sincere and made in good faith, but what I was trying to convey was, that I am super pleased about his programmes and not sets that will not function as they are supposed to.

I would advise Mr. Super Displeased to read Mr. W. H. Williams' letter (Safety Valve, "Wireless Weekly," 10/6/27) and digest it; there may be something in it that would apply to Super Displeased's case.

Yours, etc.,
SUPER PLEASD.

Townsville.

DANCE NIGHT.

Dear Sir,—It is astonishing that such a popular broadcasting station as 2BL should let the majority of its listeners-in down, as it certainly did on the night of June 19, for which time, as you know, a State-wide dance programme was advertised, including Station 2BL. You can imagine the chagrin, after organising, in good faith, a radio dance in aid of the local hospital, to tune into 2BL only to find that a fight was in progress. I must take the opportunity here to express my opinion re the broadcasting of fights.

If wireless receivers could be had for a few shillings, well then I would be compelled to admit that the majority of listeners-in would favor a fight, but as it is, the majority of the class of people who own wireless receivers to-day certainly prefer something more pleasing to the ear.

In conclusion, might I make a suggestion re the broadcasting of a dance programme. Dance music should be continuous from eight o'clock till such time as the station closes down. The music being continuous, or continuous as far as practicable, would allow the various wireless receiver operators to regulate the dances as they thought fit. Now, for instance, Station 2FC, though they carried out their programme faithfully, would be enlightened if they were told that the majority of the dancers agreed, that the dances were too short, and the intermittent items too long, which made the evening appear more in the light of a concert, interspersed with dance music. As an instance, it was impossible with 2FC's programme, to run a chocolate dance; on the contrary, if the dance music was continuous, as I have already suggested, this would be simple.

Trusting both my complaint and suggestion, coming as it does from an outside point of view, should be of assistance to your already popular station.

Yours, etc.,
A. S. WOODS.

Lismore Electric Co.,
Lismore.

YANKEE DOODLE.

Dear Sir,—I would like to know the reason 2FC and 2BL do not relay broadcast programmes from other American stations beside KOA, KGO, WGY, etc. There are numerous other American stations, I am sure, who would be only too willing to broadcast to Australia. Then we should have more variety in our programmes, and there would not be so much "growing" about their quality.

Surely either 2FC or 2BL could arrange an American re-broadcast at least two nights a week. We Australians, if only for educational purposes alone, would like to know what is happening on the other side, also their ways of living, their ideas of the arts, etc.

Yours, etc.,
"AMERICANIZER."

Rockdale.

TOO OLD.

Dear Sir,—Reading this week's letters, I am forced to come to the conclusion that the so-called "Ancient" Fans at Moss Vale, etc., are just a little too ancient. Do they think that 2FC specially reserve a portion of their transmission for them and make it "mushy" just for their benefit? If the transmission is at fault, then nowhere would reception be any good. Is their misfortune that they happen to be situated in one of those mysterious "pockets" which, whilst allowing splendid reception on some wavelengths, and from some directions, seriously hampers it on others.

Do they then, want 2FC's engineer to shift Moss Vale and Goulburn to some more fortunate place? Or perhaps they could do it themselves. Or better still, stop growling. Give the poor stations a rest from being blamed for atmospheric conditions, and make the best of it. I wonder if "Moss Vale" ever read of the exhaustive tests made by SLO a year or so back on this identical question?

In conclusion, let me say that, after hearing some of the American and English programmes, Australian are far away ahead in every respect.

Yours, etc.,
SPENCER C. G. MOON.

Sydney.

3LO and Athletics: 2LO and a Blackbird

By Our 3LO Correspondent

A GOOD portion of my existence is taken up in wishing I were somebody else. I have just been looking at a beautiful little model of a microphone. It stands peckily on an ebony stand, on which a silver plate, in a highly furnished state, as though inflated with pride, announces that it belongs to one, Alfred J. Watson, for breaking a record. I want to break a record badly, for I understand that if in one 3LO wants broken, it will give one of these microphones to mark its appreciation. To anyone who can bash another harder than has ever been done before in this country, run faster over a given distance, jump higher than hitherto shown to be possible, swim faster, and so on, a 3LO Cup will be given. Only it isn't a Cup, it's a microphone. Possibly there is something symbolic in this, since an athlete's modesty is proverbial and a microphone magnifies the blarney which is all that a record-breaker ever permits. Anyway, it is to commemorate the fact that last February, Watson ran the 440 hurdle in 24 and nine-tenths of a second, that the Cup is to be presented on July 12th. No less a personage than the Victorian Chief Justice and Lieutenant Governor, Sir William Irvine, is to perform the ceremony. Incidentally, it will be the first time, I believe, that the Chief Justice has been invited before the microphone. He should prove a very good announcer, for he has a measured voice, slow, his words well-fused and very distinct. Also he is very interested in the subject of amateur athletics and will probably spruce himself.

From London via Holland.

What a blasé people we are! The marvels of yesterday are truly the commonplace of to-day. I believe that if communications were established with Mars we should be looking on it as quite ordinary even before a regular news service has been arranged. Nothing could well have been finer than the last transmission from London via the Dutch Station, yet people who heard it took it quite as a matter of course. What gave occasion for wonder to those who understand enough of wireless to know the difficulties, was the ease and celerity with which the change-over to 2LO was made by Holland. "We are now changing over to 2LO," said the announcer; and lo, the next second there came the familiar strains of that favorite piece of music of the Duke of York (or was it his

Duchess?) "Rye, Rye, Blackbird." Not a note of the famous bird was missing. Then 2LO announced a change-over to Daventry, the high-power station, and there came more music, as clear as if played in the room. It was the booming notes of Big Ben, that symbol of the Cockney that really emphasised the fact that London itself was annihilating space. After that, with equal ease, Holland announced it was changing-over to Paris, and the French station came on the air. A little later, the big Berlin studio music was heard. Alas! Will not composers increase their output faster? From three of these stations, I am told, the strains of "The Waters of Minnetonka," musically not worth such international repetition, were heard. At the best, a paragraph in the morning paper chronicled briefly the extraordinary and increasing success of this triumph of broadcasting and re-broadcasting. A propos, I laughed when I heard of a dear old soul who remarked to a friend that "it was wonderful what you can do with these here little crystal sets nowadays." I set in my room this morning and heard London as clear as clear, and they was trying to persuade me to go in for one of these big contraptions.

Wanted—A One-Act Play.

3LO is just about to announce its conditions for its competition to get a Prize One-Act Play. I understand that the first prize will be £10/10/-, with two other prizes of £5/5/- and £3/3/-. I feel a fatherly interest in this contest, and would like to go in for it myself, having strong views on the subject, but I know that if I were unlucky enough to win it, no human power could take away from my fellow-creatures the enjoyment of thinking the worst of me and 3LO. Competitors have the month of July to work out their ideas. Plays should not take more than 20 minutes to perform, and every moment should be indicated in the dialogue, or follow as naturally that the unseen listener may follow the action clearly. The dialogue should contain all the drama necessary. I would advise competitors to think of some exciting episode, of a dramatic nature, which can be told by one man or woman, with the aid of another character to brighten the interest. The whole purpose of the competition is to encourage ingenious writers to make experiments in what must be a new technique of playwriting.

ASHTON JARRY: "A Life of Pleasure" was the first show in which the well-known English actor, Ashton Jarry, faced the public, but as he explains himself, "Since then I have found that the theatrical business is a life of hard work, and I hope that my first venture into broadcasting will not prove so strenuous as my early days on the stage."

Ashton Jarry, who has been engaged by 3LO, Melbourne, to present a series of elocutionary and monologue entertainment, has been featured in many important Australian productions. He first came to Australia in 1917 with Miss Ada Reeve in sketches and playlets. Later he joined Marie Tempest as leading man, touring through India and the Far East with that famous actress, and accompanying her on her return visit to this country. One of his notable performances is that of Mr. Pim in "Mr. Pim Passes By." Ashton Jarry was also in important roles with Mr. Lawrence Grossmith's productions. His last appearance in Melbourne was with Guy Bates Post, whom he accompanied to Africa on a recent tour. During the war Ashton Jarry turned an expert mechanical knowledge to good account and established his own munitions factory. He still carries munitions lather around with his baggage, so that if there is a break-down at 3LO during Ashton Jarry's season, the staff will have the first-hand assistance of at least one expert.



"Burgess" spells "Quality; Life; Service."

Broadcast Talks — Good and Bad

An analysis of the requirements of the radio speaker.

IN listening to talks and lectures at various stations one often wonders what are the factors that make for a successful radio talking voice. We have had so many talks and heard so many talkers by now that we are able to detect the good talkers—the ones that please and satisfy—and the ones that we don't want to hear again.

It is now universally conceded in the radio world, that not every successful platform or pulpit speaker is necessarily a satisfying broadcast talker. The new art demands conformity with certain requirements that are not essential in public speaking as ordinarily understood.

First Requisite—A Natural Voice, Carefully Enunciated.

One usually recognizes the man who is making his "first appearance" before the microphone. Even allowing for the fact that in the chain of changes, electrical and mechanical, between the microphone and the loud speaker, every speaker's voice undergoes some change—appears to be different to his normal speaking voice—the beginner seems to be under the spell of his new and unnatural surroundings. It may be "Microphone fright" or the strangeness of the experience; whatever it is, listeners can tell that there is some restraint exercising an influence on the speaker.

He probably has been advised by some well intentioned friend to speak slowly with the result that he speaks too deliberately, and if he is reading his "talk," forgets to make some attempt to disguise the fact that he is reading. Any talk or speech delivered too deliberately is not pleasing, and the speaker fails to introduce the very useful note of his own personality.

One would consider that the successful and satisfying speaker is he (or she) who, while carefully enunciating every word, yet retains his own note of naturalness. That naturalness cannot be conveyed pleasingly if a constant effort is made to articulate every syllable with meticulous exactness.

The Speaker Should Convey His Personality.

With ordinary care in enunciation, strict attention to the usual requirements of inflexion and modulation of

the voice and by not speaking too loudly, the speaker has a better chance of achieving what he and the listeners desire—to produce so much of his naturalness as the broadcasting system will permit, in the room where the listeners are seated.

The broadcasting system—in all its ramifications—can reproduce the speaker's personality.

Prevent Interfering Sounds.

Many speakers mar an otherwise satisfying speech or talk by not endeavouring to prevent objectionable sounds from being broadcast with their voices. Badly controlled breathing frequently introduces an objectionable effect. It can, to a certain extent, be prevented by not speaking too closely into the microphone. Coughing or clearing the throat also are capable of elimination, or at all events of being minimised so far as their effect on the microphone is concerned. Likewise, the turning over of sheets of paper on which the speaker's notes or complete talk is written, causes the microphone to send along to us undesired noises. Speakers can never afford to forget the sensitive watchfulness of the microphone.

Talks Should Not be Too Long.

A frequent fault is the case of the speaker who is "intoxicated with the exuberance of his own verbosity." A long talk, unless it be of very special attractiveness, is worse than a long

sermon. Long sentences are, in a minor degree, also worth avoiding. Particularly is this so in reading a talk when the talker (reader) thinks more of the niceness of his articulation than of the sense of the passage he is reading.

Sense of Responsibility Should Never be Forgotten.

Every speaker, or singer (particularly the comic singer) for that matter, should constantly realize the responsibility which he undertakes in speaking before a live microphone. The extent of his audience, its diversified character, the capacity for influencing people, and especially young people, which he may exercise through the broadcasting service, if properly realised, are indeed sufficient to produce microphone fright.

Of the speaker whose voice is unsuitable for broadcasting, one need not say any more than it is fortunate that the studio managers do generally exercise their prerogative.

BACH'S MASS IN B MINOR: The Postal Institute Choir of 180 voices, under Mr. Geo. England, will render on Wednesday, 6th, at the JLO, Melbourne, Studio, the magnificent Mass in B Minor by Bach, which created so favourable an impression when recently rendered elsewhere by this fine choir. A full orchestra will provide the accompaniment and this is one of those rare treats of stately music that everyone should learn to appreciate.



The Four Waifs whose quartette work is one of the best features of his kind in the 2FC programmes. Left to right, S. Lyons (1st tenor), W. Wall (2nd tenor), C. Ross (baritone), N. Marshall (bass).

It's All in the Air

Coming Features in the
Broadcasting Programs

RAYMOND ELLIS: Sings at 2FC Studio on 12th July. A further appearance is set down for 18th July, and his final appearance will be made on 26th July.

HARRY THOMAS will give a talk on modern ballroom dancing from 2FC on 1st July. His wide experience and artistic ability add materially to the interest of the series of talks 2FC are arranging.

A FRENCH TALK from our old friend, M. Maurice Byrn, will be given from 2FC Studio on Monday, 11th July. On the same evening, that much travelled and interesting raconteur, S. H. Bowden, will talk on "Old Chelsea."

THE VICTORY THEATRE has a very good name for the popular yet high standard of its musical programmes. ZLO, Melbourne, will again broadcast an evening's entertainment from that source on the 13th of July.

STANLEY GIBSON, VIOLINIST: Lovers of violin music, who are undoubtedly numbered among the majority of those who listen-in to broadcasting, were afforded a special treat on Saturday, 2nd July, when Stanley Gibson, the well-known Melbourne player and teacher of the king of instruments, performed several pieces for ZLO, Melbourne.

LINDSAY BIGGINS, the gifted young Australian pianist, whose first recital recently given from ZLO, Melbourne, was heard and appreciated by very many listeners-in, and who is shortly to proceed to Germany and other musical centres to pursue his studies, will give his second and final recital from ZLO's broadcasting hall, on Monday, 11th July.

SOMERVILLE SONG CYCLE—"MAUD." To be heard from Station 2FC on Monday, 18th July. Although this cycle was written twenty years ago, it is distinctly modern in its treatment, and nothing more different can be imagined from Somerville's melody in the famous verse, "Come into the garden, Maud," to words by Balfe, for instance. The cycle is being produced by Madame Emilie Marks, and the assisting vocalists will be Donald Mack, baritone; Fred Hartman, baritone, and Wilfrid Thomas, basso. Enid Hynes will accompany.



Sydney Callard, popular
2FC Artist.

ORGAN RECITALS: Arrangements have been completed with the Sydney City Council for a series of midday organ recitals to be broadcast from Sydney Town Hall on Monday of each week, between 1.15 and 1.50. These recitals are arranged mainly for the benefit of business people, who are free during the hour between 1.0 and 2.0. The first of the series will be held on Monday, 11th July. The organist will, of course, be Mr. Ernest Truman. So listen in, 2FC lovers of organ music.

EDITH HARRY: Welch composer-pianist, is in Sydney on one of her frequent visits. This charming little lady makes a point of giving a recital in Sydney on each occasion of her stay here, and presents a number of her own compositions. She is well known in the musical world by reason of the many little songs she has written, and has had published for children. She has on several occasions broadcast these from different stations in the Commonwealth, and in England. On Friday, 22nd July, she will give these songs from 2FC in the Children's Session, appearing later on in the Evening Session, and from the King's Hall, on Wednesday, 27th, items from her recital will be broadcast. She will on this occasion be associated with Wilfrid Thomas, basso; Moore McMahon, violinist, and the Hurlstone Park Choral Society.

ALFRED O'SHEA returns from a very successful tour of the Northern Rivers, and sings from 2FC on Friday night, 22nd July.

"THE ARCADIAN" will be produced by Mosman Musical Society, at Mosman Town Hall, on Saturday, 16th July. The 1st Act will be broadcast by 2FC on Monday, 18th July, and the 2nd Act on Thursday, 21st July.

"THE MERRYMAKERS," Ad. Cree and his merry band will amuse 2FC listeners on Saturday, 23rd July, with quips and jests of the newest order. His artists include, R. A. Bartleman, Mabel Batchelor, Gus Dawson and W. Nott.

A NEW BASSO has arrived in Sydney, and will be heard from 2FC, in the person of Percy McKay, an Australian, who has been for some years in England. He has sung for ZLO a number of times, and on several occasions has given successful recitals. Mr. McKay has a voice of the Peter Dawson type, and, which is so necessary in broadcasting, perfect enunciation. His first appearance has been set down for Saturday, 23rd July.

HOCKEY: The visit of the English Women's Team to Australia has, of course, created a lot of interest, and listeners will hear for the first time a description of a sporting event by a woman announcer, or should we say, "describer." The English team play N.S.W. at the Sports Ground on Saturday afternoon, 9th July, and the 3rd Test Match against Australia will be played on Saturday afternoon, 16th July.

"WHERE TO FISH" is the title of a new series of talks from ZBL, giving latest information on "The Fishing Prospects for the Week-end." Broadcasters' All-Sports Expert will be in charge of the lecture. He has an intimate knowledge of all the Coastal "grounds," and is in a position to talk on all suitable areas on a sport that appeals to many thousands. The titles at Sydney, Woy-Woy and on the South Coast will be announced in conjunction with the lectures. This is the first time that a fishing talk has been arranged for over the air. The Station has also made arrangements for a talk on "bowls," the first of which began on Monday, July 4. Broadcasters' All-Sports Expert will talk on the "Pioneers of the Game," and many of whose ages vary from 50 to 80. Bowls is a fascinating sport for both young and old, and the young champions will also be mentioned in connection with the lecture.

THE CHIEF JUSTICE TO SPEAK: On Tuesday, July 12th, Sir William Irvine will, in the language of the after dinner speakers, "have a pleasant duty to perform," which will be to present the 3LO Silver Sports Cup to Mr. Alf. Watson—the young amateur sportsman who has succeeded in breaking the Australian record for 440 yards hurdle racing. During the last year or so, this young athlete has made astonishing headway. It is an open secret that Mr. Watson will possibly be chosen to represent Australia at the next Olympian games, and in anticipation of this eventuating, 3LO have much pleasure in wishing him success.

NEW DANCE BANDS FROM 2FC: Cyril Coy and his dance orchestra will be heard from 2FC on Friday evening, 8th July. Mr. Coy has been conducting a dance orchestra for the past sixteen years in Sydney, and specialises in playing the old melodies in modern dance time.

A new combination of synopsators headed by Al. Jack has been booked by 2FC for a series of appearances on 6th, 13th and 20th July, playing under the title of "Al. Jack's Crackerjacks." The same combination will be used for the State-wide radio dance night, on Tuesday, 26th July.

SOCCER AND MUSIC: Devotees of "soccer" and the allied codes of football in general, have expressed their delight at the breezy, enthusiastic and accurate manner in which the recent Important International Soccer matches have been broadcasted from studio 3LO, by Mr. R. H. Owens, who, besides doing the soccer "write ups" for a morning newspaper under the "don't do plume" of "Linesman," finds time not only to broadcast descriptions of the various matches, but to arrange delightful Welsh nights at 3LO in conjunction with the Gwalia Quartette Party—which have been much enjoyed and appreciated by listeners since their inauguration a short time ago.

NEW ARTISTS FROM 2FC: Lawrence Broadbent, basso cantante; Win and Winda, English entertainers; W. B. Bowyer, basso; Fossie Braikell, soprano; Dr. Charles Jarman, organist; Bertha Warren, soubrette; Eily Eckford-Martin, soprano; Herbert Brown, cornettist, Foez Sinotte, soubrette; Eilbea Jackins, contralto; Alison Dale, soprano; Eric Harrison, entertainer; Percy McKay, English basso; Norah Nixon, soprano; Leonore Jarman, soprano; Donald Mack, baritone; Harry Croft, baritone; Gus Dawson, entertainer; Al Jack and his Crackerjacks; Cyril Coy and his dance orchestra and Lance Kennedy, flautist.

AS A RESULT of reorganisation and new policy 5CL hope to have 37,000 licencees in S.A. by Christmas. The first act was a staff round up with a brusque reminder that the best time to commence work is 9 a.m. Ideas are pouring in, with the result that just sorting and checking them is a man's task. Under the new regime everybody is working as if it were a personal honour to lift those licencees up, and they have been greatly cheered by the news that the next list will show a total approaching 17,000.

THE HAWAIIANS AGAIN: According to the large number of letters we have received from a wide circle of young ukelele and steel guitar "fans"—there seems to have been something decidedly missing in the programme (from their point of view) since Frank and Francis Luiz departed from studio 3LO to fill other contracts. These listeners, together with many others, will welcome the news that these delightful entertainers have again "signed on" at studio 3LO, and the dreamy strains of the Hawaiian steel guitar, the fascinating haunting "strum" of the ukelele, and the tuneful vocal descriptions of "Hawaiian Moonlight" will once again be on the air.

ETHER THRILLERS AT 5CL: Everyone has heard of the celebrated Grand Guignol dramas, but only a favoured few have had the opportunity of hearing any of them. Those who have weak nerves are advised not to listen to these plays, but for the lover of thrills they are a veritable feast.

WHEAT MARKET REPORTS: Arrangements have been completed by 5CL to pick up an American station which broadcasts the full details of the world's wheat markets. As this station gets its information as it were, "Straight from the horse's mouth," listeners will have advance information which must be of vital interest, concerning operations in the greatest cereal markets of the world.

SYDNEY PAPERS have given a good deal of publicity lately to the correspondence under the heading of "Contemporary composers," dealing with the activities of the British Music Society, which has for so many years endeavored to present modern works by young British composers to their patrons. They were far-seeing enough to realise that broadcasting would be of benefit, and some time ago made arrangements with 2FC to put their monthly concerts on the air. Lovers of good music who are listeners—and their numbers may be greater than is generally thought—look forward to these classical treats. The next evening to be devoted to one of these concerts is Tuesday, 19th July.

UNIVERSITY CONSERVATORIUM CONCERT: During this week we are to have another of the enjoyable concerts arranged by the University Conservatorium, under the direction of Professor Bernard Heanz. As is usual on these occasions, the programme will consist of vocal and instrumental selections from the works of the great masters, together with a brief concise little talk, descriptive of the composer, and other items of keen interest to musical listeners.

THE PREMIER FOUR: The return of this quartette with its varied repertory of Old English Gleees, Southern Plantation Melodies, and other part songs will meet with favor from those who heard them broadcasting from the old studio, as well as those who are now about to hear them for the first time. Such a quartette party is always acceptable in any evening's entertainment, and this particular party does its singing very well indeed.

ROYAL SYDNEY APOLLO CLUB. Occupies a very definite place in Sydney's musical circles, and their quarterly concerts in the N.S.W. Conservatorium are very well patronised. Their next broadcasting engagement with 2FC is on Monday, 11th, from Faling's Concert Hall, and the whole of their concert from the Conservatorium on Wednesday, 20th July, will be broadcast. This choir of 100 male voices is conducted by Arnold Mote. Artists assisting on 20th July are Madame Emily Marks, Alexander Sverjenaky and Brunton Gibb.

3LO LECTURES: The lecturers at 3LO, Melbourne, against whom so many witty newspaper correspondents cross so many quixotic pens, nevertheless, continue to arouse considerable interest among quieter members of the broadcast audience. It is not only the old folk at home who enjoy many of these talks, since even the young appreciate information on subjects which the lecturers have made their own. The regular Sunday afternoon addresses from Wesley Church would be sadly missed were 3LO, Melbourne, to yield to pressure from one side, just as much as Saturday night's wrestling would be missed from another side. 3LO, Melbourne, besides giving an audience to special lecturers, also has its regular staff, The Children's Four, Billy Bunny, Mary Gumleaf, Miss Kookaburra, and Mary. Mary, are, of course, past masters and mistresses of stories for children, while other lecturers for adults show no signs of diminishing popularity among those who believe life to be something more than beer and skittles.

KILOCYCLES TO METRES, OR METRES TO KILOCYCLES.

Meters.	Kilocycles.	Meters.	Kilocycles.
10	2380	510	587.8
20	1190	750	400.0
30	829	900	333.3
40	750	1050	285.7
50	690	1200	250.0
60	650	1350	222.2
70	623	1500	200.0
80	600	1650	181.8
90	583	1800	166.7
100	570	1950	153.8
110	555	2100	142.9
120	542	2250	133.3
130	531	2400	125.0
140	521	2550	117.6
150	512	2700	111.1
160	504	2850	105.3
170	497	3000	100.0
180	490	3150	95.2
190	484	3300	90.9
200	478	3450	87.2
210	473	3600	83.9
220	468	3750	80.8
230	464	3900	78.2
240	460	4050	75.8
250	456	4200	73.6
260	453	4350	71.5
270	450	4500	69.6
280	447	4650	67.7
290	444	4800	66.0
300	442	4950	64.4
310	440	5100	62.9
320	438	5250	61.5
330	436	5400	60.2
340	434	5550	59.1
350	433	5700	58.1
360	432	5850	57.2
370	431	6000	56.3
380	430	6150	55.6
390	429	6300	54.9
400	428	6450	54.3
410	427	6600	53.8
420	426	6750	53.3
430	425	6900	52.9
440	424	7050	52.5
450	423	7200	52.1
460	422	7350	51.7
470	421	7500	51.3
480	420	7650	51.0
490	419	7800	50.6
500	418	7950	50.3
510	417	8100	50.0
520	416	8250	49.7
530	415	8400	49.4
540	414	8550	49.1
550	413	8700	48.8
560	412	8850	48.6
570	411	9000	48.3
580	410	9150	48.1
590	409	9300	47.8
600	408	9450	47.6
610	407	9600	47.4
620	406	9750	47.2
630	405	9900	47.0
640	404	10050	46.8
650	403	10200	46.6
660	402	10350	46.4
670	401	10500	46.2
680	400	10650	46.0
690	399	10800	45.8
700	398	10950	45.6
710	397	11100	45.5
720	396	11250	45.3
730	395	11400	45.2
740	394	11550	45.0
750	393	11700	44.9
760	392	11850	44.7
770	391	12000	44.6
780	390	12150	44.4
790	389	12300	44.3
800	388	12450	44.1
810	387	12600	44.0
820	386	12750	43.9
830	385	12900	43.8
840	384	13050	43.7
850	383	13200	43.6
860	382	13350	43.5
870	381	13500	43.4
880	380	13650	43.3
890	379	13800	43.2
900	378	13950	43.1
910	377	14100	43.0
920	376	14250	42.9
930	375	14400	42.8
940	374	14550	42.7
950	373	14700	42.6
960	372	14850	42.5
970	371	15000	42.4
980	370	15150	42.3
990	369	15300	42.2
1000	368	15450	42.1
1010	367	15600	42.0
1020	366	15750	41.9
1030	365	15900	41.8
1040	364	16050	41.7
1050	363	16200	41.6
1060	362	16350	41.5
1070	361	16500	41.4
1080	360	16650	41.3
1090	359	16800	41.2
1100	358	16950	41.1
1110	357	17100	41.0
1120	356	17250	40.9
1130	355	17400	40.8
1140	354	17550	40.7
1150	353	17700	40.6
1160	352	17850	40.5
1170	351	18000	40.4
1180	350	18150	40.3
1190	349	18300	40.2
1200	348	18450	40.1
1210	347	18600	40.0
1220	346	18750	39.9
1230	345	18900	39.8
1240	344	19050	39.7
1250	343	19200	39.6
1260	342	19350	39.5
1270	341	19500	39.4
1280	340	19650	39.3
1290	339	19800	39.2
1300	338	19950	39.1
1310	337	20100	39.0
1320	336	20250	38.9
1330	335	20400	38.8
1340	334	20550	38.7
1350	333	20700	38.6
1360	332	20850	38.5
1370	331	21000	38.4
1380	330	21150	38.3
1390	329	21300	38.2
1400	328	21450	38.1
1410	327	21600	38.0
1420	326	21750	37.9
1430	325	21900	37.8
1440	324	22050	37.7
1450	323	22200	37.6
1460	322	22350	37.5
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1480	320	22650	37.3
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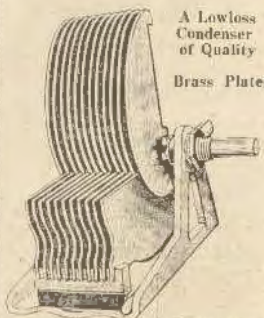
CORRECT TIME MEANS MUCH TO COUNTRY LISTENERS: Although 5CL make a practice of broadcasting time signals by means of the Adelaide Post Office clock, it was thought that an even more accurate method of keeping the time might be appreciated by the public. It is, therefore, the intention of the management to secure and install in the Studio an accurate chronometer which will be kept correct through the Observatory.

GOING OUTSIDE THE STATE FOR INFORMATION. LONG LAND LINES WILL BE BROUGHT INTO SERVICE: Whilst many interstate listeners are able to hear 5CL in daylight, there are not many in South Australia who are able to tune in the Interstates. 5CL is, therefore, to make every endeavour to broadcast a running description of the V.R.C. Grand National Hurdle Race, V.R.C. Grand National Steeplechase, the Caulfield Cup, the V.R.C. Derby and the world's most spectacular racing event, the famous Melbourne Cup.

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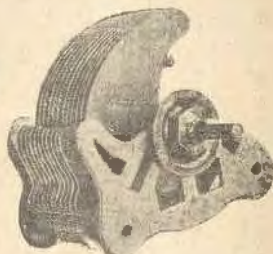
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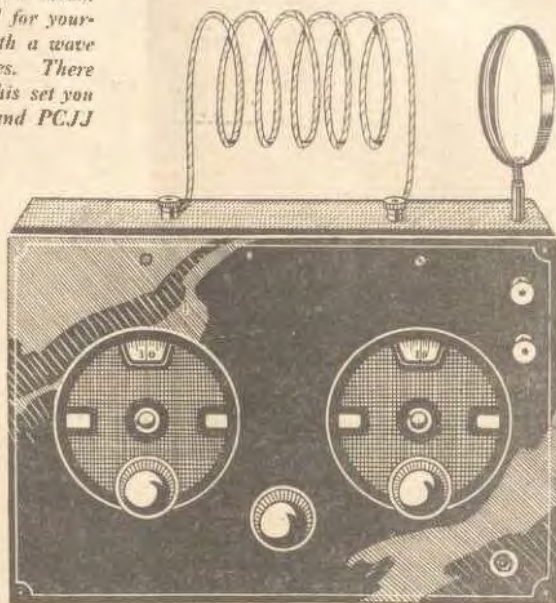
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- 1-Battery Clip.
- 1-lb. 16 gauge Tinned Copper Wire.
- Busbar Terminals, Valve Legs and pins, etc.



THERE is quite a lot of excitement rife at the present juncture in short wave reception. The average member of the public hears of call letters such as KFI and WGY, and WLW and PCJJ. To the man in the street these letters convey nothing, but to the enthusiast who knows his short wave history gives much information. The three first mentioned stations are located in U.S.A., and the latter mentioned in Eindhoven, Holland.

Why, asks the average broadcast listener, why can't I receive these stations on my present set which receives broadcasting splendidly? This is a question heard in the bus, tram, train and ferry, and it invariably happens that the answer is delivered in a shrug of the shoulders. That the average broadcast receiver is not suitable for the short wave reception is quite true, and the reason will be worth while explaining.

Firstly, let us ask ourselves just what short waves are. When one hears of wavelengths such as 22,000 metres, 10,000 metres, etc., one naturally concludes that wavelengths of the order of 1,000 or 350 metres would be termed short wave lengths. True, no doubt, but many things take

place in radio which are accepted as being true, but which should be modified or qualified to a certain extent. For example, the average enthusiast refers to his plate supply or B battery as a high tension battery. This is virtually not a correct term. Ask any electrical engineer what high tension means and you will be told an entirely different story to the popular conception.

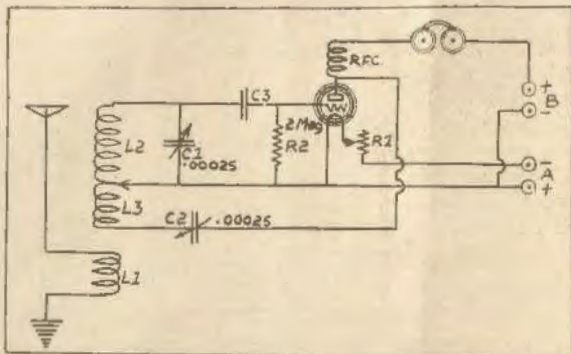
Radio terms are somewhat elastic. In being elastic much room for doubtful terms is left. Everything boils down to a matter of relativity. (Many pardons, Mr. Einstein!) When to-day we say short waves we mean short in relation to the standard broadcasting wavelengths of to-day. For example, 2BL and 2FC on 353 and 442 metres respectively are accepted as long waves, whereas wavelengths between 15 and 100 metres are accepted as short waves.

Now it remained to the Australian amateur to show the world just to

what purposes short waves could be put. Mr. Charles Macturean of N.S.W. and Mr. Max. Howden of Victoria were the first amateurs to successfully reach U.S.A. and England on the short waves, and on a particularly small power—less power, in fact, than is required to light the tail light of a motor car.

Somehow the shorter the wavelength the greater the penetrating force for a given power. That is why these amateurs mentioned made a success of their experiments. Guided by this, all other amateurs endeavoured to emulate their example. "All we like sheep," etc. Still, the big radio companies in different parts of the world set out to exploit these short waves, and to this end to-day hardly a day or a week passes without somebody on the other side of the world broadcasts on these short waves.

So effective are short waves that some of the big steamship companies



equip their ships with short wave receivers; the fact that Corinthia, that round the world touring ship, could keep in touch her home port, New York, from any part of the world proves how efficacious short waves are.

Now to receive these short wave stations a specially built receiver is necessary. As mentioned, the average broadcast receiver tunes from 200 to 600 metres, so if a station is broadcasting on say 30.2 metres, like PCJJ, the broadcasting receiver won't tune to it. That which is known as a short wave receiver is required. A short wave receiver is a simple straight out detector as a rule, and if desired may be followed by one or two stages of audio frequency amplification to bring up the volume. The first valve or detector circuit is that which counts most, and on the choice of this circuit is of some consideration. The straight cut standard three coil circuit is quite good, but for preference some form of Reinartz reaction circuit is advisable as it would be more easily handled. In May issue of "Radio" there was described an efficient short wave receiver employing the Wágeant circuit. This circuit has an easily controlled reaction.

The circuit proposed to be used in the receiver, which is the subject of this article, is the popular Reinartz. From the circuit diagram this information is garnered. Coil L1 is the aperiodic aerial coil, that is, it is untuned and is mounted in proximity to coils L2 and L3, both being the one coil in fact, L2 being the grid portion and L3 the reaction portion. In order that the radio frequency energy is fed to the reaction coil a choke is inserted in the plate lead to act as a buffer really, and thus cause the R.F. energy to flow into the reaction coil.

The parts used in this set are itemised elsewhere in this article. Bear in mind that good quality parts are necessary if best results are desired. This applies particularly to the condensers. Again, it must be understood that the lower the wavelength the higher we go up in frequency and the greater the degree of sharpness in tuning. This means that some form of smooth fine tuning vernier dial is required, particularly for condenser C1, and of course a similar dial would not be out of place for the reaction condenser C2.

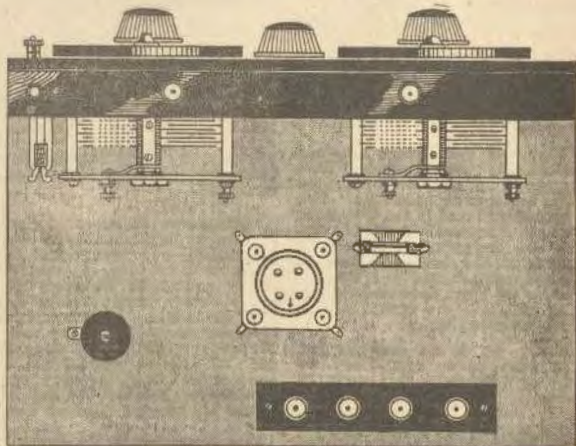
The illustrations show that the tuning coils are mounted on the top of the panel on a ledge prepared for the purpose. This gives a rapid interchangeability of coils for the dif-

ferent wavelengths. Two or three coils are required to tune from say 20 metres to say 200 metres. These coils may be purchased, or if desired may be constructed at home. No difficulty will be experienced if care is taken in making the coils.

Firstly wind the 10 turn coil. The 16 gauge tinned copper wire is ideal for this purpose. This is the same wire which is known as round busbar, but this time it is bought in a reel of 2 or 1 lb., not in 2 feet lengths as heretofore. No. 16 to 20 gauge enamelled wire will also serve the purpose. Still get a round bottle about 3 inches in diameter and wind on 10 turns of this wire. To do this effectively unwind from the reel about 12 feet of wire, twist one end round the foot knob and pull from the other end until a slight "give" is felt. This indicates that the wire is perfectly straight.

Now wind the wire around the bottle, spacing each turn about 1/8th of an inch apart. Leave a few inches each end for connections. Slip the coil off the bottle and you will find a nice springy coil. If this coil is too "woolly" it may be supported between strips of panelling grooved to accept the wire. No great stretch of imagination will be required to effect this.

A second coil of 30 turns of the same gauge wire will be found useful. This may be wound in a similar manner and supported accordingly or wound on a 3 inch Grodan Anti Loss former, seeing, of course, that no turn touches the adjacent turn. If desired a 20 turn coil may be also wound.



Square Glass Cells with each Philco.



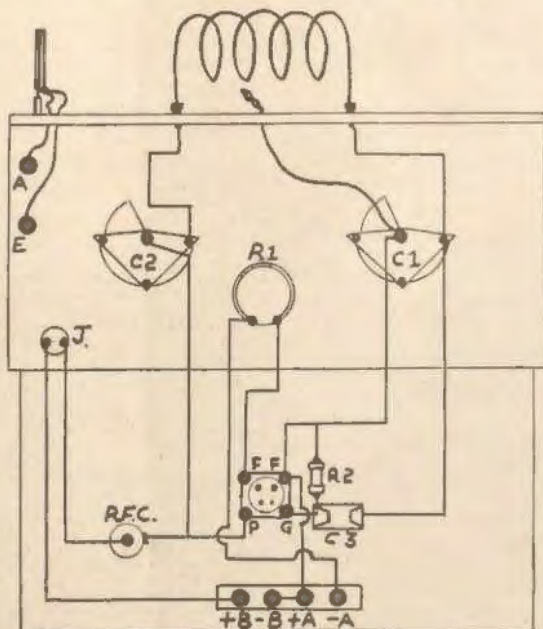
The primary may reasonably be a 10 turn coil wound with say 20 gauge wire on a piece of Dilecto or Radion tubing 2½ inches in diameter. This tubing should be 2 inches long and the turn wound on one end. On the other end drill a hole to take a Clix plug, or even an English valve pin. This pin acts as a means of mounting this aperiodic aerial coil on the strip at the top of the panel and at the right hand end, it fits into a Clix socket or a valve socket of the English type, just a single piece, not the standard valve socket, to accept the four pins or legs of a valve. Other primary coils made similarly may be of 2 turns and 6 turns, although the 10 turns will be found most useful as a primary for all wavelengths.

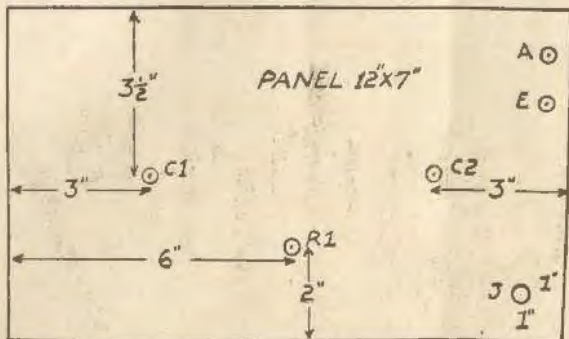
The 10 turn combined grid coil and reaction coil will tune from 30 metres to about 55 metres, while the 30 turn coil is of interest up to 200 metres. The 30 turn coil is not absolutely necessary, but is very handy if some difficulty is experienced in making the 10 turn and the 30 turn overlap in wavelength. Don't be afraid to use your initiative in trying different sized coils; it is wonderful what you will learn therefrom, and it is always interesting. Don't adhere to hard and fast rules in these coils. They are easily made, and once the correct combination is found these coils can be maintained. In the set built the 10 and 30 turn sufficed to cover wavelengths between 20 and 260 metres.

Leaving the coils on one side for a while prepare the panel. The panel should be nicely squared, using a file or a carpenter's scraper for the purpose. And remember, use only the genuine Dilecto or Radion, as we can't guarantee that the receiver will oscillate if any of the so-called bakelites on the market are used. Mark out the positions for your condensers and use the template supplied to deter-

mine where the fixing screws should go. Countersink these fixing holes. Next plot the location of the fixing screw for the Emmo vernier dial, and then mount the catch screw. The rheostat position is easily seen and drilled. Pay attention to the small brackets which are used to hold the coil supporting strip of Dilecto in position. The back of panel wiring diagram shows where these brackets should go.

The coil supporting strip should now be perfected. This consists of a strip of Radion or Dilecto 2-16ths of an inch thick, 1 inch wide, and 12 inches long. Three and a half inches in from each edge drill a hole to take a valve socket (single unit against). This is for mounting coils L2 and L3. At one end of this strip provide another valve socket for the aperiodic aerial coil. (See back panel diagram.) Then, of course, the brackets are to be fixed. If desired instead of valve sockets for coils, L2 and L3, ordinary telephone terminals may be used. This is a matter which the constructor may decide for himself.





Procure a piece of good seasoned timber, say 11 x 8 x 3/4 inch, sandpaper it well and give it a couple of coats of shellac varnish. When dry, and it dries very quickly, mount the panel on it. Place the baseboard apparatus in place. Don't cramp the layout. Keep the choke well away from the valve socket and mount the grid condenser directly on to the grid terminal of the porcelain valve socket. The grid lead should be tightly gripped between clips mounted on a small piece of Dilecto or Radion. This grid leak system should be screwed to the baseboard with one end as near to the grid terminal of the valve socket as is possible.

Now begin the wiring. Those who can read a circuit diagram will be able to wire from this, but those who are not too well versed in circuits will find the back of panel wiring diagram of great value. Notice the flexible lead from the F positive of the valve socket. At the other end there is a battery clip which clips on to the division of coils L2 and L3. This flex should be long enough to reach the top of the panel and clip on to the coil. To keep the clip from falling back a small hole drilled in through the strip will assist if the flex is fed through this hole.

Check over all the work carefully, then test out. Plug the aperiodic 10 turn coil in the valve socket provided for the purpose. Two short flexible leads to grid under the aerial and earth terminals adjacent will suffice for connections. Then connect the 10 turn grid-reaction coil between the two terminals or valve sockets placed in the top. The flexible lead with the clip attached should be clipped to the middle turn of the skeleton coil. Hook on aerial and earth and batteries, then connect the 'phones and plug in the valve. Slowly turn up the rheostat, then tune with C1. Adjust C2 with C1 so that oscillation is present. If difficulty is met in making the receiver oscillate over the whole wave

band with the different coils balance up with the filament rheostat and different B battery voltages. Almost any good valve will do, but, of course, be sure you have a good valve. Radiotron valves are selling at all prices round town, but the genuine Radiotron may be easily picked out by looking for the small sticker on the glass of the valve itself. This small sticker depicts a globe with the map of Australia on it with "World Wide Wireless" and "Genuine Radiotron" clearly shown. Look also at other Radiotrons.

The set should go in and out of oscillation easily by the use of the condenser C2. The reaction will be very smooth. The vernier dial on C1 will be found really indispensable. As this is turned different canary whistles will be heard, indicating that the receiver is in good order. Inside each whistle is a station of some description. It may be Morse Code transmission or perhaps any short wave station which may be broadcasting. By carefully manipulating both dials the whistle will be cleared up, and whatever is present will be resolved.

The rheostat plays an important part in clearing up mushy reception. Get to know how to handle the receiver. Always see that the aperiodic aerial coil is running in the same direction as the grid reaction coil. Don't be afraid to allow the clip to wander from one turn to another. A few hours' handling will teach much, and this receiver will provide a most fascinating contrast to the usual broadcast receiver. At any hour of the day and night you can turn to this receiver and something will be heard. Perhaps only local Morse Code, maybe KDKA or WLW, or any other short wave station. Search around the dials, perhaps the 10 turns or 20 turn coils will be used most. This set is capable of bringing in international short wave stations, so learn to handle it.

Auckland Listeners Protest

"UNCLE JACK," late of IYA, has done a lot of calling to Auckland listeners-in, but it was their turn last night. With a unanimous voice a Scots' Hall full of them yelled: "Come back, Uncle Jack."

The resolution passed was much more dignified than that, of course, but the meaning and the enthusiasm was the same, and cheers were given for Mr. J. M. Prentice.

The meeting, which was called by the Auckland Listeners' League, had the Prentice affair at the back of its mind while the other grievances were being discussed, and every reference to him was greeted with applause and cheers.

"I don't know how many there are here who bought a set, as I did, on the strength of Mr. Prentice being brought from Australia to reorganise the broadcasting company," said Mr. A. C. Jacob, president of the league. "When his resignation was made known a wire was sent to Mr. Harris in Christchurch, to come to Auckland and meet the executive. Mr. Harris replied that if Mr. Prentice had resigned of his own volition no useful purpose could be served by conference with the representatives of the people who provide one-third of the income."

"Mr. Prentice's resignation was the result of his own conscience," continued Mr. Jacob. "He thought it was impossible for him to carry on owing to the policy. The only expert in the country resigned because he could not keep faith with the public and remain in the position he was holding."

The resolution, expressing sincere regret at the resignation, and recording an appreciation of his efforts for listeners-in, was proposed by Mr. A. A. Hints, who said: "Mr. Prentice, though impersonally known to most of us, is really a strong personal friend through the radio. We are all doing our best to prevent him from going. How the result can be brought about is hard to say, unless the motions passed here bear fruit."

"I can't see how any sane body can refuse to give him a chance to carry on. It is a pity that he is not here to say what he was up against."

"The company has handed us a lot of dope, but if they are anxious to meet our views, let them reinstate Mr. Prentice," declared Mr. J. Dougherty.

At Mr. H. W. Tidman's suggestion, the "hope that Mr. Prentice be not lost to New Zealand listeners-in," was added to the motion, and it was then carried unanimously and enthusiastically.

"Let me propose a slogan," said someone in the hall, "No Prentice, no aerial!" (Thunderous applause.)

Hook Up With This!

— and you will get these :

1. EMMCO "B" ELIMINATOR is ready for use — merely plug into your light socket.
2. Hooks up like ordinary battery.
3. No alterations or additions to set — no change in wiring.
4. Operates any standard set, whether dull or bright emitter valves, loop or outside aerial.
5. Perfectly quiet. No audio frequency whistles.
6. Absolutely dry. Nothing to spill and no delicate parts whatever to get out of order.
7. MADE ON THE SPOT AND ESPECIALLY DESIGNED FOR THE AUSTRALIAN A. C. MAINS.



EMMCOSTAB.

Designed for controlling the filament current for all types of valves, for use in resistance coupled amplifiers and for "H" battery eliminators. A Universal Radio Resistance giving perfect control and more economical operation of any set. Specify EMMcostab by name and number. A varying range from 1/2 to 500,000 ohms. Your dealer will tell you the correct type for your requirements.

PRICE, 7/6.



EMMCO ELIMINATOR
PRICE, £10-10-0

Emmco Eliminator Kit, consisting of Transformer and Chokes ready for assembling.
PRICE £4/20/-.



EMMCO CAVALIER
TRANSFORMER

A perfect engineering job, constructed throughout of high quality materials, and giving total reproduction free from blurring. The Moulded Bakelite Case ensures freedom from moisture. Terminals at base to make wiring easy. Ratios 2-1, 3 1/2-1 and 5-1.

PRICE, 21/-.

EMMCO PARTS

AT ALL DEALERS

LOUD SPEAKERS OF MERIT

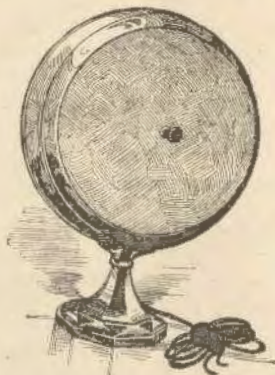
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INSTALL a Loud Speaker on your Set, and let all the family hear the programme. We have the finest assortment of Loud Speakers to choose from at prices ranging from 23/6 to £21, and carry our usual guarantee of satisfaction or money refunded.



Brown H1

- Brown H1... £6/15/-
 " H2... £2/18 6
 " H3... £4/2/6
 " H4... £2/-/-
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"Tefag" Cone Speaker
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AMPLION AR19

- Amplion AR19... £6/10/-
 " " 102... £15/-
 " " 38... £3/-/-
 " " 111... £3/10/-
 " " 58... £4/-/-
 " " 65... £4/15/-
 " " 19... £6/10/-



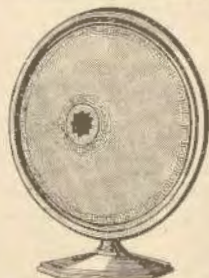
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£3/15/-

CASH or
EASY TERMS

Radiolux Amplions
£6/10/- to £11/-/-



Manhattan
Speaker
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CROSSLEY "MUSICONE"
63/-

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Mail Order Dept.—
60 GOULBURN STREET.

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BROADCAST PROGRAMMES

for the COMING WEEK

Friday, July 8 2FC, SYDNEY.

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

EARLY MORNING SESSION.

- 7 a.m.—"Big Ben" and announcements.
- 7.15 a.m.—Studio music.
- 7.45 a.m.—COUNTRY SESSION: Official weather forecast, rainfall, temperature, atmospheric phenomena, shipping intelligence, mail services.
- 7.50 a.m.—Investment market, mining share market, metal quotations.
- 8.00 a.m.—Wool sales, Brisbane markets, interstate markets, produce markets.
- 8.10 a.m.—"Sydney Morning Herald" summary.
- 8.15 a.m.—"Big Ben." Close down.

MORNING SESSION.

- 9 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.
- 10.45 a.m.—Reading.
- 11 a.m.—"Big Ben."
- 11.15 a.m.—Marching music for school children.
- 11.30 a.m.—A.P.A. and Reuter's Cable Service.
- 11.45 a.m.—Studio music.
- 11.55 a.m.—"Big Ben."
- 12.00 a.m.—"Big Ben" and announcements.
- 12.15 a.m.—Stock Exchange, first call.
- 12.30 a.m.—Official weather forecast, rainfall.
- 12.45 a.m.—Studio music.
- 12.55 p.m.—Summary of "Sydney Morning Herald" news service.
- 1.00 p.m.—Wireless news.
- 1.15 p.m.—Studio music.
- 1.30 p.m.—Marching music for school children.

MIDDAY SESSION.

- 12 noon—"Big Ben" and announcements.
- 12.15 p.m.—Stock Exchange, first call.
- 12.30 p.m.—Official weather forecast, rainfall.
- 12.45 p.m.—Studio music.
- 12.55 p.m.—Summary of "Sydney Morning Herald" news service.
- 1.00 p.m.—Wireless news.
- 1.15 p.m.—Studio music.
- 1.30 p.m.—Marching music for school children.
- 1.45 p.m.—LILY HANCOTT, soprano: "Little Boxes Bied" (del Bice).
- 1.50 p.m.—Studio music.
- 1.55 p.m.—"Big Ben." Weather intelligence.
- 2.00 p.m.—"Evening News" mixed news service.
- 2.05 p.m.—Producers' Distributing Society's Report.
- 2.10 p.m.—Studio music.
- 2.15 p.m.—Stock Exchange, second call.
- 2.30 p.m.—Marching music for school children.
- 2.40 p.m.—LILY HANCOTT, soprano: "The Swallow Song" (Giam).
- 2.45 p.m.—Studio music.
- 2.50 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

- 2 p.m.—"Big Ben" and announcements.
- 2.15 p.m.—THE WESTWORTH SYMPHONIC DANCE ORCHESTRA. Conductor, Mr. Frederick Leighton.
- 2.30 p.m.—Marching music for school children.
- 2.40 p.m.—FRANK BOTHAM, baritone (from Farmer's Tea Rooms): "Little Irish Girl" (Lehri).
- 2.45 p.m.—Reading.
- 2.50 p.m.—EILEEN MOREAU, soprano (from Farmer's Tea Rooms): "Walk" (Bardolci).

- 4.5 p.m.—THE WESTWORTH SYMPHONIC DANCE ORCHESTRA. Conductor, Mr. Frederick Leighton.
- 4.20 p.m.—FRANK BOTHAM, baritone: "Smacker" (Marshall).
- 4.30 p.m.—MARGOT LESCAUT, Soprano: "Love will find a Way" (Bimeno).
- 4.30 p.m.—THE WESTWORTH SYMPHONIC DANCE ORCHESTRA. Conductor, Mr. Frederick Leighton.
- 4.40 p.m.—EILEEN MOREAU, soprano (from Farmer's Tea Rooms): "Melodie in the Wood" (Gust).
- 4.45 p.m.—Stock Exchange, third call.
- 4.50 p.m.—Studio music.
- 4.55 p.m.—THE WESTWORTH SYMPHONIC DANCE ORCHESTRA.
- 5 p.m.—"Big Ben." Close down.

EARLY EVENING SESSION.

- 5.45 p.m.—"The Chimes of St. Paul."
- 5.50 p.m.—"The 'Hello Man'" talks to the children.
- 6.00 p.m.—Story time for the young folk.
- 6.10 p.m.—Dinner music.
- 6.20 p.m.—"Big Ben." Late sporting news.
- 6.30 p.m.—Dalry's market reports (wool, wheat and stocks).
- 6.35 p.m.—Fruit and vegetable markets.
- 6.40 p.m.—Weather and shipping news.
- 6.45 p.m.—Late "Evening News" service.

NIGHT SESSION.

- 7.40 p.m.—Programme announcements.
- 7.45 p.m.—Studio music.
- 7.55 p.m.—"The story of the Opera "MADAME POMPADOUR".
- 7.55 p.m.—HER MAJESTY'S THEATRE ORCHESTRA, conducted by Mr. Andrew MacDuff in the overture to "Madame Pompadour".
- 8 p.m.—"Big Ben."
- 8.05 p.m.—Excerpt from the production of "Madame Pompadour" by Lea Fall.
- ACT I: Introduction and Ensemble, Arthur Sigmund and Chorus.
- 8.5 p.m.—Song, "Carnival Time," Frank Webster and Ladies.
- 8.10 p.m.—FROM THE STUDIO: "A Street Scene in Japan," described by Dr. T. J. Henry.

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

2FC.—Farmer's Broadcasting Station, Ltd., Sydney, wavelength 442 metres, power 5500 watts.

2BL.—Broadcasters' Ltd., Sydney, wavelength 438 metres, power 5000 watts.

2GB.—Theatrical Broadcasting Station, Ltd., Sydney, wavelength 318 metres, power 250 watts.

2BY.—Trades and Labor Council, Sydney, wavelength 280 metres, power 1500 watts.

2LW.—Otto Siedel, Sydney, wavelength 267 metres, power 500 watts.

2MK.—Mackler Bros., Rutherford, wavelength 212 metres, power 310 watts.

2UE.—Electrical Utilities Supply Co., Sydney, wavelength 233 metres, power 250 watts.

2RE.—Barrin Electric Co., Sydney, wavelength 516 metres, 100 watts.

2HD.—H. A. Douglas, Newcastle, wavelength, 258 metres, 100 watts.

- 8.20 p.m.—A Foreword to the next item.
- 8.25 p.m.—FROM HER MAJESTY'S THEATRE: "By the Light of the Moon" sung by Bernice de Vries and Frank Webster.
- 8.35 p.m.—FROM THE STUDIO: Mr. Cyril Monk, violin solo: (a) "Ave Maria" (Schubert-Wilhelmi), (b) "Bourne" (Piazzini).
- 8.45 p.m.—Foreword to the next item.
- 8.50 p.m.—FROM HER MAJESTY'S THEATRE: "Fiasco" (Morpan).

- 9.00 p.m.—A Foreword to the next item.
- 9.10 p.m.—FROM HER MAJESTY'S THEATRE: "The Girl Street" (Morpan).
- 9.15 p.m.—Introduction and Ensemble to the second act of "MADAME POMPADOUR" by the full company.
- 9.19 p.m.—Duet, "Love's Scentry," Bernice de Vries and Frank Webster.
- 9.24 p.m.—FROM THE STUDIO: Mr. Cyril Monk, violinist: "Linson, Vigano" (Narberth).
- 9.35 p.m.—VIRGINIA BARNETT, contralto: 0.43 p.m.—A Foreword to the next item.
- 9.45 p.m.—FROM HER MAJESTY'S THEATRE: "Madame Pompadour," sung by Frank Webster and Chorus of Soldiers.

- 9.54 p.m.—FROM THE STUDIO: "Charles Bonin" (Morse).
- 10.00 p.m.—"The Girl Street" (Morpan).
- 10.05 p.m.—"The Girl Street" (Morpan).
- 10.10 p.m.—FROM HER MAJESTY'S THEATRE: "Madame Pompadour," sung by Frank Webster and Chorus of Soldiers.
- 10.15 p.m.—FROM THE STUDIO: "Charles Bonin" (Morse).
- 10.20 p.m.—"The Girl Street" (Morpan).
- 10.25 p.m.—"The Girl Street" (Morpan).
- 10.30 p.m.—FROM HER MAJESTY'S THEATRE: "Madame Pompadour," sung by Frank Webster and Chorus of Soldiers.

- 10.35 p.m.—FROM THE STUDIO: "Charles Bonin" (Morse).
- 10.40 p.m.—FROM HER MAJESTY'S THEATRE: "Madame Pompadour," sung by Frank Webster and Chorus of Soldiers.
- 10.45 p.m.—FROM THE STUDIO: "Charles Bonin" (Morse).
- 10.50 p.m.—FROM HER MAJESTY'S THEATRE: "Madame Pompadour," sung by Frank Webster and Chorus of Soldiers.
- 10.55 p.m.—FROM THE STUDIO: "Charles Bonin" (Morse).
- 11.00 p.m.—FROM HER MAJESTY'S THEATRE: "Madame Pompadour," sung by Frank Webster and Chorus of Soldiers.
- 11.05 p.m.—FROM THE STUDIO: "Charles Bonin" (Morse).
- 11.10 p.m.—FROM HER MAJESTY'S THEATRE: "Madame Pompadour," sung by Frank Webster and Chorus of Soldiers.

- 10.35 p.m.—VIRGINIA BARNETT, contralto.
- 10.40 p.m.—HARRISON WHITE, baritone: "The Girl Street" (Morpan).
- 10.45 p.m.—VIRGINIA BARNETT, contralto.
- 10.50 p.m.—HARRISON WHITE, baritone: "The Girl Street" (Morpan).
- 10.55 p.m.—Celestia records.
- 10.57 p.m.—Late news and announcements.
- 11 p.m.—"Big Ben."
- 11.05 p.m.—THE WESTWORTH SYMPHONIC DANCE ORCHESTRA, in popular numbers. Conductor, Mr. Frederick Leighton.
- 11.15 p.m.—National Aidmen. Close down.

2BL, SYDNEY.

Broadcaster's Ltd.
Wave Length, 338 Metres.
Friday.

- ### EARLY MORNING SESSION.
- 5 a.m.—G.P.O. clock and chimes.
 - 5.15 p.m.—Metropolitan weather forecast.
 - 7.0 a.m.—Studio music report.
 - 7.4 a.m.—News service.
 - 7.10 a.m.—Fruit market report.
 - 7.15 a.m.—Vegetable market report.
 - 7.30 a.m.—A.M.L. and F. Co's report.

There are no rivals to the Philco.

7.44 a.m.—Dairy farm produce market report.
 7.50 a.m.—Poultry market report.
 7.50 a.m.—G.P.O. clock and chimes.
 Musical programme from the Studio.
 7.57 a.m.—News service.
 7.52 a.m.—Boats in call by wireless.
 7.44 a.m.—Mail information, shipping arrivals and departures and port directory.
 7.49 a.m.—News service.
 8 a.m.—G.P.O. clock and chimes.
 Close down.

MORNING SESSION.

10.30 a.m.—4 P.O. clock and chimes.
 Musical programme from the Studio.
 10.40 a.m.—News from the "Daily Telegraph".
 10.50 a.m.—Musical programme from the Studio.
 11 a.m.—G.P.O. clock and chimes.
 Announcements.
 11.5 a.m.—Musical programme from the Studio.
 11.15 a.m.—Talk on "Aviation" by Miss Gwen Varley, Broadcaster's women's sports authority.
 Social notes. Replies to correspondents by Mr. Jordan.
 Talk on "Boiling the best meats out" by Mr. Osborne.
 Representative: Metropolitan News Board.
 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. Mail, shipping, and port directory.
 12.18 p.m.—Boats in call by wireless.
 12.28 p.m.—Fruit market report.
 12.25 p.m.—Vegetable market report.
 12.24 p.m.—London metal market report.
 12.20 p.m.—Dairy farm produce market report.
 12.30 p.m.—G.P.O. clock and chimes.
 12.40 p.m.—Fish market report.
 12.34 p.m.—Rabbit market report.
 12.26 p.m.—News from the "Sun".
 12.15 p.m.—Hilbert's instrumental Quartet—Director, Carol Clack.
 1.30 p.m.—G.P.O. clock and chimes.
 Talk to children and special entertainment for children in hospital.
 2 p.m.—G.P.O. clock and chimes.
 Close down.

AFTERNOON SESSION.

Receiving information broadcast immediately after each race, by courtesy of the "Sun".
 2 p.m.—G.P.O. clock and chimes.
 News from the "Sun".
 3.15 p.m.—G.P.O. clock and chimes.
 3.30 p.m.—G.P.O. clock and chimes.
 News from the "Sun".
 4.10 p.m.—Musical programme from the Studio.
 3.30 p.m.—News from the "Sun".
 4 p.m.—G.P.O. clock and chimes.
 G.P.O. Service. Stores Trio.
 4.15 p.m.—Serial story.
 4.25 p.m.—Musical programme from the Studio.
 4.35 p.m.—News from the "Sun".
 4.60 p.m.—Racing resume.
 4.61 p.m.—Resume of night's programme.
 4.74 p.m.—Announcements and what's on.
 4.58 p.m.—Special ocean forecast.
 5 p.m.—G.P.O. clock and chimes.
 Close down.
 EARLY EVENING SESSION.
 6.45 p.m.—G.P.O. clock and chimes.
 Uncle George and the kiddies.
 6.48 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 Dept.
 Paddock's Distributing Society's fruit and vegetable market report.
 Stock Exchange reports.
 Grain and fodder report ("Sun").
 Dairy produce report ("Sun").
 7.15 p.m.—Country news from the "Sun"

7.30 p.m.—Talk on "Gardening Science" by Mr. Cooper, park Superintendent, City Council.
 8 p.m.—G.P.O. clock and chimes.
 Broadcasters' Topical Chorus.
 8.3 p.m.—Mr. Clem Williams, baritone.
 8.10 p.m.—Miss Marjorie Seymour, popular songs.
 8.17 p.m.—Mr. Bob Driscoll, comedians.
 8.24 p.m.—Miss Gladys Verona, soprano.
 8.34 p.m.—Broadcasters' all-sports expert will talk on "Football".
 9 p.m.—G.P.O. clock and chimes.
 Resume of following day's programme.
 Weather forecast and forecast by courtesy of Mr. C. J. Marve, Government Meteorologist.
 9.6 p.m.—Broadcasters' Trio.
 9.15 p.m.—Madame de Vant, American coon impersonator.
 9.21 p.m.—Mr. Sydney Hollister, comedian.
 9.28 p.m.—Lorahy Ann Duo, in harmony and humor.
 9.43 p.m.—The sporting editor of the "Sun" will talk on the prospects of Saturday's races.
 10.0 p.m.—Broadcasters' Trio.
 10.13 p.m.—Mr. Clem Williams.
 10.20 p.m.—Miss Marjorie Seymour.
 10.27 p.m.—News items by courtesy of the "Sun" Newscope.
 10.31 p.m.—Mr. Bob Driscoll.
 10.31 p.m.—Madame de Vant.
 10.43 p.m.—Mr. Sydney Hollister.
 10.50 p.m.—Broadcasters' Trio.
 11 p.m.—G.P.O. clock and chimes.
 National Anthem.

4.7 p.m.—Talk "Christianity," by Mrs. Wood.
 4.22 p.m.—"The Republic" (Czechoslovak).
 4.30 p.m.—Close down.
 EVENING SESSION.
 6.30 p.m.—Children's Session.
 7 p.m.—Music.
 7.15 p.m.—Talk.
 7.23 p.m.—Mediation of the Most Holy Sacrament.
 7.40 p.m.—Talk.
 7.55 p.m.—Duet for two Violins, with piano accompaniment.
 DAN SCULLY, MONICA HORNER, ADA BROOK.

8.5 p.m.—Address.
 8.59 p.m.—Songs by MR. F. J. TODD.
 9.23 p.m.—Instrumental Quartet: DAN SCULLY, MONICA HORNER, MURIELLE LANG, ADA BROOK.
 9.37 p.m.—Songs by MISS HILDA BOYLE.
 9.49 p.m.—Topical Talk.
 9.15 p.m.—Cello Solo by MURIELLE LANG: 1. "Melodie" (Tchaikovsky). 2. "Le Preau" (Debussy).
 9.23 p.m.—Songs by MR. F. J. TODD.
 9.37 p.m.—Duet for two Violins with Piano accompaniment: DAN SCULLY, MONICA HORNER, ADA BROOK.
 9.45 p.m.—Songs by MISS HILDA BOYLE.
 9.53 p.m.—"Oceano" Talk.
 10 p.m.—Close down.

3LO, MELBOURNE.

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

Friday.

AFTERNOON SESSION.
 5.5 p.m.—STUDIO ORCHESTRA: "Nocturne" (Chopin).
 3.10 p.m.—Description of Associated Public Schools of Victoria Football—GEELONG COLLEGE v. MELBOURNE GRAMMAR SCHOOL, at Geelong. Description by Mr. G. J. Brookbanks. Quarter-time.
 4.20 p.m.—Description of Associated Public Schools of Victoria Football—WESLEY COLLEGE v. SCOTCH COLLEGE, at Melbourne Cricket Ground. Quarter-time.
 3.50 p.m.—STUDIO ORCHESTRA: "The Impulse" (Moncatus).
 3.48 p.m.—Description of Associated Public Schools of Victoria Football—GEELONG COLLEGE v. MELBOURNE GRAMMAR SCHOOL, at Geelong. Description by Mr. G. J. Brookbanks. Half-time.
 3.50 p.m.—Description of Associated Public Schools of Victoria Football—WESLEY COLLEGE v. SCOTCH COLLEGE, at Melbourne Cricket Ground. Half-time.
 4 p.m.—MYRTLE ROBERTSON, Violin: "Romance" (Sivodien).
 4.5 p.m.—STUDIO ORCHESTRA: "Nellie Kelly".
 4.40 p.m.—Description of Associated Public Schools of Victoria Football—GEELONG COLLEGE v. MELBOURNE GRAMMAR SCHOOL, at Geelong. Description by Mr. G. J. Brookbanks. Three-quarter-time.
 4.25 p.m.—Description of Associated Public Schools of Victoria Football—WESLEY COLLEGE v. SCOTCH COLLEGE, at Melbourne Cricket Ground—Three-quarter-time.
 4.35 p.m.—MRS. M. CALLAWAY MAHOOD: "The Study and Use of Colour"—V. SUMMARY: Each colour has its own special qualities of intensity and suggestion. This talk will deal with individual colours and their effects, and will give examples of schemes based on red—on orange—on yellow—on green—on blue—on violet.
 4.50 p.m.—"Herald" news service. Stock Exchange information.
 2 p.m.—Description of Associated Public Schools of Victoria Football—GEELONG COLLEGE v. MELBOURNE GRAMMAR SCHOOL, at Geelong. Description by Mr. G. J. Brookbanks. Final scores.
 10 p.m.—Description of Associated Public Schools of Victoria Football—WESLEY COLLEGE v. SCOTCH COLLEGE, at Melbourne Cricket Ground. Final scores.
 3.30 p.m.—Close down.

2GB, SYDNEY

Theophical Broadcasting Service. Wave Length, 316 Metres.

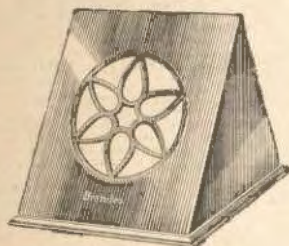
Friday.

MORNING SESSION.
 9 a.m.—Music.
 9.5 a.m.—"Theoric" Talk.
 9.15 a.m.—Music.
 9.25 a.m.—Psychological Class.
 9.40 a.m.—Music.
 9.45 a.m.—Health and Diet.
 10 a.m.—Close down.
 AFTERNOON SESSION.
 3.30 p.m.—Music.
 3.45 p.m.—Talk: "Home Hints," Mrs. Denton.
 2.52 p.m.—Music.

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

- 31G.—Broadcasting Company of Australia, Ltd., Melbourne, wavelength 471 metres, power 4000 wats.
- 40G.—Queensland Radio Service, Brisbane, wavelength 850 metres, power 5000 wats.
- 40C.—Central Broadcasters' Ltd., Adelaide, wavelength 385 metres, power 5000 wats.
- 6W.—Westralian Farmers, Ltd., Perth, wavelength 1250 metres, power 5000 wats.
- 7L.—Tasmanian Broadcasters, Ltd., Hobart, wavelength 645 metres, 3000 wats.
- 8AR.—Associated Radio Co., Ltd., Melbourne, wavelength 484 metres, power 2500 wats.
- 10B.—Danish Business and Technical College, Melbourne, wavelength 255 metres, power 500 wats.
- MU.—O. J. Nilzen & Co., Melbourne, wavelength 319 metres, power 100 wats.
- 4GR.—Gold Radio Electric Service, Townsville, Queensland, wavelength 294 metres, power 100 wats.
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EVENING SESSION.

- 8 p.m.—MARRION LIGHTFOOT, tenor:
"Take Your Pick."
"Dashedwood Quokstep."
- 6.30 p.m.—CAPTAIN DONALD MACLEAN:
"CAPTAIN DONALD'S GAZES."
- 6.20 p.m.—MARRION LIGHTFOOT:
Song, "Tumble Down Dreams."
Banzai, "Volga Boatman."
Song, "Tenderly."
- 6.00 p.m.—Official report of Newmarket Stock Sales. Numbers of Trucks ordered for following week's sales. Supplied by Live Stock Agents' Association, Oxford Chambers, Bourke Street, Melbourne.
- 6.55 p.m.—"Herald" news service. Weather synopsis. Shipping movements.
- 6.47 p.m.—Stock Exchange information.
- 6.40 p.m.—Fish Market, reports by J. R. Borrett. Rabbits prices.
- 6.55 p.m.—River reports.
- 6.58 p.m.—Market reports of Fruit by the Victorian Fruitgrowers' Association, compiled by the "Fruit World," exclusive to 3LO.

NIGHT SESSION.

- 7.15 p.m.—Under the auspices of the Agricultural Department, MR. W. C. RUGG, Poultry Expert, will speak on:
"Chicken Raisins."
- 7.30 p.m.—STUDIO ORCHESTRA:
"San Toy" (Jones).
- 7.40 p.m.—THE D'ARCY TRIO:
"Dressing and Dressing" (Schmidt).
"Medley."
Piano Solo, MYRTLE SKEWES:
"Air de Ballet" (Chaminade).
"Open Thy Mine Eyes" (Maugesnet).
- 7.52 p.m.—MR. H. R. LOVE:
"Technicalities."
- 8.2 p.m.—COLLINGWOOD CITIZENS' BAND:
Waltz, "Tango Me."
- 8.12 p.m.—MADAME LAMBERT:
"Valse des Saintes Vierges" (Lewey).
"Air de Salome Herodiade" (Massenet).
- 8.19 p.m.—STUDIO ORCHESTRA:
"Andantino Symphony in F Minor" (Tchaikowski).
- 8.29 p.m.—CARLTON CHASK, Musical Monologue, "Fig Leaf in the Hat."
- 8.36 p.m.—HARRY NORTH, Concertina:
"Lip-to-lip A-la."
- 8.48 p.m.—ISABEL RIDDEL, contralto:
"I'm as a Lovin' Bird" (Frank Bridge).
"The Caves and the Wind" (Leon).
8.50 p.m.—COLLINGWOOD CITIZENS' BAND:
Selection, "Bonacola."
- 9.0 p.m.—ROYAL AUTOMOBILE CLUB OF VICTORIA'S MESSAGE FOR TO-DAY (IS FOR MOTORISTS—)
"Never fail to stop after an accident in which your car is even remotely concerned, whether you consider the occurrence your fault or not."

Announcements.

- 9.5 p.m.—KEITH DESMOND:
"Thy Will be Done."
"Sixpence" (Dryshlow).
- 11 p.m.—MR. C. J. WILLIAMS:
Saturday's Stadium Event.
- 12 p.m.—MADAME LAMBERT, soprano:
"Here Comes" (Puccini).
"Noli Me Tangere" (De Luca).
- 12.20 p.m.—"CARDIOAN" (Mr. H. W. Wolfe, Sporting Editor of the "Argus" and the "Australasian") will speak on Saturday's Races.
- 12.30 p.m.—STUDIO ORCHESTRA:
Suite, "No. 3 Polacca" (Tchaikowski).
- 12.45 p.m.—ISABEL RIDDEL, contralto:
"The May Night" (Strauss).
"Gracie Song" (Schubert).
- 12.53 p.m.—Meteorological Information. Road Notes supplied by the Automobile Club of Victoria.
- 12.55 p.m.—COLLINGWOOD CITIZENS' BAND:
Trombone solo, "The Trumpet."
March, "Behind the House."
1.0 p.m.—CARLTON CHASK:
"Rockabye Baby Dines."
"Broad New Gal of Mine."
- 10.11 p.m.—BERTHA JOHNSON, violin.
Fratin Pines" (Strahm).
- 10.32 p.m.—"Argus" News Service. British Official Wireless News.
- 10.28 p.m.—COLLINGWOOD CITIZENS' BAND:

- Novely, "Shidin' Thro' the Bye,"
Gavotte, "White Lilies."
- 10.35 p.m.—HARRY NORTH, concertina:
"Old Favourite."
10.45 p.m.—JOE ARONSON AND HIS SYM-PHONISTS:
"Reaching for the Moon" (Davis).
"By the Waters of Minnetonka" (Llewellyn).
- "That's My Gal" (Davis).
"I Want a Garden for Daddy" (Roat).
11.0 p.m.—OUR GREAT THOUGHT:
"The Bless thy sweet growth, our cutch As miles, but drive unseen and dumb. Keep clean, be so firm, each life and watch Till the white-wing'd reapers come."
Hedy Vaughan.
- 11.1 p.m.—JOE ARONSON AND HIS SYM-PHONISTS:
11.40 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

Associated Radio Co.
Wave Length, 484 Metres.

Friday

- MIDDAY CONCERT SESSION.
Programme-Director, Mr. Godfrey Hayes.
12.1 p.m.—Transmitted from Panatrophe House, 252 Collins Street (by exclusive permission of Wills and Faton, Ltd.) on the Brunswick Panatrophe.
1.00 p.m.—Close down.
- 1.30 p.m.—Studio Orchestra:
"Tava," Fantasia (Lopold).
2.47 p.m.—Mr. Ernest Pattison, clarinet:
"La Militaire" (Raymond).
2.51 p.m.—Ayrax Danzonians.
3.5 p.m.—Miss Ethel Beasley, piano:
"La Vain" (Greig).
- 3.10 p.m.—Studio Orchestra:
Three Arabian Nights (Ring).
3.22 p.m.—Miss Lillian Van Bode, soprano:
"Love has eyes" (Bishop).
"Can you sew cushions" (Traditional).
- 3.30 p.m.—Ayrax Danzonians:
Fox trot, "All I want is you" (Akst).
"Somewhere" (Akst).
"You know Love you" (Burke).
- 3.45 p.m.—Mr. Herbert Peltzer, violin:
"L'Amico Fritz" (Mascagni).
- 3.49 p.m.—Studio Orchestra:
"Cinderella," a Fairy Suite (Homes).
4.0 p.m.—G.P.O. clock says, "Four."
4.1 p.m.—Second weather forecast.
4.4 p.m.—Ayrax Danzonians:
Fox trot, "Nary, Nary, Neighbor" (Conlow).
"If I only had you" (fox trot).
Waltz, "Frat Hauling Waltz" (Goldstein).

- 4.25 p.m.—Miss Lillian Van Bode, soprano:
"To a minister" (Max Bradley).
"The Swan" (Grieg).
- 4.30 p.m.—Studio Orchestra:
Selection, "Eglib" (Jachin).
"The Snow White Melody" (Sommer).
"The Snowy Gables Melody" (Sommer).
"Invitation to the Walls" (Weber).
- 4.55 p.m.—To-night's entertainment.
- 5 p.m.—Close down.
- 6.30 p.m.—"The Farmyard Five," transmitted from Kookaburra Gully, the 3AR up-country station.

EVENING SESSION.

- Studio Master, Mr. V. Upton Brown.
Personal Accompanist, Mr. Walter Quicke.
- 7.30 p.m.—Health talk by Mr. George Beattie, principal of the Benzie College of Physical Culture.
- 7.45 p.m.—To-morrow's races. Special review and tips by the turf expert, "Field Glasses."
- 7.50 p.m.—Market reports.
- 7.55 p.m.—Week-end tourists' guide.
- 8 p.m.—G.P.O. clock says, "Eight."
- 8.1 p.m.—Pope Major D, Macpherson:
Irish Melodies.
Irish Jigs and Reels.
8.15 p.m.—Mr. W. J. Caffrey, from the Emerald Isle:
Irish Humor.
"Nora Anushka" (Caffrey).
- 8.21 p.m.—Eunice Gregory, violin:
"Londonderry Air" (Arr. Kreisler).
- 8.25 p.m.—Shella Buchanan, contralto:
"The Hills of Donegal" (Sanderson).
"Ashore."
- 8.29 p.m.—Mr. W. J. Caffrey, more Irish humor:
"Michael Nolox" choruses.
- 8.36 p.m.—Pope Major D, Macpherson:
"Irish Melodies" (Macpherson).
- "Jigs" (Caffrey).
Vocal recital excerpts from Grand Opera.
- 8.43 p.m.—Katie Hocking, soprano:
"Ritorna Vincitor," from Aida (Verdi).
- 8.52 p.m.—T. James Lloyd, tenor:
"On with the Motley," from Façilacé (Leoncavallo).
"Let her Believe," from the Girl of the Golden West (Puccini).
- 8.58 p.m.—William Starr, baritone:
"Eri tu Che Macchiarli," from Un Ballo in maschera (Verdi).
- 9.6 p.m.—Katie Hocking, soprano:
"The Jewel Song" from Faust (Gounod).
- 9.14 p.m.—Mr. William Starr, baritone:
"Even Bravest Hearts," from Faust (Gounod).
"Il Ballo del Ser Sorriso," from Il Trovatore (Verdi).
- 9.22 p.m.—Items of interest and pleasure.
Miss Róyhna Chishelm, M.A., principal of the Baily Macpherson College of Domestic Science.
- 9.31 p.m.—Shella Buchanan, contralto.
"The Splendor of the Morn" (Sanderson).
"The Silver Star" (Chaminade).
- 9.44 p.m.—Eunice Gregory, violin:
"La Folia" (Corelli).
"The Swan" (Saint-Saens).
- 9.53 p.m.—T. James Lloyd, tenor:
"The Little Old Garden" (Revvitt).
"I heard you Singing" (Coates).
- 10 p.m.—G.P.O. clock says, "Ten."
10.1 p.m.—"The Age" news bulletin.
- 10.5 p.m.—Dance Hour. Leggett's Ballroom Orchestra (Direction, Mr. Harry Nangle).
- 10.45 p.m.—To-morrow's entertainment.
- 10.5 p.m.—G.P.O. clock says, "Eleven."
God Save the King.

NEW ZEALAND STATIONS:

1YA, Auckland, The Radio Broadcasting Co. of New Zealand, Ltd.
Power 500 Watts; Wave-length, 420 Metres. Silent Night, Monday.

2YK, Wellington, The Radio Broadcasting Co. of New Zealand, Ltd.
Power 120 Watts; Wave-length, 295 Metres.

3YA, Christchurch, The Radio Broadcasting Co. of New Zealand, Ltd.
Power 500 Watts; Wave-length, 400 Metres. Silent Night, Thursday.

4YA, Dunedin, The Radio Broadcasting Co. of New Zealand, Ltd.
Power 750 Watts; Wave-length, 435 Metres.

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—

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1 Radiokes Kit, split primary screened coils, £3/15/-	£3/15/-
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2 Advance Midget Condensers	each 6/6
2 Geo Transformers	each 35/-
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1 Knob for Condenser	1/-
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7.20 p.m.—Lunch hour music played by Hotel Carlton Symphony Orchestra.
FROM THE OBSERVATORY.
 1.00 p.m.—Standard time signal.
 2 p.m.—Close down.

AFTERNOON SESSION.

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

EARLY EVENING SESSION.

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

NIGHT SESSION.

W.E.A. MUSIC CLASS.

The Workers' Educational Association Tutorial Classes in music are being held in the Reception Hall at 496 1/2 this season, and are being conducted by Mr. George Sampson, F.R.C.O. (Musical Adviser, Department of Public Instruction, Lecturer in Music, Teachers' Training College).
 The object of holding the classes at 496 1/2 is to broadcast the lectures and music, and so make available to a large audience the educational matter prepared for students.
 The classes will extend over a period, and will be held each Friday night.
 The usual routine (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 at the lecture.

FROM THE RECEPTION HALL.

7.45 p.m.—W.E.A. Music Class. The lecture will be illustrated by the following artists: Mr. A. H. Smith (alto voice), Mr. Hatton (soprano voice), Mr. B. Smith (voice), Mr. Felix Jefferson (cello).

STUDIO PROGRAMME.

8.10 p.m.—Overture, "Trio" (Losey), the Studio Orchestra (conductor, Mr. A. R. Featherston) soprano solo, "Oblivion" (Piontelli), Miss Ruth Portraie; Hawaiian instrumentalists, the Kahala Trio; cornet solo, selected, Mr. F. Bowers; soprano solo, "When Love Fills Your Heart with a Song" (Lockton), Mrs. L. Hunter; fox-trot, "It's a Bird" (Kauffman), the Studio Orchestra; dancing from Dickens, "The Bachelor's Party at Bob Sawyer's"; "Pickwick Musical" (Mr. Bromberg); Hawaiian instrumentalists, the Kahala Trio; soprano solo, "Indian Love Call" (Prinz), Miss Ruth Portraie; selection "Duffy Duff" (Stothard), the Studio Orchestra; soprano solo, "Waiting" (Rogby), Mrs. L. Hunter; march, "More Fraternity" (Palmere), the Studio Orchestra.
 10.30 p.m.—"The Daily Mail" news; weather news. **CLOSE DOWN.**

FROM THE SOUTH BRISBANE TOWN HALL.

10.30 p.m.—The dance music played for the Annual Shell Ball will be relayed.
 12 midnight—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 a.m.—"Advertiser" news service and Market reports.
 12.45 p.m.—Studio Music.
 3 p.m.—Community Singing from the Adelaide Town Hall.
 2 p.m.—G.P.O. chimes and close down.

AFTERNOON SESSION.

3 p.m.—G.P.O. chimes.
 3.1 p.m.—Relay from Maple Leaf-Cathedral selections.

3.15 p.m.—Studio Music.
 4 p.m.—G.P.O. chimes.
 4.1 p.m.—Relay from Arcadia Cafe—Orchestral selections.
 4.05 p.m.—Station announcements.
 5 p.m.—G.P.O. chimes and close down.

EVENING SESSION.

6 p.m.—G.P.O. chimes.
 6.1 p.m.—Relay from Covent Gardens—Orchestral selections.
 6.35 p.m.—Childrens entertainment.
 7.30 p.m.—Market reports, stock Exchange Intelligence, Retail Grocers reports, Automobile Association bulletin, and Fish Market reports.
 7.40 p.m.—Sporting talk by "Windbag".
 7.50 p.m.—Football Talk by "High Mark".
 8 p.m.—G.P.O. chimes.
 8.1 p.m.—Relay Malinin Rejd's Moody Masters From the Studio.
 Margaret Pirie, contralto.
 Don Fraser, comedian.
 William Rowell, dramatic elocutionist.
 Tom Chander, bass.
 Mrs. Hubert James, pianiste.
 10 p.m.—"Advertiser" News Service and Wireless Reporting.
 10.15 p.m.—Fred Cavett's Savannah Syncopators.
 11 p.m.—Station announcements.
 Weather bulletin.
 National Anthem.

6WF, PERTH

Western Farmer's.
 Wave Length, 1260 Metres.

Friday

12.30 p.m.—Time in.
 12.35 p.m.—First Local News Bulletin. Market reports. Chimes.
 1 p.m.—Time signal from Perth Observatory.
 1.1 p.m.—Weather Notes, supplied by the Meteorological Bureau of Western Australia.
 1.3 p.m.—STUDIO QUINTETT.
 2 p.m.—Close down.
 2.30 p.m.—Speech by the Right Hon. Stanley Bruce, P.M., M.H.R., Prime Minister of Australia, relayed from the V.A.L. Hall.
 3.30 p.m.—Time in.
 2.35 p.m.—Musical programme.
 4.30 p.m.—Close down.
 5.04 p.m.—Time in.
 5.05 p.m.—Musical evening for the kiddies by Aurdie Marjorie, and Uncles Henry, Leslie, Perry and Duffy.
 7.30 p.m.—Stock and Share intelligence. Market reports. Chimes. News by courtesy of "The West Australian" Newspaper Co.
 7.45 p.m.—Talk by "Culler" on Saturday's racing.
 8 p.m.—Time signal from Perth Observatory.
 8.1 p.m.—Weather Notes, supplied by the Meteorological Bureau of Western Australia.
 8.5 p.m.—POPULAR NIGHT.
 Musical programme, including Aristles.
 9 p.m.—Talk, "Gardening Notes" by Mr. E. A. Harries, representing Messrs. Dawson and Harrison.
 9.58 p.m.—Late News Items by courtesy of "The Daily News" Newspaper Co. Ships within Range announcement. Weather report and Forecast.
 10 p.m.—Health talk by Mr. H. S. Hatton, of the Hatton School of Physical Culture.
 10.30 p.m.—Close down.

7ZL, HOBART

Tasmanian Broadcasters, Ltd.

Friday.

MORNING SESSION.

11 a.m.—Chimes and time in.
 11.1 a.m.—Time in selection.
 11.5 a.m.—Tasmanian stations 9 a.m. weather report.
 11.10 a.m.—"Mercury" news service.
 11.35 a.m.—Shipping information. Ships within wireless range.
 11.40 a.m.—Mail notices. Commercial news. Foreign exchange market. Housewives' guide.

11.50 a.m.—What's Doing; Amusement guide.
 11.55 a.m.—Musical selection.
 12 noon.—G.P.O. Clock Chimes.
 Close down.

AFTERNOON SESSION.

3 p.m.—G.P.O. Clock Chimes.
 3.1 p.m.—Orchestral selections by 72L Orchestra.
 4.15 p.m.—Educational Talk.
 4.25 p.m.—Robart Stock Exchange quotations.
 4.30 p.m.—Close down.

EARLY EVENING SESSION.

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

NIGHT SESSION.

7.30 p.m.—Fruit, poultry and produce reports through the courtesy of Roberts and Co., Ltd., Hobart.
 7.50 p.m.—Singing Talk by Mr. George Nation. Helen Nurseries Cascades.
 7.55 p.m.—"Mercury" special Tasmanian news service.
 7.55 p.m.—Railway auction produce sales. Robart Stock Exchange quotations.
 Weather intelligence.
 8 p.m.—G.P.O. Clock Chimes.
 8.15-8.30 p.m.—Concert from the Studio: Mrs. Ken Dyer (mezzo soprano), Miss Mona McGuille (soprano), Miss Joan Allport (alto-contralto), Miss Ruby Preece (pianist), Mr. Victor Phurnell (bass solo).
 8.30 p.m.—Talk on tomorrow's football, North-West v. South by "Snowy Mark".
 9.01 p.m.—British official wireless news.
 9.05 p.m.—"Mercury" special interstate news service. Tasmanian District Weather reports.
 9.05 a.m.—Weather synopsis. Station announcements. Travellers' weekend information.
 10 p.m.—Close down.

Saturday, July 9
2FC, SYDNEY

EARLY MORNING SESSION.

7 a.m.—"Big Ben" and announcements.
 7.5 a.m.—Studio music.
 7.15 a.m.—COUNTRY SESSION: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail service.
 7.25 a.m.—Investment market, mining share market, stock quotations.
 7.35 a.m.—Weather sales, breadstuffs markets, interstate markets, produce markets.
 7.45 a.m.—"Sydney Morning Herald" news service.
 8 a.m.—"Big Ben" Close down.
MORNING SESSION.
 10 a.m.—"Big Ben" and announcements.
 10.35 a.m.—Studio music.
 10.45 a.m.—"Sydney Morning Herald" news service.
 10.50 a.m.—Studio music.
 11.00 a.m.—A talk by the 2FC Racing Commissioner.
 11.05 a.m.—Studio music.
 11.15 a.m.—A talk on Gardening by Mr. G. J. Luckey ("Redman").
 11.30 a.m.—Close down.
MIDDAY AND AFTERNOON SESSION.
 12 noon.—"Big Ben".
 Stock Exchange, first call.
 12.3 p.m.—Studio music.
 12.20 p.m.—"Sydney Morning Herald" news and Rugby Wireless News.
NOTE. Race event of the Moorefield Racing Club's Meeting will be described in the running by the 2FC Racing Commissioner.
 1 p.m.—"Big Ben." Weather intelligence.
 1.3 p.m.—"Evening News" midday news service.



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2BL, SYDNEY

Saturday.

1.20 p.m.—Studio music.
NOTE: Musical Items will be given throughout the afternoon during the intervals of racing events, including MR. CLIFF ARNOLD, novelty pianist, and THE WESTWORTH SYMPHONIC DANCE ORCHESTRA, conducted by Mr. Frederick Leighton.
 4.00 p.m.—A complete resume of the day's sporting events.
 5 p.m.—"Big Ben" Close down.
EARLY EVENING SESSION.
 5.45 p.m.—The Chimes of 2FC.
 6.00 p.m.—The "Helio Man" talks to the children.
 6.30 p.m.—Story time for the young folks.
 6.48 p.m.—Dinner music.
 7 p.m.—"Big Ben" Late sporting news.
 7.15 p.m.—Weather intelligence.
 7.16 p.m.—"Evening News" late news service.
NIGHT SESSION.
 7.30 p.m.—A message of Greeting on the Opening of ZKY, Wellington, New Zealand, which station operates at night on its increased power.
 7.35 p.m.—A relay from ZKY.
 8 p.m.—THE CRYSTAL PALACE THEATRE ORCHESTRA.
 Conductor, Mr. Harry Stone.
 8.15 p.m.—THE "SPARKLETS" introduce themselves and sing "How do you Do?"
 8.17 p.m.—PEGGY DUNBAR, contralto;
 Ernest Archer, tenor.
 8.20 p.m.—MAIDA JONES and RUS GARLING.
 "On the Telephone."
 8.25 p.m.—Let's all Fox Trot.
 8.30 p.m.—ERNEST ARCHER, tenor;
 "Maercha."
 8.41 p.m.—A Musical Interlude by the HONOLULU TRIO.
 "Hawaiian Rose" (Kildman).
 8.48 p.m.—CHARLES LAWRENCE, entertainer.
 "Mirthful Murders."
 8.54 p.m.—WILFRED THOMAS, bassist;
 "Old Simon the Collier" (Hilton).
 8.57 p.m.—BRUNTON GIBB, entertainer;
 A "Sparkler's" Sketch.
 8.58 p.m.—Select your partners for another Fox Trot.
 9 p.m.—MAIDA JONES, soprano;
 "Oh, Algerion!"
 9.14 p.m.—RUS GARLING will present a burlesque "Sound Session for Crossings."
 9.18 p.m.—THE HONOLULU TRIO, in a Musical Novelty.
 9.35 p.m.—PEGGY DUNBAR (contralto) and WILFRED THOMAS (bassist).
 Duet, "Oh that we two were Making" (Smith).
 9.50 p.m.—"JEKKA" joins the Jokers.
 9.54 p.m.—WILFRED THOMAS, bass, will sing "Mandala," supported by the "Sparklets."
 9.58 p.m.—The "Sparklets" will present a burlesque "Sound Competition."
 9.52 p.m.—CHARLES LAWRENCE, entertainer, in musical comedy.
 "Fishy Fishing Story" (Barley).
 9.58 p.m.—ERNEST ARCHER, tenor;
 "Bells of Brittany" (Phillips).
 10 p.m.—The "Sparklets" finish up with "Smiles."
 9.45 p.m.—THE CRYSTAL PALACE THEATRE ORCHESTRA.
 Conductor, Mr. Harry Stone.
 10 p.m.—PEGGY DUNBAR, contralto.
 10.4 p.m.—THE HONOLULU TRIO:
 (a) "Drifting and Dreaming" (Curtis).
 (b) "In a Little Spanish Town" (Wayne).
 10.10 p.m.—BRUNTON GIBB, entertainer.
 10.14 p.m.—ERNEST ARCHER, tenor:
 (a) "Love Lily" (Thompson).
 (b) "Ladies" (Anderson).
 10.20 p.m.—THE CRYSTAL PALACE THEATRE ORCHESTRA.
 Conductor, Mr. Harry Stone.
 10.30 p.m.—THE WESTWORTH SYMPHONIC DANCE ORCHESTRA.
 Conductor, Mr. Frederick Leighton.
 10.57 p.m.—Late news and announcements.
 11 p.m.—"Big Ben."
 THE WESTWORTH SYMPHONIC DANCE ORCHESTRA, in popular numbers until 11.45 p.m.
 11.45 p.m.—National Anthem.
 Close down.

EARLY MORNING SESSION.
 7.0 a.m.—G.P.O. Clock and Chimes; Metropolitan Weather Forecast.
 7.2 a.m.—State Weather Report.
 7.4 a.m.—News Service.
 7.6 a.m.—Fruit Market Report.
 7.8 a.m.—Vegetable Market Report.
 7.50 a.m.—Australian Mercantile Land and Finance Co.'s Report.
 7.54 a.m.—Dairy and Farm Produce Market Report.
 7.56 a.m.—Poultry Market Report.
 8.00 a.m.—G.P.O. Clock and Chimes; Musical Programme from the Studio.
 7.38 a.m.—News Service.
 7.40 a.m.—Dots in Call by Wirecast.
 7.44 a.m.—Mail Information; Shipping Arrivals and Departures; and Post Directory.
 7.48 a.m.—News Service.
 8.0 a.m.—G.P.O. Clock and Chimes; Close Down.

MORNING SESSION.
 11.0 a.m.—G.P.O. Clock and Chimes; Musical Programme from the studio.
 11.15 a.m.—Social Notes by Mes. Jordan, Talk on "Simple Cooking for Children," by Mrs. Jordan.

AFTERNOON SESSION.
 12 noon.—G.P.O. Clock and Chimes; Special Ocean Forecast and Weather Report.
 12.4 p.m.—News from the "Sun."
 12.15 p.m.—Sporting and Athletic Fixtures.
 12.16 p.m.—What's on at the Pictures and Theatres.
 12.20 p.m.—Musical Programme from the Studio.
 12.40 p.m.—News from the "Sun."
 12.50 p.m.—Racing Resume.
 12.55 p.m.—Musical Programme from the Studio.
 1.00 p.m.—G.P.O. Clock and Chimes; Musical Programme from the Studio.
 1.10 p.m.—Sporting Talk and Athletic Fixtures for the day; Lacrosse, Hockey, Tennis, Golf, Snail, Boating.
 1.20 p.m.—Musical Programme from the Studio.
 1.30 p.m.—G.P.O. Clock and Chimes; Talk to Children and Special Entertainment for Children in Hospital.
 2.0 p.m.—G.P.O. Clock and Chimes; Serial Story.
 2.15 p.m.—Musical Programme from the Studio.
 2.25 p.m.—Racing Resume.
 2.30 p.m.—G.P.O. Clock and Chimes; News from the "Sun."
 During the afternoon sporting information will be broadcast by courtesy of the "Sun," interspersed with Musical Items and broadcasting of Football Matches.
 3.0 a.m.—Racing Resume.
 3.5 p.m.—Close Down.

EARLY EVENING SESSION.
 6.48 p.m.—G.P.O. Clock and Chimes; Uncle George and the Kiddies.
 6.50 p.m.—Musical Programme from the Studio.
 7.10 p.m.—Results of All Sporting Information, including Racing, Bowls, Tennis, Athletics, by courtesy of the "Sun."
 7.30 p.m.—Country News from the "Sun."
EVENING SESSION.
 8.0 p.m.—G.P.O. Clock and Chimes; Broad eastern Topical Chorus, including: Mr. Leslie Boreford (Baritone), Miss Hilda Boreford (Soprano), Mr. Reg. Harrison (Comedian), Miss Mabel Fotheringham (Soubrette); Talk by Brings.
 8.15 p.m.—The Ambassadors' Dance Band broadcast from the Ambassadors. "Sun" News will be broadcast during intervals.
 12 midnight.—G.P.O. Clock and Chimes; National Anthem.

3LU, MELBOURNE.

Saturday

MORNING SESSION.
 11 a.m.—STUDIO ORCHESTRA:
 "Medical Jigsaw."
 11.10 a.m.—CARLTON CHASE:
 "Boo La!"

"Take in the Sun, Hang out the Moon."
 11.17 a.m.—HARRY NORTH, comedian:
 "Old Time Favorites."
 11.24 p.m.—STUDIO ORCHESTRA:
 "Predictions from" (Lindemann).
 11.31 a.m.—KATH BERNON:
 "Dustoff, V.G." (Campbell).
 "My Masquerade" (Mr. Campbell).
 11.41 a.m.—WALTER SMITH, comic:
 "Northern Lights" (Smith).
 11.45 a.m.—STUDIO ORCHESTRA:
 "Suite of Four Poetic Autumn Leaves" (Anderson).
 12 noon.—Time signal, Metal Prices received by the Australian Mines and Metals Association from the London Stock Exchange this day. British Wireless News from Rugby, Reuters's and the Australian Press Association Cables, "Argus" News Service.
 12.20 p.m.—STUDIO ORCHESTRA:
 "Thousand and One Nights" (Harrison).
 "Morning Journal" (Anderson).
 12.30 p.m.—DARYL TRIO:
 "Piano, Romance and Flat" (Sibbell).
 "Victory" (Mines) (Gentheven).
 "Albion Leaf" (Sill).
 Trio, "Smile a Little Bit" (Morton and Shewell).
 12.42 p.m.—Stock Exchange Information.
 12.46 p.m.—STUDIO ORCHESTRA.
 12.55 p.m.—MADAME LAMBERT, soprano:
 "Valse de Boretta" (Fucini).
 1 p.m.—Description of LAWN HANGING AT FLEMINGTON RACES, by "Muskie" of the "Sporting Globe."
 1.8 p.m.—HARRY NORTH:
 English Concertina Selections.
 1.12 p.m.—Meteorological Information, Shipping Intelligence, Weather Forecast for Victoria, Tasmania, South Australia, and New South Wales. Ocean Forecast, River Reports.
 1.19 p.m.—STUDIO ORCHESTRA:
 "Ballet of Flowers," No. 8 (Hedley).
 1.26 p.m.—CAPT. DONALD MACLEAN:
 "Captain Maclean."
 1.40 p.m.—Description of BOUETTA GALLA HURDLE, FLEMINGTON RACES, by "Muskie" of the "Sporting Globe."
 1.45 p.m.—STUDIO ORCHESTRA:
 "To Mission San Francisco" (Strickland).
 1.53 p.m.—CARLTON CLASS:
 "A Gentleman of France."
 2.2 p.m.—Close down.
 2.25 p.m.—Description of TRIAL HURDLE, FLEMINGTON, by "Muskie" of the "Sporting Globe."
 2.40 p.m.—LEAGUE FOOTBALL—MELBOURNE v. COLLINGWOOD, at M.C.G. Described by Mr. Rod McGregor from M.C.G.
 2.59 p.m.—Close down.
AFTERNOON SESSION.
 3 p.m.—JOE ARONSON and HIS SYNCO-SYMPHONISTS:
 "Burgandy" (Malle).
 "To-night's My Night with Baby" (Meren).
 "The Moon is Better than No Moon" (Hennell).
 "Deluding" (West).
 "In a Little Spanish Town" (Wayne).
 3.15 p.m.—Description of GRAND NATIONAL, STEEPLE CHASE, FLEMINGTON, by "Muskie" of the "Sporting Globe."
 3.20 p.m.—LEAGUE FOOTBALL—MELBOURNE v. COLLINGWOOD, at M.C.G. Quarter time Described by Mr. Rod McGregor from M.C.G.
 3.30 p.m.—JOE ARONSON and HIS SYNCO-SYMPHONISTS:
 "I'm a Little Bit of a Fool" (Brown).
 "I've Been Wasting My Dreams Over You" (O'Hagan).
 "Take in the Sun, Hang out the Moon" (Wood).
 3.50 p.m.—Description of FOOTCRAZY STEEPLE CHASE, FLEMINGTON, by "Muskie" of the "Sporting Globe."
 3.55 p.m.—JOE ARONSON and HIS SYNCO-SYMPHONISTS:
 "Dinner-time" (Piano solo (Borgs)).
 "The Village Blacksmith Owns the Village Now" (Borgs).
 4 p.m.—LEAGUE FOOTBALL—MELBOURNE v. COLLINGWOOD, at M.C.G. Half-time Described by Mr. Rod McGregor from M.C.G.

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- 4.10 p.m.—**JOE ARONSON AND HIS SYNO-COPATING SYMPHONISTS:**
 - "The Longing for You" (Hainaway).
 - "Kentucky Lullaby" (Hiller).
 - "I Got the Girl" (Davidson).
 - "There Ain't No Music in My Baby's Face" (Kahlo).
 - "You're Got to Bluet Shuffle" (Hanson).
 - "Every Little Thing" (Spenner).
- 4.30 p.m.—Description of **JULY HANDBICAP, FLEMINGTON**, by "Masked," of the "Scimitar" Club.
- 4.30 p.m.—**LEAGUE FOOTBALL:**
 - MELBOURNE v. COLLINGWOOD, at M.C.G. Three-quarter game. Described by Mr. Rod McGregor, from M.C.G.
 - 4.45 p.m.—"Retail" news service. Stock Exchange information.
 - 5 p.m.—**LEAGUE FOOTBALL:**
 - MELBOURNE v. COLLINGWOOD, at M.C.G. Final game. By Mr. Rod McGregor, from M.C.G.
 - 5.10 p.m.—Close down.

EVENING SESSION.

- 5.30 p.m.—Answer to Children's Letters and Birthday Wishes.
- 5.45 p.m.—**CITIZENS HALF HOUR:**
 - 6.0 p.m.—**MARION LIGHTFOOT**, Banjo: "Water Nymphs."
 - "The Patria."
 - 6.25 p.m.—**LITTLE MISS KOOKABURRA:** Story for the Littlest One: "Talk of the Fair."
 - 6.45 p.m.—**MISS ELISE BRADSHAW** will sing: "Two Songs for the Children."
 - 6.50 p.m.—**LITTLE MISS KOOKABURRA:** "The One So the Saucy Jane."
 - "The Kidnapped Constable."
 - 6.55 p.m.—"Retail" News Service: Weather Reports; Shipping Movements.
 - 6.57 p.m.—Stock Exchange Information.
 - 6.58 p.m.—Fid. Market. Reports by J. B. Barrett, Ltd., Rabbit Prices.
 - 6.59 p.m.—Burr Prices.
 - 6.59 p.m.—Market Reports: Official Report of Newmarket Sheep Sales, by Jim Stock Agents' Association, Oxford Chambers, Bourke Street, Melbourne. Poultry, Cattle, Hay, Straw, Fat, Dairy Produce, Potatoes and Onions.
 - 7.0 p.m.—Market Reports of Fruit by the Victorian Fruitgrowers' Association, compiled by the "Fruit World" exclusively at B.O.

NIGHT SESSION.

- 7.15 p.m.—**MR. C. R. LONG:** "The Tercentenary of the First Voyage to the South Coast of Australia."
- 7.19 p.m.—**MR. CHAPMAN**, of the National Museum: "The Saboteurs of the Genoaists."
- 7.45 p.m.—**DR. LEACH:** "Hobson."
- 8.0 p.m.—**STUDIO ORCHESTRA:** "Barber of Seville" (Rossini).
- 8.10 p.m.—**MADAME LAMBERT**, Soprano: "L'Opera" (Lortie).
- "Serenade" (Dessini).
- 8.17 p.m.—Presentation of Prizes to Winners of the **10th SHORTHAND COMPETITION** by Genevieve Felix Lloyd. Mr. P. Duggan, the Adjudicator, will also give a few words.
- 8.21 p.m.—**STRING QUARTETTE:** "Quartet" (Haydn).
- 8.35 p.m.—**ALAN MITCHELL**, Tenor: "Love, I Have Won You" (London Bennett), "La Dama" (Rossini).
- 8.45 p.m.—**MARION LIGHTFOOT**, Guitar: "Mahaia" (Waltz), "Hawaiian Haka."
- 8.50 p.m.—**STUDIO ORCHESTRA:** "Solo" (In Quilster).
- 8.55 p.m.—Announcements.
- THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TODAY IS FOR BELIEVERS TRIANS:** "Always use both ways before crossing. Don't suddenly stop or the footway without looking and a 100 feet back to sueside traffic."
- 9.0 p.m.—**A PLAY: "THE SETTING OF THE SUN"** (Lillian). A scene from the life of a man of old country, visit, his two daughters and a lover.

- CHARACTERS:**
 - A. Vear Rev. James Moorfield
 - His Elder Daughter Janet Moorfield
 - His Younger Daughter Lily Moorfield
 - The Lover Harry Lane
- SCENE:** Exterior of "Vicarage" opening out to a Garden. Table set for tea in the porch. Time: Sunset.
- 9.35 p.m.—**STATION TRIP:** "Lahrner's Farewell" (Wagner).
- "Flicker Song" (from "Carnegie" (Parr).
- 9.45 p.m.—**MADAME LAMBERT**, Soprano: "Madame Butterfly" (Puccini).
- 8.45 p.m.—**DOROTHY ROXBURGH**, Viola: "Serenade."
- "Sonia" in G Minor" (Bach).
- 10.2 p.m.—Late Sporting Results.
- 10.22 p.m.—**STUDIO ORCHESTRA:** "Military Symphonies" (Haydn).
- 10.19 p.m.—**ALAN MITCHELL**, Tenor: "I Will Avail Thee" (Desert Love Song), "My Heart's Desire" (Desert Love Song).
- 10.26 p.m.—**JOE ARONSON AND HIS SYNO-COPATING SYMPHONISTS:** Novelty Numbers.
- 10.30 p.m.—**CARLTON CHASE**, Musical Monologue: "Whispering Bill."
- 10.42 p.m.—**STUDIO ORCHESTRA:** "Deep Sea Romance" (Lalor).
- 10.45 p.m.—**MR. NORMAN McCANCE** will give a resume of to-night's Stadium Event.
- 11.0 p.m.—**OUR GREAT TROUBLES:** "He who, when he hath the power, doeth not know when he loses the means will suffer distress. There is not a more unfortunate wretch than the oppressor." In the day of adversity nobody is his friend." —Saadi.
- 11.1 p.m.—**JOE ARONSON AND HIS SYNO-COPATING SYMPHONISTS:** 11.40 p.m.—**GOD SAVE THE KING.**

3AR, MELBOURNE

- Saturday.**
- MORNING NEWS SESSION** Studio Master: Mr. Alan Lacaine. 11.0 a.m. to 12 noon.
- MIDDAY CONCERT SESSION.** Programme Director: Mr. Geoffrey Hayes. 12.1 p.m.—Transmitted from Panatour House, 252 Collins Street, by the exclusive permission of Wills and Paton, Ltd., on the Brunswick Canal.
- 1.0 p.m.—Lover Handicap, 8 furlongs, at Flemington.
- 1.40 p.m.—Boots Galts-Hurdles, 2 1/2 miles, at Flemington.
- AFTERNOON SESSION.**
- STUDIO CONCERT.** 2.30 p.m.—Studio Orchestra: Direction, Mr. Harold Bryant. "Three Famous Pictures" (Haydn Wood). 2.45 p.m.—The Melodique Four, Male Quartet: Mr. Daniels, Tenor; Mr. Allen, Alto; Mr. Thomson, Baritone; Mr. Scott, Bass. "Lovely Night."
- 2.50 p.m.—Studio Orchestra: "Plantation Songs" (Gibson).
- 2.50 p.m.—Mr. Fischer, Female Violin: "Humoreske" (Tschikowsky-Kreisler).
- 3.1 p.m.—Studio Orchestra: "My Lake of Geneva" (Bendel), Part One and Two.
- 3.10 p.m.—The Melodique Four: "In a Gondola."
- 3.20 p.m.—Studio Orchestra: "Four Spanish Pictures" (Liszt).
- 3.27 p.m.—The Melodique Four: "Comrades in Arms."
- 3.31 p.m.—Studio Orchestra: "Comedy Duet" (Tenor and Baritone).
- 3.50 p.m.—Footrace: Saddle, 2 miles and 1/2 furlongs, at Flemington.
- 3.51 p.m.—Studio Orchestra: "Egyptian Impressions" (Christ).
- 4.0 p.m.—Melodique Four: "Honey, We've You Now."
- 4.10 p.m.—Studio Orchestra: Selection, "The First Kiss" (Laurie).
- 4.10 p.m.—Mr. Ronald Bramley, Cellist: "O' Star of Eve" (Wagner).

- 4.24 p.m.—Studio Orchestra: "Cannonetta" (Tschikowsky).
- "Piano del Popolo" (Joni-Fredrickson).
- 4.30 p.m.—July Handicap, 1 mile, at Flemington.
- 4.32 p.m.—Melodique Four: "The Rosary" (Bevlin).
- 4.35 p.m.—Studio Orchestra: "Romance sans paroles" (Hoffhoff), "The Eternal Spring" (Holt).
- "Nodding Daffodils" (Clarke).
- 4.45 p.m.—"Tonight's Entertainment."
- 5.0 p.m.—G.P.O. Clock says "Five": Close Down.

CHILDREN'S SESSION.

- 6.30 p.m.—Uncle Max's Entertainment.
- EVENING SESSION.**
- HAND AND CAMP-FIRE.** 7.30 p.m.—"Everyman's Garden," Mr. Harold Ashton.
- 7.45 p.m.—Market Reports; Notices; To-day's Sports Results.
- 8.0 p.m.—G.P.O. Clock says "Eight."
- 8.1 p.m.—Jollimore Railway Workshope Band: March "Congarag" (Z. Moorhouse).
- Fox Trot, "Bye, Bye, Blackbird" (Henderson).
- 8.16 p.m.—Mr. Charles Pope, Colored Comedian.
- 8.17 p.m.—Jollimore Railway Workshope Band: Valse "Over the Waves" (Rossi).
- 8.27 p.m.—Round the Camp Fire: Narrative: Mr. V. Union-Brown, Music, Song, and Verse; Gray and Gay, by the Authors and Poets of Australasia.
- 8.0 p.m.—Jollimore Railway Workshope Band: Serenade, "O Sole Mio" (du Capua).
- Fox Trot, "Just a Bird's Eye View" (Davidson).
- 9.0 p.m.—Mr. Ronald Nelson, Australian Comedian: Sketch: "The Labor Leader" (Caulfield). Sketch: "Billie" (Frod Hall).
- 9.17 p.m.—Jollimore Railway Workshope Band: Selection, "Lullaby" (Wallace).
- 9.27 p.m.—Mrs. Charlie Pope, Colored Comedian.
- 9.35 p.m.—Jollimore Railway Workshope Band: Sketch: "The Cavalier" (Hall). Fox Trot, "Meadow Lark" (Fierito).
- 9.44 p.m.—Mr. Ronald Nelson, Australian Comedian: "Show That Endure the Door" (Stone). "Mr Pat in the Lamp Post" (Noggett).
- 9.50 p.m.—Jollimore Railway Workshope Band: Fox Trot, "Thinking of You" (Denslow). Waltz, "In a Little Spanish Town" (Alyson).
- 10.0 p.m.—"The Age" News Bulletin.
- 10.6 p.m.—Jollimore Railway Workshope Band: March "Jack o' Lantern" (Hempner). 10.10 p.m.—"Justice Hour" (Justice). Ballroom Orchestra: Direction, Mr. Harry Naugeth. 10.50 p.m.—"To-morrow's Entertainment."
- 11.0 p.m.—G.P.O. Clock says "Eleven": God Save the King.

4QG, BRISBANE

- Saturday.**
- NO MIDDAY TRANSMISSION.**
- AFTERNOON SESSION.**
- CHILDREN'S ENTERTAINMENT.** A special children's entertainment will be held in the reception hall at Station 4QG this afternoon. During the past two or three weeks little letters were addressed that first double exclamation would be given away, and that the first fifty applications drawn from a box containing all the applications would receive the tickets. The drawing will take place some 1.35 p.m. and the winners' names have been broadcast and published. Ticket holders will be accommodated in the reception hall at 4QG, and by courtesy of Metro-Goldwyn Films, a children's picture will be screened. All the bedtime story-tellers will be present, and will entertain the children with music.

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The entertainment will be broadcast. The session will commence half-an-hour earlier than usual.

FROM THE RECEPTION HALL—
8 p.m.—Special children's entertainment.
4.50 p.m.—Close down.

EARLY EVENING SESSION.
6.30 p.m.—Bedtime stories by Uncle Ben and Uncle Jim.

7.15 p.m.—Racing results.
7.30 p.m.—Today's football play described.
7.30 p.m.—Galling Notes by Mr. P. Smith.

NIGHT SESSION.
THE SILKSTONE APOLLO CLUB.
The first portion of to-night's programme will be provided by the Silkstone Apollo Club (conductor, Mr. T. Westwood):
8 p.m.—Chorus, "The Viking Song" (Coleridge Taylor, Silkstone Apollo Club) tenor solo, soloist, Mr. D. Griffith; chorus "Aberystwyth" (Keteley); Apollo Club; baritone solo, soloist, Mr. A. Little; chorus, "The Owl and the Pussy Cat" (De Koven); Apollo Club; pianoforte solo, "Eden" (Chapin); "Movements of Mause" (Schubert); Miss Nancy White; chorus, "Cwm Rhondda"; Apollo Club; duo, "Love and War" (Cooke); Messrs. Westwood and Morris; solo, "Wist of My Heart"; Miss Theima Marsh; chorus, "Land of Hope and Glory" (Eggar); Apollo Club; cello-solo, selected, Mr. D. Owen; quartette, "Down in the Depths"; Quartette Party; song and chorus, "Mazy" (Richardson); Mr. Westwood and party; solo, "I'll Forget You"; Mr. A. Elliott; chorus, "In Absence" (Buck); Apollo Club; solo, "The Floral Dance" (Katie Moss); Mr. V. Morris; chorus, "Good-night, Beloved" (Pisanti); Apollo Club; chorus, "The Lost Chord" (Sullivan) Apollo Club.

9.30 p.m.—Metropolitan Weather forecast.
FROM LENNON'S BALLROOM—

8.31 p.m.—Dance music.
FROM THE STUDIO—

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

5CL, ADELAIDE.

Saturday.

MORNING SESSION.

11 a.m.—G.P.O. chimes.
11.1 a.m.—Studio Music.
11.10 a.m.—Advertiser News service.
11.25 a.m.—Studio Music.
11.35 a.m.—Advertiser News service.
11.55 a.m.—Studio Music.
12 noon.—G.P.O. chimes, Station Announcements. Close down.

AFTERNOON SESSION.
12.30 p.m.—Relay from Cheltenham Racecourse, a running description of the Adelaide Hunt Club Racing programme.

1.30 p.m.—Relay from the studio. Peterborough Racing Results.

Relay from Flemington, a running description of the V.R.C. Grand National Steeplechase.

6.10 p.m.—Station announcements. Final Score, League Football.

EVENING SESSION.

6 p.m.—G.P.O. chimes.
6.1 p.m.—Event Garden Dinner Music.
6.15 p.m.—Children's Entertainment.
6.30 p.m.—Market reports, Stock Exchange Intelligence, Retail Grocer's Report, Automobile Association Bulletin.
8 p.m.—G.P.O. chimes.

8.1 p.m.—Dance programme relayed from Maison De Danse, Glenelg.

9 p.m.—Official Weather report. Delphic's wheat report.

9.3 p.m.—Relay Dance Programme interspersed with vocal and instrumental numbers by Theima Bate, soprano; Green Collett, conductor; Eric Wilkins, bass; Williams and Smith, baritone.

Pianiste Sylvia Thomas.

12 p.m.—Station announcements.

Weather bulletin.

National Anthem.

6WF, PERTH.

Saturday.

12 noon.—Tune in.
12.5 p.m.—Musical programme, including pianoforte selections by MISS EVELYN WILLIS, A.R.C.M.

12.47 p.m.—First Local News Bulletin. Market reports. Cables.

1 p.m.—Time signal from Perth Observatory.
1.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.
1.2 p.m.—Close down.

6.45 p.m.—Tune in.
6.50 p.m.—Uncles Perry and Rag with the Radio Bird.

7.10 p.m.—Sports reports by courtesy of "The Mirror" Newspaper Co.

7.20 p.m.—Market reports. Cables. News by courtesy of "The West Australian."

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

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

8.2 p.m.—POPULAR NIGHT.
Musical programme, including Artists.

Dance music by Ron Morse and his band, relayed from the Cornmore Dance Hall.

10 p.m.—Late News Items by courtesy of "The Daily News" Newspaper Co. Ships within distance announcement. Weather report and Forecast.

10.30 p.m.—Close down.

7ZL, HOBART.

Saturday.

11 a.m.—G.P.O. Clock Chimes.
11.1 a.m.—Tune in selection.
11.5 a.m.—Tasmanian stations 2 a.m. weather forecast.

11.10 a.m.—British official wireless news.
11.15 a.m.—"Mercury" news service.

11.35 a.m.—Shipping information. Ships within six weeks' notice.

11.40 a.m.—Mail notices, Congratulatory news. Foreign exchange market.

11.45 a.m.—Hobart Stock Exchange quotations.
11.50 a.m.—Sporting anticipations.
11.55 a.m.—Musical selections.

12 noon.—G.P.O. Clock Chimes.
Close down.

AFTERNOON SESSION.

1 p.m.—G.P.O. Clock Chimes.
1.1 p.m.—From the North Hobart Cricket ground: A full description of the North-West-south League Football Match broadcast by "Whisper" Marsh.

Close down.

EARLY EVENING SESSION.
6.49 p.m.—"Big Brother" talks to his pals.
Uncles Herb talks to the children.

7.50 p.m.—Musical selection.

7.35 p.m.—Alfredson P. D. Valentine; subject, "Tasmania's Scenic and Pleasure Resorts."

7.40 p.m.—"Mercury" special Tasmanian news service.

7.45 p.m.—Railway auction produce sales, Hobart Stock Exchange quotations.
Shipping information.
Sporting results.

8 a.m.—G.P.O. Clock Chimes.
8.1-9.39 a.m.—Dance numbers from the Imperial Hotel, Hobart, by Mrs. Sheppard's Trio, interspersed with musical from the Studio.

10.30 p.m.—British official wireless news. Weather synopsis.
Shipping announcements.
Close down.

Sunday, July 10 2FC, SYDNEY

MORNING SESSION.

10.55 a.m.—Programme announcements.

11 a.m.—"Big Ben."

FROM THE LYONHALL HALL, PITT STREET, SYDNEY:
The Morning service arranged by the CENTRAL METHODIST MISSION, and conducted by the REV. A. J. GOULD.
Subject, "The Ascension."
12.15 p.m.—FROM "THE STUDIO":
News Session.
12.30 p.m.—Close down.

AFTERNOON SESSION.

3 p.m.—"Big Ben" and programme announcements.
3.15 p.m.—Studio items.

3.15 p.m.—W. P. Jackson is the first of a series of four special popular lectures upon four great modern writers and dramatists. Mr. Jackson will deal this afternoon with ANATOLE FRANCE (Novelist).
3.30 p.m.—FROM ST. ANDREW'S CATHEDRAL, George Street, Sydney:
An Organ Recital by the well-known English organist, DR. HAIGH.

1. "Sonata in Three Movements" (Haigh).
2. "Pastorale in Three Movements" (Frauck).

3. "Dithyramb" (Harwood).
4. (a) "Canon" (Bach).
(b) "Ketch" (Schumann).

5. "Fugue and Fugue in A Minor" (Bach).
6. "Johanna and Sabina" (Schumann).
7. "Variations from the Septuor" (Beethoven).

8. "Grave" (Chopin) (Haigh).
4.50 p.m.—Close down.

EVENING SESSION.

6 p.m.—"Big Ben" and announcements.
6.15 p.m.—FROM "THE CONGREGATIONAL CHURCH, 117 STREET, SYDNEY":
An Organ Recital arranged by MR. E. J. ROBINSON:

6.5 p.m.—1. "Symphony No. 3" (1st Movement) (Vianna).
6.15 p.m.—2. "Odecca Prelude, "Fau Duet" (Reger).

6.30 p.m.—3. "Deceitful Prelude, "Pango Luanga" (Balouche).
6.39 p.m.—4. "Pavane" "Veni Emanuel" (Harwood).

6.52 p.m.—5. "Sonata in A" (Reinberger).
6.42 p.m.—6. "Introduction, "Nursicle" (Saint-Saens).

6.46 p.m.—7. "Sonatina" (1st Movement) (Karg-Elert).

7 p.m.—THE EVENING SERVICE FROM THE PITT STREET CONGREGATIONAL CHURCH. Preacher, REV. T. E. BUTH.

8.30 p.m.—FROM THE STRAND THEATRE, LEICHHARDT:
A Concert arranged by the Leichhardt District Band.

MISS MARGARIE SKILL.
8.40 p.m.—"Violin, "Romance" (Winnicki).
MISS HELEN CHRELLIN.

8.41 p.m.—March "B.R. and G.P." (Hume).
THE LEICHHARDT DISTRICT BAND.

8.50 p.m.—Overture "Love Day" (Hogwood).
THE LEICHHARDT DISTRICT BAND.

8.56 p.m.—Song "The Trumpeter" (Dix).
MR. FRANK HARVELL.

9.2 p.m.—Band, "First Movement of Unfinished Symphony" (Schubert).
THE LEICHHARDT DISTRICT BAND.

9.14 p.m.—Song "The Lass with the Delicate Air" (Ayre).
MISS MARGARIE SKILL.

9.27 p.m.—Hymns, (a) "Woe, Lover of my soul" (Dale).
(b) "Try will be Done" (Mason).

THE LEICHHARDT DISTRICT BAND.
9.24 p.m.—Band, "Handel's Celebrated Largo" (Hume).

THE LEICHHARDT DISTRICT BAND.
9.52 p.m.—"Violin, "Circles" (Alard).
MISS HELEN CHRELLIN.

9.53 p.m.—Selection, "Mariana" (Wallace).
THE LEICHHARDT DISTRICT BAND.

9.48 p.m.—Song "The Dream" (Tosti).
MR. FRANK HARVELL.

9.54 p.m.—March, "Returning Home" (Hume).
THE LEICHHARDT DISTRICT BAND.
10 p.m.—National Anthem.
Close down.

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2BL, SYDNEY

Sunday.

- 12.45 a.m.—Special news service.
- 11.45 a.m.—Service broadcast from Chalmers Presbyterian Church.
- 3.30 p.m.—Studio programme.
- 4 p.m.—Organ recital broadcast from Peterborough Baptist Church.
- 4.30 p.m.—Bible Class conducted by Mr. W. G. Bradley.
- 6.15 p.m.—G.P.O. Clock and Chimes. Close down.
- 5.45 p.m.—Children's services.
- 7 p.m.—Service broadcast from Baptist Church, Potteryham.
- 8.50 p.m.—Band recital by the North Sydney Tramway Band (Bandmaster Mr. W. T. Harpiss) broadcast from Manurea Hall, North Sydney.
- 9.45 p.m.—Mr. Herman Tremayne, (Soloist).
- 9.52 p.m.—Broadcasters Trio.
- 10 p.m.—G.P.O. Clock and Chimes.
- 10.15 p.m.—Summary of following day's programme.
- 10.30 p.m.—Mr. Herman Tremayne.
- 10.45 p.m.—Broadcasters Trio.
- 10.45 p.m.—G.P.O. Clock and Chimes National Anthem.

2GB, SYDNEY

Sunday.

- 10.20 a.m.—Organ Music from St. Alban's Liberal Catholic Church.
- 10.30 a.m.—Morning Service from St. Alban's Celebration of the Holy Eucharist. Sermon.
- 12 noon.—Close down.
- 1.30 p.m.—EVENING SESSION.
- 6.45 p.m.—Music from the Studio.
- 7 p.m.—Lecture from Alder Hall.
- 7.15 p.m.—THE STUDIO.
- 8 p.m.—Violin Solos by MONICA HOLDER, 1. "Rondino" (Arr. by Kreisler). 2. "Andantino" (Arr. by Kreisler).
- 8.5 p.m.—Songs by MISS NELLIE DUGGAN; 1. "How Softly Blooming" (Singer). 2. "Waters of Manhattan" (Lecturer).
- 9.10 p.m.—Instrumental Trio; MONICA HOLDER, NORMAN HIGGABELLS, MRS. FREDMAN.
- 9.30 p.m.—Songs by MISS NELLIE DUGGAN; 1. "Serenade" (Goonod). 2. "Ave Maria" (Lizzi).
- 9 p.m.—Talk.
- 10 p.m.—Close down.

3LO, MELBOURNE

Sunday.

- 10.30 a.m.—Express Information. Bells from St. Paul's Cathedral.
- 10.45 a.m.—SERVICE FROM ST. PAUL'S CATHEDRAL; Psalm 24 and 23. 1st Lesson. Te Deum (Stanford in A). Second Lesson. Benedictus (Stanford in A). Anthem: "My soul, there is a country" (Perry). Hymn 189: "Jesus, Thy Mercies Are Untold" SERMON. Hymn 144: "Ye Holy Angels Bright." 12.15 p.m.—British Official Wireless news from Rugby. 12.25 p.m.—Close down.
- 1.30 p.m.—AFTERNOON SESSION.
- 2.15 p.m.—FRANKAN CITY BAND; March, "Steadfast and True" (Teitel). Overture, "Crown Diamonds" (Auber). Andante, "Pilgrim's Song of Hope" (Bulliel). Selection, "Melodious Gems" (Rimmer). March, "Europe United" (Zelke). Incidental Music, "The Merchant of Venice" (Rossi). Dogue March. March, "Honoraria" (Rimmer).

- 2 p.m.—PLEASANT SUNDAY AFTERNOON SERVICE—CENTRAL WESLEY MISSION. Chairman: REV. C. IRVING BENSON. Orchestral Selection (Mr. G. M. Williams, Conductor). Hymn, "Jesus, Lover of My Soul." Prayer. Hymn, "Master, Spoken Thy Servant Heareth." Solo, Miss F. Colburn, "He Shall Feed His Flock." Orchestral Selection. Solo, Miss F. Colburn, "O Rest in the Lord." Offering. Orchestral Selection. ADDRESS.—CAPT. DONALD MACLEAN (Prof. 310). National Anthem. Benediction. 4.30 p.m.—Close down.

EVENING SESSION.

CHILDREN'S HOUR.

- Storyteller....."BILLY BUNNY" THE PIED PIPERS. 8.30 p.m.—Hymns by "The Pied Piper"; "Praise My Soul, the King of Heaven"; "Carol of the Flowers." "Infant so Gentle." 8.40 p.m.—Answers to Letters and Birthday Greetings. 9 p.m.—Musical Programme by "The Pied Piper." Chorus, "Softly Falls the Shade of Evening." Solo, "Beautiful Land of My Dreams" (by request). Story of a Little Girl Three Thousand Years Ago, by Ethel Martyn. Music by Wm. G. James. Story told by "Billy Bunny." Good-night song, "The Evening is Coming." 9.25 p.m.—"BILLY BUNNY"; "Life of Jordan." 9.45 p.m.—Bells of St. Paul's Cathedral.

NIGHT SESSION.

- Announcer.....MAURICE DODDLEY Accompanist.....AGNES FORTUNE. 7 p.m.—SERVICE FROM CENTRAL MISSION.—WESLEY CHURCH, conducted by REV. C. IRVING BENSON. Prayer, "The Lord is in His Holy Temple." Hymn, "I'll Praise My Maker." Prayer, "The Inner Court." Anthem. Scripture Reading. Intimations and Offering. Anthem. "O Love that Will Not Let Me Go." MONTHLY BOOK SERMON. Hymn, "Saviour, Again to Thy Dear Name." Benediction. Sevenfold Amen. FROM THE STUDIO.— 2.30 p.m.—Shipping Notices. 8.31 p.m.—JOE ARONSON'S SYMPHONY ORCHESTRA; Overture, "Raymond" (Thomas). 8.30 p.m.—ISABEL HIDDEL, contralto; "The Heart Worships" (Bolet). "The Cloths of Heaven" (Dunhill). 8.45 p.m.—MATHIAS VITA, Harp—"Glow-vern" (Linckey). 8.51 p.m.—IVAN SQUIRELL, Tenor (of the "Rose Marie" Company, by permission of J. C. Williamson, Ltd.); "Wonderful World of Romance" (Haydn Wood). "Love's Garden of Roses" (Haydn Wood). 8.58 p.m.—STEPHANIE DESTRE ("Wanda" of the "Rose Marie" Company, by permission of J. C. Williamson, Ltd.); "11th and 12th Chapter of Samuel." "Chant d'Automne" (Bouliere). "How Soft are the Hands of the Girls of Stambul." "La Bella Dama Sans Mere" (Kreata). 8.11 p.m.—JOE ARONSON'S SYMPHONY ORCHESTRA; "Fantasia Oriental" (Arr. by Lange). 8.20 p.m.—ISABEL HIDDEL, contralto; "Softly Awakes My Heart"—Samson and Delilah (Saint Saens). "Taming" (Del Hecola). 8.27 p.m.—CARLO BROGLIA, Violin; "Tambourin Chinois" (Kreiner).

- 9.32 p.m.—IVAN SQUIRELL, Tenor; "Wondering Why" (Continuity Clarke). "To You, Dear" (Edmund Brakham). 9.39 p.m.—"Argus" news service. Announcement.
- 9.47 p.m.—JOE ARONSON'S SYMPHONY ORCHESTRA; "Echoes from the Metropolitan Opera House" (Fobani). 9.59 p.m.—GUE GREAT THOUGHT; "Don't hang a dismal picture on the wall, and do not dash with sadness and gloom in your conversation. Don't be a cynic and dispirited preacher. Don't bewail and lament. Don't waste yourself in rejection, nor buck against the bad, but chant the beauty of the good. When that is spoken which has a right to spoken, the chimes and the criticism will stop. Set down nothing that will not help somebody." —Emerson.
- 10 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

Sunday.

- 11 a.m.—Service from St. John's Church, Latrobe Street, Praeger; Canon Lamble THL. AFTERNOON SESSION. MASONIC HOMES CONCERT. Social Concert by Theban Lodge No. 231, transmitted from the Masonic Homes, Fort Road, Melb. 5 p.m.—National Anthem. Close down. CHILDREN'S SESSION. 6 p.m.—Music, Song and story for the Little Ones. The Entertainment conducted by "Lashby". EVENING SESSION. 7 p.m.—Service from Independent Church, Collins Street, Minister; Rev. J. Ernest James B.D.

SPECIAL STUDIO CONCERT.

- 8.30 p.m.—Miss Ada Freeman, piano; "Dawn" (Benedekovich). "Instruments in 42" (Chopin). 8.39 p.m.—Miss Gwen Selva, soprano; "Sinn" (Regozinski). "Gothic" (Schubert). "Ave Maria" (Schubert). 8.49 p.m.—Madame Bella Whitley-Wilkinson, Violin; "Suite No. 4" (Coralli). 8.57 p.m.—Miss Gladys MacDowell, contralto; "Lament" (Col. Taylor). "The Cloths of Heaven" (Dunhill). "Night" (Rachmaninoff). 8.5 p.m.—Madame Bella Whitley-Wilkinson and Miss Ada Freeman, duet for violin and piano; "Sonata in A Major" (Vivanti). 9.12 p.m.—Miss Gwen Selva and Miss Gladys MacDowell, duet; "L'Espresso" (Hofner). 9.16 p.m.—Miss Ada Freeman, piano; "Roulette" (Clere). "Waltzen Passagen" (Dodowsky). "Lichttraume" (Liszt). 9.25 p.m.—Miss Gwen Selva, soprano; "Serenade" (Strauss). 9.33 p.m.—Madame Bella Whitley-Wilkinson, Violin; "Larghetto" (Nisgini). "Minuet, Gavotte" (Veracini). 9.43 p.m.—Miss Gladys MacDowell, contralto; "Do not go my Mozart." "The Tryst" (Sibelius). 9.50 p.m.—The "Age" news Bulletin. 9.54 p.m.—Tomorrow's Entertainment. 9.58 p.m.—Close down. "God Save the King."

4QG, BRISBANE.

Sunday.

- MORNING SESSION. ST. STEPHEN'S CATHEDRAL. The complete morning service will be relayed from St. Stephen's Roman Catholic Cathedral, Brisbane. 11 a.m.—Church service. 12.30 p.m.—Close down.

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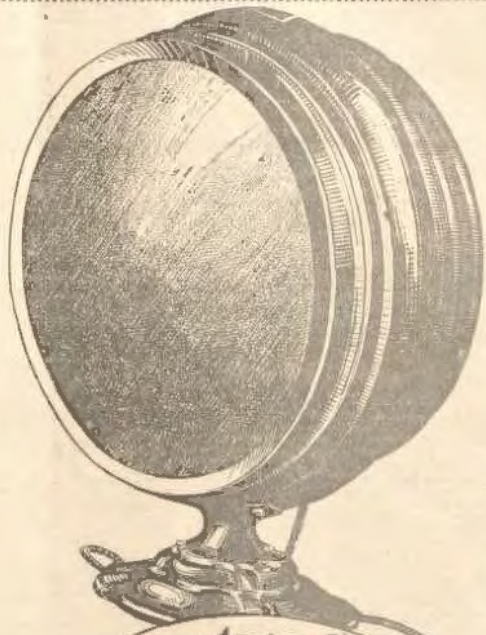
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AFTERNOON SESSION

FEDERAL BAND.

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

3.15 p.m.—Grand march, "The Prophet" (Mozart); overture, "Nirala" (Gounod); euphonium solo, "Annie Laurie" (Rimsky); Mr. Les Baxter's selection, "Patience" (Sullivan); Interference, "Swain's Maid" (Rimsky); fantasia, "Boys-by-Blasphem" (Dixon); march, "Washington Grass" (Grafstoll).

4.30 p.m.—Close down.

NIGHT SESSION.

ST. JOHN'S CATHEDRAL.

The complete evening service will be relayed from St. John's Anglican Cathedral, Brisbane. 7.30 p.m.—Church service. 8.30 p.m.—Conclusion.

HAND CONCERT.

At the conclusion of the church service, the concert by the Brisbane Municipal Concert Band will be relayed from Wickham Park. The programme will include: "Overture, "The Wedding Ring" (Bernard); selection from "Little Nelly Kelly" (Cohan); suite, "Dewdrops in the Western World" (Sousa); descriptive, "Sheridan's Ride" (Sousa). 8.20 p.m.—Conclusion.

SPECIAL SESSION.

MOZART—BEETHOVEN—MENDELSSOHN PROGRAMME.

The special recital which was arranged by Mr. Erich John for July 5th was postponed owing to the State reception to the Governor (Sir John Goodwin) being held on that date. Mr. John's recital in an abridged form will be given to-night.

7.30 p.m.—Vocal quartette, "Spring is Re-arriving" (Beethoven) Mixed Quartette; duet, "O Wert Thou in the Clouds" (Mendelssohn); soprano solo, "The Quail" (Beethoven); Miss Marie Hughes; vocal quartette, "Children's Excursion" (Mozart); Mixed Quartette; duet, "The Cheated World" (Mozart); Mozart, Geo. Williamson (tenor) and Ben Cloiret (baritone); contralto solo, "If Love You" (Beethoven); Miss Mildred Hill; vocal quartette, "O Lovely May" (Mozart); Male Quartette; duet, "Pain and Joy and Love" (Beethoven); Miss Mabel Malout (soprano) and Mr. Geo. Williamson (tenor); tenor solo, "New Love, New Life" (Beethoven); Mr. Jack Lund (tenor); vocal quartette, "Nature's Adoration" (Beethoven); bass solo, "Do Wives of Song" Mendelssohn; Mr. Tom Ryan; vocal quartette, "Choosing the May Queen" (Mozart); Mixed Quartette.

10.30 p.m.—Close down.

5CL, ADELAIDE.

Sunday

MORNING SESSION.

11 a.m.—Divine Service relayed from Parkside Baptist Church. (Preacher, Rev. Bernard Tuck, B.A.).

AFTERNOON SESSION.

3 p.m.—Relay from Maughan Church. Pleasant Afternoon Service. 4.5 p.m. (approx.)—From studio: "The History of Trilby Church, by Rev. Falford.

EVENING SESSION.

8.30 p.m.—Sunday Stories for the Children by Gladie Baulby. 7 p.m.—Divine Service, relayed from Ross Park Congregational Church (Preacher, Rev. Wain Grinnell, M.A.). 8.10 p.m. (approx.)—Relay from Glenelg: The Mission Orchestra. Conductor, Walter Barrett. 10.1 p.m.—Station announcements and weather bulletin. National Anthem.

7ZL, HOBART

Sunday.

MORNING SESSION.

11 a.m.—Church Service from Memorial Congregational Church. Preacher, Rev. Arthur C. Nelson. Best notices information at conclusion of Church Service. 10.13 p.m.—Close down.

AFTERNOON SESSION.

3.40 p.m.—Tune in selection. 3.51 p.m.—Pleasant Sunday Afternoon Concert from the studio. 4.30 p.m.—Close down.

EARLY EVENING SESSION.

6.40 p.m.—"Big Brother" chats to his Pal.

NIGHT SESSION.

7 p.m.—Service from St. David's Cathedral, Hobart. Preacher, Rev. C. W. Wilson. Psalm 12, 23; hymns 310, 291. 8.21 p.m.—Concert from the studio: Miss W. Shields (accompanist), Miss M. Beattie (soprano), Miss Holly Pieson (pianist), Miss Jessie Jinks (mezzo soprano), Mr. T. Lee (baritone). 9.40 p.m.—"Mercury" news service. British official wireless news. Weather forecast. Signal announcements. Close down.

Monday, July 11
2FC, SYDNEY.

EARLY MORNING SESSION.

7 a.m.—"Big Ben" and announcements. 7.5 a.m.—Studio music. 7.13 a.m.—COUNTRY SESSION: Official weather forecast; rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services. 7.38 a.m.—Investment market, mining share market, metal quotations. 7.45 a.m.—Wool sales, lead-tin-tin markets, interstate markets, produce markets. 7.45 a.m.—"Sydney Morning Herald" summary. 9 a.m.—"Big Ben." Close down.

MORNING SESSION.

10 a.m.—"Big Ben" and announcements. 10.5 a.m.—Studio music. 10.15 a.m.—"Sydney Morning Herald" news service. 10.30 a.m.—Studio music. 10.35 a.m.—Last minute racing information by the JPC Racing Commissioner. 10.45 a.m.—Studio music. 11 a.m.—"Big Ben." Marching music for school children. 11.3 a.m.—A.P.A. and Reuter's Cable. 11.15 a.m.—Studio music. 11.30 a.m.—Reading. 11.40 a.m.—Close down.

MIDDAY SESSION.

12 noon.—"Big Ben" and announcements. 12.3 p.m.—Stock Exchange, first call. 12.4 p.m.—Official weather forecast; rainfall. 1.3 p.m.—Studio music. 1.45 p.m.—Summary of "Sydney Morning Herald" news service. 1.55 p.m.—Rugby wireless news. Studio music. 1.59 p.m.—Marching music for school children.

1.40 p.m.—IDA LEGGAT, soprano. 1.45 p.m.—Studio music. 1 p.m.—"Big Ben." Weather intelligence. 1.5 p.m.—"Evening News" midday news service. Producers' Distributing Society's Report. 1.15 p.m.—FROM THE SYDNEY TOWN HALL. The first of a series of Monday Midday Organ Recitals by the City Organist, MR. ERNEST TRUMAN.

1.00 p.m.—FROM THE STUDIO:

Stock Exchange, third call. 1.04 p.m.—IDA LEGGAT, soprano. 1.06 p.m.—Studio music. 2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

3 p.m.—"Big Ben" and programme announcements. 3.2 p.m.—Studio music. 3.35 p.m.—A Reading. 3.45 p.m.—THELMA MITCHELL, soprano. 3.50 a.m.—Marching music for school children. 3.40 p.m.—JOYCE GILLESPIE, soprano: "At Dawkins" (Bachert). 3.46 p.m.—STANIS music. 3.50 p.m.—ALISON DALE, soprano: "Invitation" (Barry). 3.59 p.m.—Studio music. 4 p.m.—WILLIAM LOWMYER, baritone: "Drake Goes West" (Anderson). 4.5 p.m.—THELMA MITCHELL, soprano. 4.8 p.m.—Studio music. 4.20 p.m.—JOYCE GILLESPIE, soprano: "Dolorosa" (Phillips). 4.25 p.m.—Studio music. 4.50 p.m.—ALISON DALE, soprano: "Happy Song" (de Rio). 4.53 p.m.—Studio music. 4.40 p.m.—WILLIAM BOWYER, baritone: "Glacierly" (Gardner). 4.45 p.m.—Stock Exchange, third call. 4.46 p.m.—Studio music. 2 p.m.—Close down.

EARLY EVENING SESSION.

8.45 p.m.—The chimes of 1PC. 8.50 p.m.—The "Hello Man" talks to the Children. 8.50 p.m.—Story time for the young folk. 8.50 p.m.—Dinner music. 7 p.m.—"Big Ben." Late sporting news. 7.10 p.m.—Daily's market report (wool, wheat and grain). 7.18 p.m.—Fruit and vegetable markets. 7.30 p.m.—Shipping and weather intelligence. 7.26 p.m.—"Evening News" late news service.

NIGHT SESSION.

7.40 p.m.—Programme announcements. 7.45 p.m.—"A VISIT TO A FRIEND" A sketch by H. MARRICE BYRNE—given first in English and then slowly in French, and repeated quickly in French. 8 p.m.—"Big Ben." THE HAYMARKET THEATRE DRCHET—under the patron of Mr. Stanley Porter. 8.16 p.m.—THE ROYAL SYDNEY APOLLO CLUB (from Beale's Concert Salon). Conducted by Mr. Arnold Malt. 1. "What care I love fair she be" (Blumenfeld). 2. "Lullaby" (Brahms). 3. "Vintage Song" (Bartholdy). 4. "The Camel and the Parrot" (Norton). 5. "The Seller's Retort" (Fitzeger). 8.46 p.m.—ALEXANDER SVENSKENSKY, pianist (from the studio). 1a) "Nocturne in D Flat Major" (Chopin). 1b) "Rondo in E Flat Major" (Hummel). 8.54 p.m.—A talk on "Old Cheques" by Mr. S. H. Bowden. 8.6 p.m.—THE HAYMARKET THEATRE: Vocal Act. 9.20 p.m.—E. P. KERRY, contralto solo. "Merrmaid's Song" (Grove). 9.30 p.m.—THE ENGLISH FUTURISTS in a Radio Revue: "RADIO REVEALS". 1. An Opening Chorus by the COMPANY. 2. DISMAL DERMOND and CYRIL NORTH-COTE discuss the fortunes of the day. 3. IRA VANDA will tell about her Grand-ma's proverb. 4. A Sketchette: "THE SAIL TALK OF A DOG." The Huskard, Cyril Northcote. The wife, Ira Vanda. The Friend, Geo Dawson. The Dearest, E. W. Desmond. 8. DISMAL DERMOND in a few more miserable moments. 6. Finale by the Company: SING IT AGAIN.

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8.42 p.m.—A Book Competition.
8.60 p.m.—ALEXANDER SVERENESKI,
pianist.

(A) Value from "The Christmas Tree"
(Rohloff).
(B) "Venetia e Napoli" (Liszt).

10 p.m.—"Big Ben."
THE ENGLISH FUTURISTS in a Radio
Revuette.

1. Listen to a few "Bibs and Ploosa."
2. GUS DAWSON becomes very sentimental
with IRA YANDA.

3. The Company give a few INCREDIBLE
HAPPENINGS in every-day life.
4. IRA YANDA becomes a flapper for a
little while.

5. DISMAL, DESMOND continues to be
miserable.
6. The Company decide that in spite of all
their troubles—

IT'S A WONDERFUL WORLD AFTER
ALL.

10.18 p.m.—THE HAYMARKET THEATRE,
George Street, Sydney:
Orchestral numbers of the Operatic Orches-
tra.

10.30 p.m.—Mr. E. P. KERRY and Master
ERNEST KERRY:
Contra Altus, "Al and Pal" (Short).

10.48 p.m.—THE WENTWORTH SYMPHO-
NIC DANCE ORCHESTRA.
Conductor, Mr. Frederick Leibman.

10.47 p.m.—Late news and announcements.
11 p.m.—"Big Ben."
THE WENTWORTH SYMPHONIC DANCE
ORCHESTRA.

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

2BL, SYDNEY

Monday.

EARLY MORNING SESSION.

7 a.m.—G.P.O. Clock and chimes, Metropolitan
Weather forecast.
7.4 a.m.—State Weather report.
7.4 a.m.—News service.

7.18 a.m.—Fruit Market report.
7.30 a.m.—Vegetable Market report.
7.54 a.m.—Dairy, Farm Produce Market reports.
7.56 a.m.—Poultry Market report.
7.50 a.m.—G.P.O. Clock and chimes, Musical
programme from studio.

7.57 a.m.—News service.
7.42 a.m.—Boats in call by wireless.
7.44 a.m.—Mail information, shipping arrivals
and departures and Port directory.
7.48 a.m.—News service.

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

10.30 a.m.—G.P.O. Clock and chimes, Musical
programme from studio.
10.40 a.m.—News from the "Daily Telegraph."
10.50 a.m.—Musical programme from the studio.
11 a.m.—G.P.O. Clock and chimes, Announce-
ments.

11.5 a.m.—Musical programme from the studio.
11.15 a.m.—Talk on "Motoring" by Miss Gwen
Varey, Broadcasters' Women's Sports
Authority. Social Notes by Mrs. Jordan.
Replies to correspondents by Mrs. Jordan.
Talk on "The Preserver's Mother makes" by
Mrs. Jordan.

12 noon.—G.P.O. Clock and chimes, Special
Ocean Forecast and weather report.
12.3 p.m.—Musical programme from the studio.
12.15 p.m.—Information—Mail, Shipping, and
boat timetables.

12.18 p.m.—Boats in call by wireless.
12.30 noon.—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, Focage
Market Report.
12.39 p.m.—Fruit Market report.
12.42 p.m.—Rabbit Market report.
12.46 p.m.—News from "Sun."

1.45 p.m.—Hilless' Instrumental Quartet—
directing. Cass Calling.
1.50 p.m.—G.P.O. Clock and chimes, Talk to
children and special entertainments for
Children in Hospital.

2 p.m.—G.P.O. Clock and chimes, Close down.
AFTERNOON SESSION.

Radio information broadcast immediately
afternoon by courtesy of the "Sun."
3 a.m.—G.P.O. clock and chimes, News from
the studio.

3.15 p.m.—Musical programme from the
Studio.
3.30 p.m.—G.P.O. Clock and chimes,
Talk on "The Great Composers."

4 p.m.—G.P.O. Clock and chimes,
Musical programme from the Studio.
4.15 p.m.—Serial story.
4.35 p.m.—Musical programme from the studio.

4.40 p.m.—News from the "Sun."
4.40 p.m.—Racing Resume.
4.42 p.m.—Resume of night's programme.
4.44 p.m.—Announcements, and What's on?
4.48 p.m.—Special ocean forecast.

5 p.m.—G.P.O. Clock and chimes,
Close down.
EARLY EVENING SESSION.

6.45 p.m.—G.P.O. Clock and chimes.
Uncle Hans and the Kiddies.
6.50 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
Govt Meteorologist.
Producers' Distributing Society's Fruit and
Vegetable market report.
Stock Exchange report.

Grain and Poultry report "Sun."
Dairy Producer report "Sun."
7.15 p.m.—Country news from the "Sun."

EVENING SESSION.
8 p.m.—G.P.O. Clock and chimes.
Broadcasters' Tonal Trio.

8.3 p.m.—Concert programme from St. Mary's
Memorial Hall, Waverley.
Articles: Helena Stewart (Soprano), Daisy
Snow, Raymond Beatty (Bass), Arthur
Greenaway, Eric Harrison, Charles Smith
(bass), Warwick McKenzie (violinist), Bryce
Carter (Cellist), Hilda Thornley, Randwick
Choir Quartet.

11 p.m.—G.P.O. Clock and chimes.
National Anthem.

2GB, SYDNEY

Monday.

MORNING SESSION.

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

AFTERNOON SESSION.

3.30 p.m.—Music.
3.37 p.m.—Talk, Elocutionary Item: Walter
Hunt.
3.50 p.m.—Music.
4.7 p.m.—Talk: "Thought Power" by Mrs.
McLennan.
4.22 p.m.—Music.

EVENING SESSION.

8.30 p.m.—Children's Session.
7 p.m.—Music.
7.5 p.m.—"Lissiers' League."
7.15 p.m.—Talk: Vivisection.
7.30 p.m.—Music.
7.35 p.m.—"The Problem of Unemployment,"
by Mr. E. Hoag.

7.40 p.m.—Announcements and Music.
7.45 p.m.—Instrumental Trio:
DAN SCULLY, MURIELLE LANG, ADA
BRIGGS.

8.5 p.m.—Address by Professor Ernest Wood.
8.20 p.m.—Songs by MADAM WEIDLE:
1. "Down in the Forest" (Ronald).
2. "The Wind is Calling" (Ronald).

8.28 p.m.—Instrumental Quartet:
DAN SCULLY, MONICA BORDER,
MURIELLE LANG, LES SPROULE.
1. "Selections from Capotina" (Delibes).
9 p.m.—Talk by Mr. J. K. Powell.

9.35 p.m.—Violin Solos by MONICA BORDER:
1. "Grandmother's Minuet" (Grizel).
2. "The Girl with the Foxen Hair"
(Delibes).

9.23 p.m.—Piano Solos by LES SPROULE.
9.31 p.m.—Song by MADAM WEIDLE:
"Fredo" (London Road).

9.39 p.m.—Duet for two violins with piano
accompaniment:
DAN SCULLY, MONICA BORDER, ADA
BRIGGS.

9.58 p.m.—Talk.
10 p.m.—Close down.

3LO, MELBOURNE.

Monday

MIDDAY SESSION.

12 noon.—Time signal, British Official news
from Rugby. Reader's and The Australian
Press Association Cables. "Argus" news
service.

12.20 p.m.—FRANK AND FRANCIS LUIZ:
Duet, "Hans Let."
Song, "Kin Home."
Sue's Gullar, "Waltz Medley."

12.30 p.m.—STUDIO ORCHESTRA:
"The Red Grogg" (Rollinson).
12.40 p.m.—Stock Exchange information.
12.48 p.m.—MILTON LIGHTFOOT, Banjo:
"The World is Waiting for the Sunrise."
"Volga Boatmen."

12.50 p.m.—MADAME LAMBERT, Soprano:
"Sincerity" (Clarke).
"La Vierge" (Massenet).

12.57 p.m.—STUDIO ORCHESTRA:
"Bridal Song" (Moss Guban).
1.7 p.m.—Meteorological information, Shipping
intelligence, Weather forecast for Victoria,
Tasmania, South Australia and New South
Wales, Ocean forecast,
River reports.

1.14 p.m.—DOROTHY ROXBURGH, Viola:
"Indiana Lament" (Dvorak).
"The Shepherd."

1.20 p.m.—MADAME LAMBERT, Soprano:
"Mimi"—Bohème (Puccini).
"Down in the Forest" (Ronald).

1.27 p.m.—STUDIO ORCHESTRA:
"Valse Capriccio" (Gronowald).
"Song Celestial" (Sewall).

1.37 p.m.—MARION LIGHTFOOT, Banjo:
"Kitties."
"Camptown Carnival."

1.44 p.m.—THE PREMIER FOUR:
"Umco."
"Blue Bird."

1.50 p.m.—STUDIO ORCHESTRA.
"Romance" (Sibelius).
"Chinese Patrol" (Pieglow).

2 p.m.—Close down.
During the afternoon the results of the
Richmond Trotting £500 Meeting will be
given immediately after each race.

AFTERNOON SESSION.

2 p.m.—STUDIO ORCHESTRA:
Overture, "Stradella" (Flotow).
3.10 p.m.—MISS DOROTHY SILK:
"Homecrafts."

3.25 p.m.—TASMA TIERNAN, "cello":
"Serenade Buzonni" (Griegsonoff).
3.32 p.m.—MRS. MARGAN, Soprano:
"Who is Sylvia" (Schubert).
"Margaret at the Spinning Wheel"
(Schubert).

3.58 p.m.—STUDIO ORCHESTRA:
"Suite of Four Pieces" (Ferial).
8.49 p.m.—CAPTAIN DONALD MACLEAN:
"Capt. Howell Davis."

4.14 p.m.—WALTER SMITH, cornet:
"Fanny Figure" (Siegman).
4.17 p.m.—MARIE MAGAN, soprano:
"Berensce" (Elgar).
"The Homely Steege" (Elgar).

4.18 p.m.—STUDIO ORCHESTRA:
"Mendelssohn Melodies" (Robert).
4.30 p.m.—MISS FLORA PELL, Inspector of
Schools:
"Domestic Science."

4.46 p.m.—"Herald" news service, Stock Ex-
change information.
5 p.m.—Close down.

EVENING SESSION.

6.50 a.m.—Answer to Children's Letters and
Birthday Greetings.

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- 9 p.m.—MARION LIGHTFOOT, soprano:
"Daddy's Babe."
"Daddy's Sweetheart."
6.7 p.m.—LITTLE MISS KOORABURRA
Story for the Little Ones:
"Dorothy and Her Dog"
and more about the "Cruise of the Saucy Jane."
6.22 p.m.—MARION LIGHTFOOT, Baritone:
"Nursery Rhymes Medley."
6.30 p.m.—Official report of Newmarket Stock
Sales by Live Stock Agents' Association,
Oxford Chambers, Bourke Street, Melbourne.
Number of Sheep and Cattle drawn for
Week's Sales.
6.35 p.m.—"Herald" news service. Weather
synopsis. Shipping movements.
6.47 p.m.—Stock Exchange information.
6.52 p.m.—Fish Market reports by J. R. Hor-
reit, Ltd. Rabbit prices.
6.55 p.m.—River reports.
6.58 p.m.—Market reports of Fruit, by the
Victorian Fruitgrowers' Association, compiled
by "The Fruit World," exclusive to 3LO.

NIGHT SESSION.

- ONE ACT PLAY—"MY MILLINER'S BILL."
7.15 p.m.—Under the auspices of the Boy
Scouts' Association, DR. P. G. McADAM
will speak on "Forthcoming Boy Scouts
Boating and Watering Championships."
7.30 p.m.—MR. E. C. H. TAYLOR:
"School Life and School Sports."
7.46 p.m.—Under the auspices of the AGRICULTURAL DEPARTMENT, MISS
KNIGHT, will speak on:
"Marmalade Making."
8 p.m.—STUDIO ORCHESTRA:
Selection, "Madame Butterfly" (Iscariot).
8.16 p.m.—MR. H. B. LAPELLE will speak on
Diamonds, "The Saucy."
8.25 p.m.—STUDIO QUARTETTE:
"String Quartet" (Mozart).
8.35 p.m.—MADAM LAMBERT, Soprano:
"Walter Mot" (Denair).
"Aime Moi" (Bembury).
8.42 p.m.—ONE-ACT PLAY:
"My Milliner's Bill" (G. W. Godfrey).
Mrs. M. Dudley
Jack Maurice Dudley
9 p.m.—The Royal Automobile Society of
Victoria's Safety Message for to-day is for
PEDESTRIANS:
"Don't attempt to board a moving car.
There is no business important enough to
be crippled for it."
9.5 p.m.—UNIVERSITY CONSERVATORIUM
CONCERT:
Arranged by Professor Bernard Heinze.
Pianist Edward Goll
Vocalist Mabel Nelson
Edward Goll will play:
"Berceuse."
"Study in D flat" (Chopin).
"Valse in D."
Mabel Nelson will sing:
"To the Violet" (Brahms).
"Le Baiser" (Goring-Thomas).
Edward Goll will play:
"Nichtaltes" (Schumann).
"Hunting Song" (Schumann).
"Study" (Sauer).
Mabel Nelson will sing:
"Caravan"—Bolshevik from "Caravan"
(Blas).
Edward Goll will play:
"Capriccio Espagnole" (Moszkowski).
"Hark! Hark! The Lark" (Schubert-Liszt).
"Study in D Flat" (Liszt).
9.50 p.m.—STUDIO ORCHESTRA:
Suite, "Carmen"—Part I. (Bizet).
10 p.m.—Weather, Meteorological information
10.5 p.m.—MADAM LAMBERT, soprano:
"Ive" (Massenet).
"Pense d'Automne" (Massenet).
10.12 p.m.—FRANK AND FRANCIS LUZ:
Duet, "Tou Au Je."
Song, "Hawaii Across the Sea."
Solo Guitar, "Hawaiian Love."
Duet, "Drifting and Dreaming."
10.22 p.m.—STUDIO ORCHESTRA:
Suite, "Carmen"—Part II.
10.30 p.m.—THE PREMIER FOUR:
"Old Oaken Bucket."
"Lay My Head Beneath a Rose."
10.57 p.m.—"Argus" news service.

- 10.45 p.m.—JOE ARONSON AND HIS SYN-
COPATING SYMPHONISTS:
"Reaching for the Moon" (Davis).
"What's My Girl" (Davis).
"St. Louis Blues" (Handy).
"I'm Telling the Birds, Telling the Bees"
(Brown).
11 p.m.—OUR GREAT THOUGHT:
"The best knowledge, like everything else of
the highest value, is not to be obtained
easily. It must be worked for, studied for,
thought for—and more than all it must be
earned for"—Thomas Arnold.
11.1 p.m.—JOE ARONSON AND HIS SYN-
COPATING SYMPHONISTS.
11.40 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

Monday.

- MORNING NEWS SESSION.
11.0 a.m. to 12 noon.
MIDDAY CONCERT SESSION.
Programme Director: Mr. Godfrey Hayes.
12 noon to 1 p.m.
P.M. SESSION.
ORCHESTRAL CONCERT.
Sports Results: Kilmarnock Frota. The
results will be broadcast as they come to
hand.
2.30 p.m.—Studio Orchestra:
"From Schubert's sketch 'Duck'" (Irish).
2.49 p.m.—Miss Vera Thompson, Soprano:
"Lolo" (Campanini).
"Hu, Mr. Piper" (Ferd. Curran).
2.56 p.m.—Studio Orchestra:
Selection, "Rose Marie" (Friml).
"Violin from Sivil" (Delibes).
2.58 p.m.—Miss Ethel Bezzler, Piano:
"A Legend" (Lias Lehmann).
3.12 p.m.—Studio Orchestra:
"Waltz" (Teresa Carreno).
"Berenice Isitlan" (J. Schabak).
"Santical Sonnet" (Frederic Flitcher).
3.25 p.m.—Miss Vera Thompson, Soprano:
"A Heart That's Free" (Kobay).
"The Wren" (Lias Lehmann).
3.57 p.m.—Studio Orchestra:
"Necunore" (Chopin).
3.51 p.m.—Mr. Herbert Pettifer, Violin:
"Zingaretta" (Baron).
3.55 p.m.—Studio Orchestra:
"Romance" (Tschalkowsky).
4 p.m.—G.F.O. Clock says "Four."
4.1 p.m.—Ed. Weather Forecast.
4.4 p.m.—Studio Orchestra:
"The Chase" (W. C. Smith).
4.20 p.m.—Mr. Edward Piper, Tenor:
"The Crown of the Year" (Marth).
"For You Alone" (Henry B. Gosh).
4.27 p.m.—Studio Orchestra:
"Elegie" (Tschalkowsky).
"Berceuse" (Kerata).
4.34 p.m.—Mr. Edward Piper, Tenor:
"Mountain Voice" (Trebarn).
"Until" (Sanderson).
4.35 p.m.—Studio Orchestra:
Selection, "Or With the Show" (Nicholas).
"My Tango Girl" (Carl Rupp).
4.55 p.m.—Tonight's Entertainment.
5.00 p.m.—G.F.O. Clock says "Five"; Close
down.
CHILDREN'S SESSION.
5.30 p.m.—The Farnyard Piv. Transmitted
from Kookaburra Gully, the 3AR Up-Country
Station.
EVENING SESSION.
Special Celebrity Concert. (Under the
personal direction of Madame Mary Conly).
7.30 p.m.—Mr. William Smith:
"Early Postal History of Victoria."
7.45 p.m.—Mr. Thomas Clark:
"Ive."
7.50 p.m.—Market Reports; Notice.
8.0 p.m.—G.F.O. Clock says "Eight."
8.1 p.m.—Miss Constance Davies, Soprano:
"I Wish I Were a 'Tiny Bird'" (Lohr).
"If I Built a World For You" (Lehmann).
8.7 p.m.—Miss Augusta Foote, Contralto:
"Sando O' Des" (Clay).
"A Fairy Went a Marketing" (Goodhart).
8.14 p.m.—Mr. John Hobbs, Bass Baritone:
"Eri King" (Schubert).
"When You're Away" (Sanderson).

- 8.21 p.m.—Miss Emille Davies, Piano:
"Celebrated Minuet" (Mozart).
"See Pieces" (MacDowell).
8.26 p.m.—Madame Mary Conly, Soprano:
"Elizabeth Prayer," from "Tannhauser"
(Wagner).
"Dear 'Fall of Song," from "Tannhauser"
(Wagner).
8.35 p.m.—Mr. Edward Becheroff, Tenor:
"J'ai pleure en rose" (Georges Rue).
"La fleur" (MacDowell).
8.41 p.m.—Miss Hazel Foletta, Soprano:
"Vespri Cieliam" (Verdi).
"The June" (London Ronald).
8.51 p.m.—Madame Mary Conly and Mr.
John Hobbs, duet:
"Gill as the Night" (Goetz).
8.53 p.m.—Miss Constance Davies, Soprano:
"The Dove" (London Ronald).
"A Birthday" (Frederic Cowen).
9.2 p.m.—Miss Hazel Foletta and Miss Augusta
Foote, Duet:
"The Wings of the Dove" (Watson).
9.5 p.m.—Madame Mary Conly:
"The Rose Will Blow" (Wilton King).
"The Song of a Blue Bird" (Rothwell
Thomson).
9.11 p.m.—Mr. Edward Becheroff, Tenor:
"Waltz's Prize Song" (Der Meisterlinge).
"Sicilian in E Minor" from "Cavalleria
Rusticana" (Mascagni).
9.21 p.m.—Miss Hazel Foletta, Soprano:
"Beat Song" (Harriet Ware).
"Cuirre les yeux bleus" (Massenet).
9.30 p.m.—Madame Mary Conly and Mr.
Edward Becheroff, Duet:
"Dear Love of Mine" (Thomas).
9.34 p.m.—Miss Augusta Foote, Contralto:
"Ammidull of the Boses" (Col. Taylor).
"O That We Two Were Maying" (Neelie).
9.41 p.m.—Miss Emille Davies, Piano:
"Andante and Capriccioso" (Mendelssohn).
9.49 p.m.—Mr. John Hobbs, Bass Baritone:
"Credo" (The Creed) from Diello (Verdi).
"An Old Garden" (Hope Temple).
9.56 p.m.—Misses Foletta, Davies, Foote, Trio:
"Be Wise in Love" (Dobson).
10.0 p.m.—G.F.O. Clock says "Ten."
10.1 p.m.—"The Age" News Bulletin.
10.5 p.m.—Dance Hour: "Leprel's Ballroom
Orchestra." Conducted by Mr. Henry
H. G. G. G. Clock says "Eleven"; God
Save the King.

4QC, BRISBANE.

Monday.

- MIDDAY SESSION.
1 p.m.—Market reports, weather information,
supplied by the Commonwealth Weather
Bureau, news services supplied by "The
Daily Mail" and "The Daily Standard."
FROM HOTEL CARLTON:
1.30 p.m.—Lunch music played by Hotel
Carlton Symphony Orchestra.
FROM THE OBSERVATORY:
1.58 p.m.—Standard time signal.
2 p.m.—Close down.
AFTERNOON SESSION.
FROM HOTEL CARLTON:
3.30 p.m.—Afternoon tea music played by
Hotel Carlton Symphony Orchestra.
FROM THE STUDIO:
4.15 p.m.—News service supplied by "The
Daily Telegraph."
4.50 p.m.—Close down.
EARTHLY EVENING SESSION.
8 p.m.—Market reports, weather information
supplied by "The Daily Standard."
6.15 p.m.—Lecture—"The Thread of Life."
Story of Cotton, by Mr. G. Taviour (Q'd
Preference League).
6.30 p.m.—The Children's Session—Stories:
"The Sailorman."
7 p.m.—Market reports; stock reports.
7.30 p.m.—Weather news announcements.
7.45 p.m.—Standard time signal.
7.45 p.m.—Lectures—"How Pigs Pay the
Rent"—Mr. E. J. Shelton (Instructor in
Pig Raising).
NIGHT SESSION.
THE FEDERAL BAND.
8 p.m.—March, "Collacuan" (Cook); the
Federal Band (Conductor, Mr. W. H. Davis);



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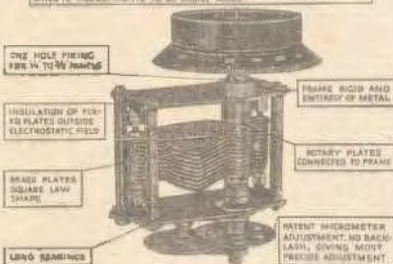
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TONE

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brade), Mrs. Charles Willey; contralto,
"Crescendo" (Lassman), the Federal Band;
soprano solo, "The Nighlinalie and the
Rose" (Thompson), Miss Mary McNeish;
violin solo, "Mighty Like a Rose"
(Nevin), Miss Nance Wilis; Suite,
"Springs" (Taylor), the Federal Band; (tenor
solo, selected, Sirnor Corti; Intermezzo,
"Starland" (O'Connor), the Federal Band;
contralto solo, "Lonesome" (Gieseler), Mrs.
Charles Willey; violin solo, "Thais" (Mar-
sick), Miss Nance Wilis; soprano solo,
selected, Mrs. Robt. Bell; fox-trot, "Brown
Eyes, Why Are You Blue" (Meyer), the
Federal Band; tenor solo, selected, Mr. G.
Cahman; trombone solo, "Let Me Like a
Soldier Paul" (Waltire), accompanied by
the Federal Band.
9 p.m.—Metropolitan weather forecast.

RADIO DEBATE.

9.1 p.m.—The second portion of the pro-
gramme will comprise a radio debate, ar-
ranged by the Queensland Debating Society's
Union. The subject will be, "That Trial by
Jury Should be Abolished."

Two teams will be selected by the Debating
Society's Union. Each member will speak
for a certain period, and an adjudicator will
give his decision at the end of the debate.
10 p.m.—"The Daily Mail" news. Weather
news.
Close down.

5CL, ADELAIDE

Morning Session.

12 noon.—Chimes.
12.1 p.m.—Studio Music.
12.15 p.m.—"Advertiser" news service and
Market reports.
12.45 p.m.—Studio music.
1 p.m.—"Advertiser" news service.
2 p.m.—Chimes. Stock Exchange intelligence.
Official weather bulletin.
Close down.

AFTERNOON SESSION.

5 p.m.—Chimes.
5.1 p.m.—Story from the Maple Leaf Cafe;
Orchestral selections.
5.40 p.m.—Studio music.
4 p.m.—G.P.O. Chimes.
4.1 p.m.—Relay from the Arcadia Caf;
Orchestral selections.
4.55 p.m.—Station announcements.
10.45 p.m.—G.P.O. Chimes and close down.

EVENING SESSION.

6 p.m.—G.P.O. Chimes.
6.1 p.m.—Dinner Music, relayed from Covent
Garden.
6.40 p.m.—Children's Time.
7.10 p.m.—Market reports, Stock Exchange
intelligence. Latest Grocer's reports. Auto-
mobile Association bulletin.
7.40 p.m.—Mr. Noel Rubblet;
"Physical Culture."
8.1 p.m.—From the Studio: A Programme of
popular music by the 5CL Orchestra, as-
sisted by the following vocalists:—
Doris Melanes, dramatic soprano.
Hilda Hoyle, contralto.
Harold W. Purdie, basso.
8.20 p.m.—Twenty Minutes with "The
Twinkler."
9.1 p.m.—Official weather information.
Eloise's Wheat report.
9.15 p.m.—Studio programme.
9.15 p.m.—A Game of Auction Bridge by
Radio.
9.40 p.m.—Studio programme.
10 p.m.—"Advertiser" news service.
Wireless shipping.
10.15 p.m.—Studio programme.
10.50 p.m.—Weather bulletin.
11 p.m.—Station announcements. Chimes.
National Anthem.

7ZL, HOBART

Morning Session.

11 a.m.—Chimes and tune in.
11.1 a.m.—Tune in selection.
11.5 a.m.—Tasmania stations 9 a.m. weather
report.

11.10 a.m.—"Mercury" news service.
11.20 a.m.—Shipping information.
Commercial news.
Foreign Exchange market.
Housewives' guide.
11.45 a.m.—Musical selection.
11.40 a.m.—What's Doing; Amusement guide.
11.55 a.m.—Musical selection.
12 noon.—G.P.O. Clock Chimes.
Close down.

AFTERNOON SESSION.

2.30 p.m.—G.P.O. Clock Chimes.
3.1 p.m.—Orchestral Selections by T.Z.L. Orches-
tra.
4 p.m.—Faghot Talk by "Aunt Edna" of
Hobart, La. Hobart.
4.15 p.m.—Musical Items from the Studio.
4.25 p.m.—Hobart Stock Exchange quotations.
Weather forecast.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

8.30 p.m.—"Big Brother" talks to his Pa.
7 p.m.—Children's Corner by "Uncle Hector."

NIGHT SESSION.

7.30 p.m.—Musical selection.
7.35 p.m.—Physical Culture Talk by Lieutenant
Reginald McKissock.
7.50 p.m.—"Mercury" special Tasmanian
news service.
7.55 p.m.—Railway auction produce sales.
Hobart Stock Exchange quotations.
Weather information.
8 p.m.—G.P.O. Clock Chimes.
8.14.50 p.m.—Selections from Findlay's Show-
room, Elizabeth Street, Hobart; approxi-
mately 9.15 p.m. Talk on "Variety" from
Strand Theatre, Hobart, by Mr. E. W.
Brooks, who will explain what production
means; what release means; chat on
"Camera Angles"; "Variety" incidental
music will be broadcast.
At conclusion, "Mercury" interstate news
service.
Tasmanian District Weather reports.
Wireless syndicate.
Station announcements.
Close down.

**Tuesday, July 12
2FC, SYDNEY**

EARLY MORNING SESSION.

7 a.m.—"Big Ben" and programme an-
nouncements.
7.15 a.m.—Studio music.
7.15 a.m.—COUNTRY SESSION: Official weath-
er forecast, rainfall, temperatures, astron-
omical memorandum, shipping intelligence,
mail services.
7.25 a.m.—Investment market, mining share
market, metal quotations.
7.55 a.m.—Wool sales, breadstuffs markets,
interstate markets, produce markets.
7.45 a.m.—"Sydney Morning Herald" sum-
mary.
8 a.m.—"Big Ben." Close down.

MORNING SESSION.

10 a.m.—"Big Ben" and announcements.
10.5 a.m.—Studio music.
10.10 a.m.—"Sydney Morning Herald" news
service.
10.20 a.m.—Studio music.
10.35 a.m.—A talk by the 2FC Racing Com-
missioner.
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.
11.5 a.m.—Studio music.
11.15 a.m.—A talk on home cooking and re-
cipes by Miss Ruth Furst.
11.30 a.m.—Close down.

MIDDAY SESSION.

12 noon—"Big Ben" and programme an-
nouncements.
12.1 p.m.—Stock Exchange, first call.
12.2 p.m.—Official weather forecast, rainfall.
12.3 p.m.—Studio music.
12.10 p.m.—Summary of "Sydney Morning
Herald" news service.
Rugby wireless news.

12.35 p.m.—Studio music.
12.38 p.m.—Marching music for school chil-
dren.
12.40 p.m.—LORRAINE JARMAN, soprano;
"Life has been many Roses" (Lohri).
12.45 p.m.—Studio music.
1 p.m.—"Big Ben." Weather intelligence.
1.3 p.m.—"Evening News" midday news ser-
vice.
Producers' Distributing Facility's Report.
1.20 p.m.—Studio music.
1.25 p.m.—Stock Exchange, second call.
1.30 p.m.—Marching music for school chil-
dren.
1.44 p.m.—LORRAINE JARMAN, soprano;
"Bells of Soho" (Drummond).
1.45 p.m.—Studio music.
2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

3.5 p.m.—"For Ben" and announcements.
3.5 p.m.—GENEVIVE EPPLE, soprano;
"The Valley of Laughter" (Sanderson).
3.9 p.m.—Studio music.
3.15 p.m.—A reading.
3.20 p.m.—GEMMY GALL, soprano;
"Look into your Garden" (Wood).
3.30 p.m.—Marching music for school chil-
dren.
3.40 p.m.—ALLEN BEAR, mezzo.
3.45 p.m.—Studio music.
3.50 p.m.—DORIE CARROLL, mezzo;
"Stirpe La Vampa" (from "Il Trovatore"
(Verdi)).
3.55 p.m.—Studio music.
4 p.m.—FLORENCE GRANT, soprano;
"So Fair a Flower" (Lohri).
4.5 p.m.—MAVIS GALL, soprano;
"Morning" (Speaks).
4.10 p.m.—Studio music.
4.15 p.m.—GENEVIVE EPPLE, soprano;
"Life has been many Roses" (Lohri).
4.20 p.m.—ALLEN BEAR, mezzo.
4.25 p.m.—Studio music.
4.30 p.m.—DORIE CARROLL, mezzo;
"The One" (Fisher).
4.35 p.m.—Studio music.
4.40 p.m.—FLORENCE GRANT, soprano;
"Within your Heart" (Trotsky).
4.45 p.m.—Stock Exchange, third call.
4.48 p.m.—Studio music.
5 p.m.—Close down.

EARLY EVENING SESSION.

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

NIGHT SESSION.

7.45 p.m.—Announcements.
7.50 p.m.—ELEE SINNOTTE, contralto:
(a) "There'll be happy" (Friend).
(b) "Sweet Child" (Whiting).
7.55 p.m.—MONTGOMERY STUART, elec-
tionist:
"The Difference."
8 p.m.—"Big Ben."
8 p.m.—THE N.S.W. STATE MILITARY BAND
from Naval House:
March, "Au Secours" (Vanderwell).
8.5 p.m.—MABEL BATCHELOR, soprano;
"Prima Donna" (Roedel).
8.9 p.m.—THE N.S.W. STATE MILITARY
BAND:
Overture, "Zampa" (Herald).
8.10 p.m.—MONTGOMERY STUART, elec-
tionist:
"O' Health."
8.21 p.m.—THE N.S.W. STATE MILITARY
BAND:
(a) Waltz, "In a Spanish Town."
(b) Idyll, "Narcissus" (Nevin).
8.24 p.m.—RAYMOND ELLIS, eminent Eng-
lish baritone, in a Recital of
JEWEL MUSIC
(Religious and Secular).
8.50 p.m.—THE N.S.W. STATE MILITARY
BAND:
Selection, "Opera Bouquet" (Bridgnd).



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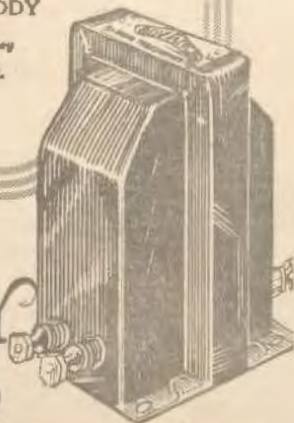


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ADVANCE

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17/6

3LO, MELBOURNE.

Tuesday.

MIDDAY SESSION.

- Announcer: MAURICE DUDLEY
- Accompanist: AGNES FORTUNE
- 12.30 a.m.—Opening of Geelong and Western District Annual Winter Carnival by the President, Senator J. F. Guerin.
- 12 noon—Pure Signal Metal Prices received by the Australian News and Metals Association from the London Stock Exchange this day. British Official Wireless News from Rugby, Leicester and the Australian Press Association Cables: "Argus" News Service.
- 12.30 p.m.—EDOUARD LAMBERT, Violin: "Concerts" (Max Bruch).
- "See Marie" (Grieg).
- 12.30 p.m.—STUDIO ORCHESTRA: "Magic Flute" (Mozart).
- 12.30 p.m.—Stock Exchange Information.
- 12.35 p.m.—GERTRUDE HUTTON, Contralto: "The Forge" (Berlioz).
- "New Sleeps the Crimson Pearl" (Quilter).
- 12.50 p.m.—STUDIO ORCHESTRA: "The Snowflake" (Aristide).
- 1.0 p.m.—MILLIE MCCORMICK, Soprano: "Weep You No More, Sad Zouzanna" (Dowland).
- "Her Rose Checks" (Campanini).
- 1.17 p.m.—Meteorological Information; Shipping Intelligence; Weather Forecast for Victoria, Tasmania, South Australia and New South Wales; Ocean Forecast; River Report.
- 1.11 p.m.—EDOUARD LAMBERT, Violin: "Reverie" (Liszt).
- "Romance" (Schubert).
- 1.24 p.m.—GERTRUDE HUTTON, Contralto: "Fasc" (Debussy).
- "Spring" (Bachman).
- 1.28 p.m.—STUDIO ORCHESTRA: "No. 1 Trio" (Beethoven).
- 1.31 p.m.—MILLIE MCCORMICK, Soprano: "Fairy Land" (Grieg).
- "When Love Comes" (Rozsa).
- 1.45 p.m.—STUDIO ORCHESTRA: "Hiawatha Suite" (Coleman Taylor).
- 2.0 p.m.—Results of WATERLOO 43rd RIFLES, Section and District Annual Winter Carnival; Transmitted from Geelong.
- 2.5 p.m.—Close Down.

AFTERNOON SESSION.

- Announcer: MAURICE DUDLEY
- Accompanist: AGNES FORTUNE
- 3.0 p.m.—JOE ARNOLD AND HIS SYM-COPATING SYMPHONISTS: "What's the Use of Crying" (Rubinstein).
- "Hello, Finland" (Finland).
- "Brown Eyes" (Tennant).
- 3.10 p.m.—MIL PATRY: "Fashion Talk."
- 3.25 p.m.—JOE ARNOLD AND HIS SYM-COPATING SYMPHONISTS: "Just a Bird" (Danzon).
- "If You See Bill" (Kohn).
- "For My Sweetheart."
- 3.35 p.m.—THE PRIMER FOUR: "Just a Bird" (Danzon).
- "Be, Be, Biscuits" (Dixon).
- 3.42 p.m.—JOE ARNOLD AND HIS SYM-COPATING SYMPHONISTS: "Because Love You Love" (Goodman).
- "Cherie I Love You" (Goodman).
- "Chinese Moon" (Nussbaum).
- 3.52 p.m.—FRANK AND FRANCES LUIZ: "Honey" (Ertz).
- Duet: "Chin Javanese Song" (Song, Kim In).
- 3.57 p.m.—"Arrowsale Heral."
- 4.2 p.m.—JOE ARNOLD AND HIS SYM-COPATING SYMPHONISTS: "I'm on my Way Home" (Berlioz).
- "Camille" (Sherman).
- "Muddy Water" (de Rose).
- 4.13 p.m.—THE PRIMER FOUR: "Just One More Kiss" (Smith).
- "Think a Rose in California" (Swiss).
- 4.19 p.m.—JOE ARNOLD AND HIS SYM-COPATING SYMPHONISTS: "Perhaps You'll Think of Me" (Stone).
- "Buffalo Bill" (Burgis).
- "If I Didn't Know" (Swiss).
- 4.22 p.m.—"The Day's Results of the Geelong and District Annual Winter Carnival, transmitted from Geelong.

- 9.2 p.m.—MABEL BATHCHELOR, soprano: (a) "Alcornoque" (Gower).
- (b) "Bonnie Banks of Loch Lomond" (Scottish Air).
- 9.7 p.m.—THE N.S.W. STATE MILITARY BAND: "Highland Fling" (Amers).
- 9.15 p.m.—DEEK KINNOTTE, saxophone.
- 9.23 p.m.—GLADSTONE HELL, cello solo: "Hungarian Rhapsody" (Paganini).
- 9.39 p.m.—CHARLES RENTON, comedian: (a) "Sash" (Gilbert-Mercy).
- (b) "Wana Blues" (Byrne-David).
- 9.42 p.m.—THE N.S.W. STATE MILITARY BAND: Selection: "Faus" (Gounod).
- 9.52 p.m.—MONTGOMERY STUART, elocutionist: "Prologue."
- 9.59 p.m.—MABEL BATHCHELOR, soprano: "Ode Battery" (Hawley).
- 10.2 p.m.—RAYMOND ELLIS, baritone: "Tender Song" from "Carmen" (Bisni). (With explanatory remarks).
- 10.10 p.m.—GLADSTONE HELL, cello solo: (a) "Bonnie" (Paganini) (unaccompanied).
- (b) "Favourite" (Händel).
- 10.17 p.m.—CHARLES RENTON, comedian: (a) "The More we are Together" (Campbell).
- (b) "Cookery Hints" (for the ladies) (Renton).
- 10.25 p.m.—THE N.S.W. STATE MILITARY BAND: March: "Blaze of Glory" (Holmann).
- 10.35 p.m.—DANCING SESSION, conducted by LIEN MAURICE. Band: (a) "Black Shark" (O'Hagan).
- (b) "Six Feet of Papa" (Sitzman).
- (c) "She said and I said."
- Songs: (a) "Song of the Wanderer" (Meret).
- (b) "A little Spanish Town."
- 10.57 p.m.—Late news and announcements.
- 11 p.m.—"Big Ben" Dancing Session organized by LIEN MAURICE. Records: (a) "She Knows her Onions" (a) "Dise-colored Glasses" (Steptier).
- (b) "It was your Hat" (O'Hagan).
- Songs: (a) "Meadow Lark."
- (b) "Birds in the Air."
- Band: (a) "When the Red, Red Robin" (a) "At Peace with the World."
- (c) "Mignonette."
- 11.50 p.m.—National Anthem.
- Close down.

2BL, SYDNEY.

Tuesday.

EARLY MORNING SESSION.

- 7 a.m.—G.P.O. Clock and chimes. Metropolitan Weather forecast.
- 7.2 a.m.—State weather report.
- 7.4 a.m.—News service.
- 7.16 a.m.—Fruit Market report.
- 7.18 a.m.—Vegetable Market report.
- 7.20 a.m.—A.M. and S. Co.'s report.
- 7.24 p.m.—Dairy Farm Produce Market Report.
- 7.26 a.m.—Poultry Market Report.
- 7.30 a.m.—G.P.O. Clock and chimes. Musical programme from Studio.
- 7.37 a.m.—News service.
- 7.42 a.m.—Boats in call by wireless.
- 7.44 a.m.—Mail information, shipping arrivals and departures, and port directory.
- 7.49 a.m.—News service.
- 8 a.m.—G.P.O. Clock and chimes. Close down.

MORNING SESSION.

- 10.30 a.m.—G.P.O. Clock and chimes—Musical programme from the studio.
- 10.40 a.m.—News from "Daily Telegraph."
- 10.50 a.m.—Musical programme from the Studio.
- 11 a.m.—G.P.O. Clock and chimes. Announcements.
- 11.5 a.m.—Musical programme from the studio.
- 11.10 a.m.—Social Notes—Replies to correspondents by Mrs. Jordan. Talk on "Pedicure" by Mr. Adams, A.M.A.

- 12 noon.—G.P.O. Clock and chimes. Special Ocean Forecast and weather report.
- 12.4 p.m.—Musical programme from the studio.
- 12.13 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.
- 12.28 p.m.—Dairy and Farm Produce Market Report.
- 12.30 p.m.—G.P.O. Clock and chimes. Forecast Market report.
- 12.31 p.m.—Fish Market report.
- 12.34 p.m.—Rabbit Market report.
- 12.36 p.m.—News from the "Sun."
- 12.45 a.m.—Hibiers Instrumental Quartet—direction—Carol Castling.
- 1.0 p.m.—G.P.O. Clock and chimes. Talk to children and special entertainers 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."
- 3.0 p.m.—G.P.O. Clock and chimes. News from "Sun."
- 3.15 p.m.—Civil Service Stores Trio—direction—Miss de Courcy Bromer.
- 3.30 p.m.—G.P.O. Clock and chimes.
- 3.34 p.m.—"Wanderers in the Pacific" by Mr. Bath Airks.
- 4 p.m.—G.P.O. Clock and chimes. Civil Service Stores Trio.
- 4.15 p.m.—Musical programme from the studio.
- 4.25 p.m.—News from the "Sun."
- 4.52 p.m.—Ratag House.
- 4.58 p.m.—Review of night's programme.
- 5.04 p.m.—Agriculture, and What It Is.
- 5.15 p.m.—Special Ocean Forecast.
- 5 p.m.—G.P.O. Clock and chimes. Close down.

EARLY EVENING SESSION.

- 6.45 p.m.—G.P.O. Clock and chimes. Uncle Sam and the Kidnies.
- 6.50 p.m.—Musical programme from the studio.

SPECIAL COUNTRY SESSION.

- 7 a.m.—G.P.O. Clock and chimes.
- 7.15 a.m.—Country News from the Land and Finance Co.'s report.
- Weather Report and forecast by courtesy of Govt. Meteorologist.
- Producers' Distributing Society's Fruit and Vegetable Market report.
- Stock Exchange reports.
- Grain and Fodder report ("Sun").
- Dairy Produce report ("Sun").
- 15 p.m.—Country News from the "Sun."
- 2.30 p.m.—Talk on "The Motor Car" by Mr. Martin.
- 3 p.m.—G.P.O. Clock and chimes.
- 3.15 p.m.—Broadcaster's Special Chorus.
- An hour's programme presented by Cassus Valdes.
- 3.3 p.m.—Broadcasters light orchestra under the direction of Mr. J. Knight Barrer.
- 3.45 p.m.—Mr. Dudley Heinrich (violin).
- 3.50 p.m.—Mr. Gerald Wallace (violin).
- 3.55 p.m.—Miss Lenore Gotsch, in German Lieder.
- 3.57 p.m.—Mr. Hungen Hohenbergh (piano solo).
- 3.57 p.m.—Enrico Rigattier, (tenor).
- 3.54 p.m.—Resume of following day's programme; weather report and forecast by courtesy of Mr. C. J. Kears, Govt. Meteorologist.
- 9 p.m.—G.P.O. Clock and chimes.
- 9.1 p.m.—Broadcasters light orchestra.
- 9.11 p.m.—Mr. Dudley Heinrich.
- 9.14 p.m.—Mr. Gerald Wallace.
- 9.25 p.m.—Miss Lenore Gotsch.
- 9.30 p.m.—Mr. Hungen Hohenbergh.
- 9.35 p.m.—Broadcasters light Orchestra.
- 9.53 p.m.—Enrico Rigattier.
- 10.3 p.m.—Broadcasters light orchestra.
- 10.12 p.m.—The Ambassadors Dance Band broadcast from the ballroom of the Ambassador. During intervals between dances news reports by courtesy of the "Sun" Newspapers will be broadcast.
- 12 a.m.—G.P.O. Clock and chimes.
- National Anthem.

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Two such allies as the Acme and the Raytheon must make history and the combination is proving irresistible. No up-to-date wireless enthusiast can afford to overlook this brand new opportunity!

4.40 p.m.—JON ARONSON and HIS SYM-COPATING SYMPHONISTS:
"The Original Black Bottom" (Henderson),
"Dancing on the Landing of Love"
4.45 p.m.—"Herald" News Service; Stock Exchange Information.
5.0 p.m.—Close Down.

EVENING SESSION.

5.30 p.m.—Answers to Letters and Birthdays Greetings to MARY LUMLEAF.
6.0 p.m.—STUDIO ORCHESTRA:
"Baby's Oenae" (Byng).
6.10 p.m.—JANE BLACKMORE, Contralto, will sing two little songs for the children.
6.15 p.m.—CAPT. DONALD MACLEAN:
"The Pirates' New Stronghold."
6.30 p.m.—Official Report of Newmarket Stock Sales; Report on Sheep and Lambs by the Live Stock Agents' Association, Oxford Chambers, Bourke Street, Melbourne.
6.35 p.m.—"Herald" News Service; Weather Synopsis; Shipping Movements.
6.45 p.m.—Stock Exchange Information.
6.52 p.m.—Fiji Market Reports by J. R. Barrett, Ltd.; Rabbit Price.
6.55 p.m.—River Reports.
6.58 p.m.—Market Prices by the Victorian Producers' Co-operative Co., Ltd.; Dairy Produce, Potatoes and Onions; Poultry, Grain, Straw, Hay and Jute.
7.0 p.m.—Fruit Market Reports by the Victorian Wholesale Fruitellers' Association, compiled by "The Fruit World," exclusive to 3LO.

NIGHT SESSION.

Announcer..... ALFRED ANDREW Accompanist..... AGNES FORTUNE
7.15 p.m.—Under the auspices of the Royal Automobile Club of Victoria, Mr. C. J. P. Hodges, Secretary of the R.A.C.V.:
"Accidents and Their Causes."
7.30 p.m.—Under the auspices of the University Extension Board, MISS J. S. WEBB, M.A., Senior Lecturer in History at the University of Melbourne:
"Aviation as an Art in Archaeology."
7.45 p.m.—REV. KENNETH HENDERSON:
"What is 'For II' Doing?"
8 p.m.—MALVERN TRAMWAYS BAND:
March, "Johanna" (Rimner's)
Overture, "Rouge et Noir" (Trauall).
8.10 p.m.—MR. H. E. F. LAMPE:
"History of Diamonds."
"The Diamond."
8.20 p.m.—ISABEL BIDDLE, Contralto:
"Lament of Isis" (Bantock).
"Drink to Me Only" (Arr. by Quilter).
8.25 p.m.—MALVERN TRAMWAYS BAND:
Selection, "Barber of Seville" (Rossini).
8.42 p.m.—HEITHA JORGENSEN, Violin Recital:
"Sinfata in F Major" (Grieg).
8.55 p.m.—Announcements: THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TO-DAY IS FOR MOTORISTS:
"Most automobile accidents are preventable—frequent inspection prevents accidents—lighten that loose part now."
8.59 p.m.—MELBOURNE CHORAL UNION, under the direction of WM. G. JAMES:
Part Song, "Meg Merrilies" (Rustand Broughton).
"Irish Tune from County Kerry" (Granger). (Unaccompanied).
"O'er the Woodland Chase" (Warring).
9.0 p.m.—SIR WILLIAM IRVINE will present the 3LO CUP to MR. A. J. WATSON, who broke the 140 yds. Australasian Hurdle Record (Time, 24.9-10 secs.) at the last Track and Field Games Championship of Victoria. His time is only 9 seconds outside the World's Record.
9.10 p.m.—MALVERN TRAMWAYS BAND:
Medley, "The Lightning Switch" (Alford).
9.15 p.m.—LENDSEY BIRCHINS, Pianoforte Recital:
"Scherzo in B flat minor" (Chopin).
"Nocturne in F Minor" (Chopin).
"Arabesque" (Liszt).
"Romance in B flat" (Sibelius).
"Berceuse" (Liszt).
"Scherzo in E Minor" (Mendelssohn).
9.45 p.m.—THE PREMIER FOUR:
"Play a Row in California" (Swift).
"Melisande."
9.55 p.m.—Meteorological Information; British Official Wireless News from Rugby.

10.1 p.m.—MALVERN TRAMWAYS BAND:
Novely, "Pop Goes the Weasel" (Hawkins).
10.3 p.m.—THE PREMIER FOUR:
"Mighty."
"Sweet Hawaiian Sands" (O'Hagan).
10.15 p.m.—MARION LIGHTFOOT, Banjo:
"Old Melodist."
10.22 p.m.—MALVERN TRAMWAYS BAND:
Selection, "Gems of Harmony" (Wagner).
10.32 p.m.—"Argus" News Service; Sporting Notes by "Olympus."
10.40 p.m.—JOE ARONSON and HIS SYM-COPATING SYMPHONISTS:
"Sue Foot."
"How Long Must I Wait For You?"
"Targuere" (Molle).
"Half a Moon is Better Than No Moon at All" (Reynolds).
"Boiling" (West).
"In a Little Spanish Town" (Wayne).
11.0 p.m.—OUR GREAT THOUGHT:
"We only begin to realize the value of our possession when we commence to do good to others with them. No earthly investment pays so large an interest as charity."
—Joseph Cook.

11.1 p.m.—JOE ARONSON and HIS SYM-COPATING SYMPHONISTS.
11.40 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

Tuesday.

MORNING NEWS SESSION.

12 a.m. to 12 noon.

MIDDAY CONCERT SESSION.

Programme Director, Mr. Godfrey Hayes.
12.1 p.m.—Transmitted from Panatrophe House, 265 Collins Street (by permission of Willis and Paton, Ltd.), on the Brunswick Panatrophe.
1 p.m.—Close down.

MATINEE SESSION. ORCHESTRAL CONCERT.

2.30 p.m.—Studio Orchestra:
"Schumann Songs" (Ar. Roberts).
2.45 p.m.—Mr. Michel Connolly, Irish lute-sonnet:
"Fruit O'Flyn" (Villiers).
"Believe me, if all those endearing young charms" (Moore).
2.53 p.m.—Studio Orchestra:
"Tilapia" (Miles).
5.7 p.m.—Mr. Ronald Brearley, cello:
"Lichosternum" (Franz Von Blon).
3.11 p.m.—Studio Orchestra:
"A Summer Night," Suite (Dowd).
3.25 p.m.—Mr. Michel Connolly, Irish lute-sonnet:
"Mother Machree" (Ball).
"The Harp that one" (Moore).
3.34 p.m.—Studio Orchestra:
"Ardre Canaille" from the string quartet (Tchakowsky).
3.52 p.m.—Mr. Daniels, tenor:
"The Love Lily" (Thomson).
"Alas, that Spring should Vanish" (Del Rey).
4 p.m.—G.P.O. clock says, "Four."
4.1 p.m.—Second weather forecast.
4.4 p.m.—Studio Orchestra:
"Norwegian Suite" (Schytte).
4.50 p.m.—Mr. Daniels, tenor:
"Where the Haystack Grows" (Finden).
"If in the great Bazaars" (Finden).
4.55 p.m.—Studio Orchestra:
"From Stage to Stage" (Fetras).
5 p.m.—G.P.O. clock says, "Five."
Close down.

CHILDREN'S SESSION.

6.30 p.m.—Uncle Mac's entertainment.

EVENING SESSION. COMEDY AND CONCERT.

7.30 p.m.—"The Captain." School life and school sport for the boys and girls of Australasia.
7.55 p.m.—Market reports.
Notices.
8 p.m.—G.P.O. clock says, "Eight."

- 2.1 p.m.—Miss Dulce Joseph, soprano:
"The Cycle of Life" (Landon Ronald).
(a) "Prelude."
(b) "Dawn in the Forest."
(c) "Love, I have won you."
- 2.7 p.m.—Master Eric Challiner, violin:
"Träumerei" (Schumann).
"Lindenschloß Concerto" (Dvorak-Kretzsch).
2.15 p.m.—Ariel Quaker Party:
Mr. Joseph Delaney, tenor, Mr. James
Searley, second tenor, Mr. George H.
Mandley, bass, Mr. Frank Nicholson,
second bass.
"Don't you cry, my loaves" (Noll).
"In a garden" (Linders).
2.22 p.m.—Mr. Radcliffe Hawley, maintenance:
Fifteen minutes of fun and sing:
"There's a lad" (Allison).
Monologue, "Maud Marie" (Tomponer).
Monologue, "Miss Hannah" (Tomponer).
"In Donna's Memory" (Verrill).
2.27 p.m.—Miss Violet Wood, piano:
"Fetters" (Greig).
"Preludium" (Greig).
2.35 p.m.—Mr. George Mauger, bass:
"The Ballad Monks" (Martin).
"In Love" (Lohr).
2.40 p.m.—Mr. Allan Bell, comedian, ten
minutes of song and story:
"The Parson of Puddle" (Ocell).
"Bring back those wonderful days" (Vinc-
poet).
- 3 p.m.—Miss Dulce Joseph, soprano:
"Cycle of Life" (Landon Ronald).
"The Winds are Calling."
"Drift Down, Drift Down."
- 3.6 p.m.—Master Eric Challiner, violin:
"Largo Calibre" (Handel).
"Presto non Trovato" from Sonata
"Tartali".
- 3.10 p.m.—Ariel Quaker Party:
"Carry me back to old Virginia" (Riandi).
"The long day closes" (Sullivan).
3.22 p.m.—Mr. Frank Tomponer, "Poster
Work."

An interesting talk (under the auspices of
the Arts and Crafts Society of Victoria).

- 3.26 p.m.—Miss Violet Wood, piano:
Waltz "Brahms".
Waltz No. 7 (Chopin).
3.40 p.m.—Mr. Joseph Delaney and Md. Frank
Nicholson:
Duet, "Evor and Barbers" (Lass Wilson).
"The garden of our hearts" (Hall).
3.50 p.m.—Mr. Allan Bell, comedians:
"O! My! Yes!" (Arystead).
"Allan and his Froth Blowers in their
Anthers" (by request).
3.55 p.m.—1 P.M. clock says, "Ten".
10.1 p.m.—"The Age" news bulletin.
10.5 p.m.—Dance Hour. Leggett's Ballroom
Orchestra (direction, Mr. Harry Nangle).
11.05 p.m.—Tomorrow's entertainment.
11 p.m.—P.M. clock says, "Eleven".
God Save the King.

4QG, BRISBANE.

Tuesday

MIDDAY SESSION.

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

FROM HOTEL CARLTON—

- 1.30 p.m.—Lunch Music played by Hotel Car-
ton Symphony Orchestra.

FROM THE OBSERVATORY—

- 1.58 p.m.—Standard time signal.
2 p.m.—Class down.

AFTERNOON SESSION.

A PROGRAMME OF MUSIC FROM THE
STUDIO.

- 2.30 p.m.—Duo Art selection, "Norwegian
Dance" (Greig); Arcadian Vocalion selections—
(a) orchestral "Maiden of Popular Dances,"
Barby Bigwood's Orchestra, (b) contralto
solo, "Christian's Lament" (Dvorak), Miss
Babel Hook; Duo Art selection, "Apple
Blossoms" (Robert); Arcadian Vocalion
selections—(a) violin solo, "The Old
Refrain" (Kreutzer), Milan Lusk, (b) bass
solo, "Serenade Major" (Longstaffe), Mr.
Malcolm McKechnie; Duo Art selection.

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4.18 p.m.—"telegraph" news.
4.30 p.m.—Close down.

EARLY EVENING SESSION
6 p.m.—"Daily Standard" news; announcements.
6.18 p.m.—Lecturette: "Come Back to Gymbie"
6.30 p.m.—The Children's Session. Stories by Uncle Jim.
7 p.m.—Market reports. Stock reports.
7.30 p.m.—Weather news. Announcements.
7.48 p.m.—Standard time signals.
7.55 p.m.—Lecturette: "Photography" by Mr. F. L. South (Kodak, Ltd.).

NIGHT SESSION.
SANDGATE METHODIST CHOIR.
To-night's programme will be provided by the Sandgate Methodist Choir (Conductor, Mr. Norman Evans; accompanists, Miss Winifred Freeman).
Union chorus, "I Believe in Sandgate" (Midleton); the choir; part-song, "Land of Hope and Glory" (Elgar); the choir; baritone solo, "The Company Sergeant Major" (Sanderson); Mr. Bryhn Evans; anthem, "How Down Thine Ear" (Bach-Gounod); the choir; duet, "Love's Valley" (Day); Mr. A. H. Evans and Miss Elsie Cole; chorus, "Bridal Chorus" (Cowen); the choir; Jubilee chorus, "Steal Away" (Brandon Bros.); contralto solo, "Life's Lullaby" (Gerard Lane); Miss Norma Evans; Jubilee Chorus, "Good News" (Brandon Bros.); organ solo, "Gloria" (Haydn); Miss Winifred Freeman; Jubilee chorus, "O Brother Don't Stay Away" (Brandon Bros.); soprano solo, "Thanksgiving" (Cowen); Miss H. W. Chapman; Jubilee chorus, "There's a Great Camp Meeting" (Brandon Bros.); part-song, "Who Shall Win My Lady Fair" (De Penally); the choir; humorous recitation, "Not Too Bad" (Mr. Lou Jarrott).

9 p.m.—Metropolitan weather forecast; soprano solo, "Love's Valley" (Forster); Mrs. H. Taylor; chorus, "Glorious is Thy Name" (Mozart); the choir; soprano solo, "Life's Glorious Anthem" (Kenneth Rose); Mrs. E. Bishop; selection of hymns—"Lux Ed" (Sullivan), "Green Hill" (A. L. Pease), "The Name of Jesus" (introducing the tune "Selmsot"), soloist, Mrs. H. W. Chapman—Nichel; "St. Leonard's" (Dr. Hill); "Italia" (Italian melody); the Choir; bass solo, "The Carroone" (Adams); Mr. W. L. Bretale; chorus, "Let the Hills Rejoice" (Richard); the choir; soprano solo, "Little Brown Cottage" (Dickson); Miss Norma Woodhead; humorous duet, "Contradicting" (Mr. and Mrs. J. H. Harkhorn); chorus, "The Contradict Song of Hope" (Adolphe Adam); the choir; two-part song, "When the Wind Blows in from the Sea" (Smart); choir members; part-song, "Anchored" (Watson); the choir; organ solo, "Andante" (Mendelssohn); Miss Winifred Freeman; part-song, "The Bell" (Wheeler); the choir; recitation, "The Lover with a Bad Cold" (Anon.); Mr. Lou Jarrott; part-song, "A Perfect Day" (Jacobs-Boud); the choir.
10 p.m.—"The Daily Mail" news. Weather news.
Close down.

5CL, ADELAIDE.

Tuesday.

MORNING SESSION.
12 noon.—Chimes.
12.1 p.m.—Studio music.
12.15 p.m.—"Advertiser" news service and Market reports.
12.46 p.m.—Studio music.
2 p.m.—"Advertiser" news service.
1.15 p.m.—Studio music.
2 p.m.—Chimes, Stock Exchange intelligence, Official weather bulletin. Close down.

AFTERNOON SESSION.
2 p.m.—Chimes.
2.1 p.m.—Relay from Maple Leaf Cafe; Orchestral selection.

2.45 p.m.—Studio Music.
3 p.m.—Chimes.
3.15 p.m.—Relay from Artradio Cafe; Orchestral selection.
4.57 p.m.—Studio announcements.
5 p.m.—Chimes and close down.
EVENING SESSION.
6 p.m.—Chimes.
6.1 p.m.—Dinner Music from Council Gardens.
6.18 p.m.—Children's Time with Auntie Peggy and Uncle Mike.
7.20 p.m.—Market reports. Stock Exchange intelligence. Retail Grocers' reports. Automobile Association Bulletin. Daw's Fish Market reports.
7.30 p.m.—"Demus" and "The Home Beautiful."
8 p.m.—Chimes.
8.1 p.m.—Relay from Messrs. Allen's, Ltd., a programme of instrumental and vocal numbers by popular artists.
9.51 p.m.—From the Studio, Dr. Field.
9.53 p.m.—Relay from Glensic; "The Malaga Dance Band."
10.28 p.m.—Weather bulletin.
11 p.m.—Station announcements. Chimes. National Anthem.

7ZL, HOBART

Tuesday.

MORNING SESSION.
11 a.m.—Chimes and tune in.
11.1 a.m.—Tune in selection.
11.5 a.m.—Tasmanian stations 9 a.m. weather report.
11.30 a.m.—British official wireless news.
11.35 a.m.—"Mercury" news service.
11.55 a.m.—Shipping information. Ships within wireless range.
11.40 a.m.—Mail notices.
Commercial news.
Foreign exchange market.
Housewives' guide.
11.50 a.m.—Musical selections.
12 noon.—G.P.O. Clock Chimes.
Close down.

AFTERNOON SESSION.
3 p.m.—G.P.O. Clock Chimes.
3.1 p.m.—Orchestral selections by 7ZL Orchestra.
4.18 p.m.—Educational talk.
4.25 p.m.—Hobart Stock Exchange quotations. Weather forecast.
4.50 p.m.—Close down.
EARLY EVENING SESSION.
7.30 p.m.—Musical selection.
7.35 p.m.—Literary Lapses and Library Lists by Mr. W. E. Fuller.
7.50 p.m.—"Mercury" special Tasmanian news service.
7.55 p.m.—Railway auction produce sales. Hobart Stock Exchange quotations.
Weather information.
8 p.m.—G.P.O. Clock Chimes.
8.1-9.30 p.m.—Concert from the Studio; Miss Olive Tedman (soprano), Mr. Nat. Brownell (bass), Mr. Prod. Herand (baritone), Bert Hall (eclecticist), Miss Pleese (pianist).
9.51 p.m.—British official wireless news.
9.55 p.m.—"Mercury" special interstate news service.
9.58 p.m.—Weather synopsis.
10 p.m.—Station announcements.
10 p.m.—Close down.

Wednes., July 13 2FC, SYDNEY

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

MORNING SESSION.

- 10 a.m.—"Big Ben" and announcements.
 10.5 a.m.—Studio music.
 10.15 a.m.—"Sydney Morning Herald" news service.
 10.30 a.m.—Studio music.
 10.35 a.m.—A 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 Bentley's Cable Services.
 11.15 a.m.—Studio music.
 11.15 a.m.—A talk on Home Cooking and Recipes by Miss Ruth Frost.
 11.40 a.m.—Close down.

MIDDAY SESSION.

- 12 noon—"Big Ben" and announcements.
 12.2 p.m.—Stock Exchange. First call.
 12.6 p.m.—Official weather forecast, rainfall.
 12.8 p.m.—Studio music.
 12.10 p.m.—Summaries of "Sydney Morning Herald" news service.
 12.22 p.m.—Rugby wireless news.
 12.25 p.m.—Studio music.
 12.50 p.m.—Marching music for school children.
 12.40 p.m.—LOTYS LESCAUT, soprano.
 12.41 p.m.—JOYCE FREW, violinist:
 (a) "Sicilian Dance" in G Minor (Drapak-Kriesler).
 (b) "Berceuse" (Ambrosio).
 12.50 p.m.—Studio music.
 1 p.m.—"Big Ben." Weather intelligence.
 1.3 p.m.—"Evening News" midday news service.
 1.35 p.m.—Studio music.
 1.38 p.m.—Stock Exchange, second call.
 1.40 p.m.—Marching music for school children.
 1.40 p.m.—LOTYS LESCAUT, soprano.
 1.44 p.m.—Studio music.
 2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

- 2 p.m.—"Big Ben" and announcements.
 2.3 p.m.—A Vocal Recital by the Pupils of Madame Emily Marks.
 3.30 p.m.—Marching music for school children.
 3.40 p.m.—PEGGY DUNBAR, contralto:
 "Three" (Liz Ward).
 3.45 p.m.—Further (tears from the Recital arranged by Madame Emily Marks).
 4 p.m.—ANNE MILLS, soprano:
 "Wings" (Haddrell).
 4.4 p.m.—JOYCE FREW, violin solo:
 "Caucasietta" (Ambrosio).
 4.7 p.m.—Studio music.
 4.11 p.m.—ANNE LUCIANO, soprano:
 "Tross" (Rasbach).
 4.18 p.m.—Studio music.
 4.20 p.m.—PEGGY DUNBAR, contralto:
 "What a Wonderful World" (Lohr).
 4.24 p.m.—Studio music.
 4.28 p.m.—JOYCE FREW, pianoforte solo:
 "Valse C Sharp Mineur" (Chopin).
 4.54 p.m.—Studio music.
 4.40 p.m.—ANNE MILLS, soprano:
 "Walses" (Phillips).
 4.45 p.m.—Stock Exchange, third call.
 4.48 p.m.—Studio music.
 4.50 p.m.—ANNE LUCIANO, soprano:
 "A Song Remembered" (Coutts).
 4.54 p.m.—Studio music.
 5 p.m.—"Big Ben." Close down.

EARLY EVENING SESSION.

- 5.43 p.m.—The Chimes of St. Paul.
 5.50 p.m.—The "Hello Ben" talks to the children.
 6.30 p.m.—A Serial Story.
 6.40 p.m.—Dinner music.
 7 p.m.—"Big Ben." Late sporting news.
 7.10 p.m.—Dalgely's market reports (wheat, wheat and stock).
 7.14 p.m.—Fruit and vegetable markets.
 7.20 p.m.—Weather and shipping intelligence.
 7.25 p.m.—Late "Evening News" news service.

NIGHT SESSION.

- 7.40 p.m.—Programme announcements.
 7.45 p.m.—"Animals which attack Human Beings" a talk by Mr. A. P. Le Gouff.

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SYDNEY, N.S.W.

Agents: LAWRENCE & HANSON, 33 York St.

8 a.m.—"Big Ben."
THE LYRIC WINTER GARDEN THEATRE; Jimmy Elkins and his Jazz Band, with the Grand Organ.

9.15 a.m.—WILLIAM BOWYER, baritone:

(a) "Two Grenadiers" (Schumann).

(b) "Sylvia" (opera).

9.45 a.m.—HARRY BROWN, cornet solos:

(a) "The Soul of the Surf" (Smith).

(b) "Beacon" (Hardie).

9.58 p.m.—MARGARET JAMES, soprano:

(a) "The Cantor Lark" (Ronald).

(b) "Una Chen Een Pat" (Rossini).

10.30 noon.—A novel Book Competition.

9.45 a.m.—WILLIAM BOWYER, baritone:

(a) "My Jewels" (Sanderson).

(b) "Soldier, with the Night" (Dix).

9.45 a.m.—CAPTAIN FRANK HUBLEY will give the third of his series of

ADVENTURE TALKS on

THE MAWSON EXPEDITION TO THE

SOUTH POLE,

with effects, arranged by Mr. Laurence Halbert and interspersed with musical items.

Note: This talk was originally set down for Wednesday, 29th June.

9.45 p.m.—MARGARET JAMES, soprano:

(a) "Little Birdie" (Puccini).

(b) "Lovers in a Lane" (Lehmann).

9.45 p.m.—AL JACK and his "Crackerjacks" in popular dance music.

9.52 p.m.—HARRY BROWN, cornet solos:

(a) "Al Sunset" (Cade).

(b) "The Sunshine of Your Smile" (Ray).

10.4 a.m.—AD CREE, Scotch comedian.

10.15 p.m.—THE LYRIC WINTER GARDEN THEATRE;

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

10.30 p.m.—AD CREE, Scotch comedian.

10.35 p.m.—AL JACK and his "CRACKER-JACKS" in Dance Music.

10.47 p.m.—Late news and announcements.

11 p.m.—"Big Ben."

AL JACK and his "CRACKERJACKS" will play Dance Numbers until 11.15.

11.15 p.m.—National Anthem.

Close down.

2BL, SYDNEY.

Wednesday.

EARLY MORNING SESSION.

7 a.m.—G.P.O. clock and chimes.

Metropolitan weather forecast.

7.2 a.m.—State weather report.

7.4 a.m.—News service.

7.10 a.m.—Fruit market report.

7.38 a.m.—Vegetable market report.

7.50 a.m.—A.M.L. and F. Co's stock report.

7.54 a.m.—Dairy farm produce market report.

7.58 a.m.—Poultry market report.

7.59 a.m.—G.P.O. clock and chimes.

Musical programme from the Studio.

7.57 a.m.—News service.

7.42 a.m.—Boats in call by wireless.

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

7.43 a.m.—News service.

8 a.m.—G.P.O. clock and chimes.

Close down.

MORNING SESSION.

11 a.m.—G.P.O. clock and chimes.

Musical programme from the Studio.

11.35 a.m.—Talk on "Baker's Hall" by Miss Yates; Broadcasters' women's society authority.

Social notes. Replies to correspondents by Mrs. Jordan.

Talk by a member of the Dental Board on "Dental Hygiene."

AFTERNOON SESSION.

12 noon.—G.P.O. clock and chimes.

Special ocean forecast and weather report.

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

12.15 p.m.—Information, Mails, shipping, and port directory.

12.18 p.m.—Boats in call by wireless.

12.20 p.m.—Fruit market report.

12.22 p.m.—Vegetable market report.

12.24 p.m.—London retail 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.—Bathurst market report.

12.36 p.m.—News from the "Sun."

12.45 p.m.—Miller's Instrumental Quartet—

Direction, Carl Castling.

1.00 p.m.—G.P.O. clock and chimes.

Talk to children and special entertainment for children in hospital.

2 p.m.—G.P.O. clock and chimes.

Musical programme from the Studio.

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

2.10 p.m.—Racing resume.

2.15 p.m.—News from the "Sun."

2.25 p.m.—Operatic talk by Mr. Billy Dick.

3 p.m.—G.P.O. clock and chimes.

News from the "Sun."

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

3.20 p.m.—G.P.O. clock and chimes.

Talk on "How to maintain your health," by Dr. Du Maurier.

3.50 p.m.—News from the "Sun."

4 p.m.—G.P.O. clock and chimes.

Musical programme from the Studio.

4.15 p.m.—Special.

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

4.50 p.m.—Racing resume.

4.52 p.m.—Results 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.

4.45 p.m.—G.P.O. clock and chimes.

Uncle Bass and the Kiddies.

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

SPECIAL COUNTRY SESSION.

7 p.m.—G.P.O. clock and chimes.

Australian Mercantile, Land and Finance Co's report.

Weather report and forecast by courtesy of Government meteorologist.

Producers' Distributing Society's fruit and vegetable market report.

Stock Exchange reports.

Grain and fodder report ("Sun").

Dairy produce report ("Sun").

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

7.30 p.m.—Talk by a member of the St John Ambulance Brigade.

8 p.m.—G.P.O. clock and chimes.

Broadcasters' Topical Chorus.

8.3 p.m.—The Versatile Two in piano and saxophone novelties.

8.13 p.m.—Miss Grace Quine, popular ballads.

8.20 p.m.—The Canterbury District Band (Bandmaster Mr. Stan Nicholls) broadcast from Baker's Hall, Cambridge.

8.40 p.m.—Ward Lear and Will Kenny in a singing, whistling and lunging act.

9 p.m.—G.P.O. clock and chimes.

Results of following day's programme.

Weather report and forecast by courtesy of Mr. G. J. Mares, Government Meteorologist.

9.6 p.m.—Broadcasters' Trio.

9.15 p.m.—Miss Hazel McIlvray, soprano.

9.20 p.m.—Broadcasters' all-sports expert will talk on "Boxing."

9.25 p.m.—The Canterbury District Band.

9.35 p.m.—Miss Grace Quine.

9.45 p.m.—Broadcasters' Trio.

10.0 p.m.—Miss Hazel McIlvray.

10.15 p.m.—Cec Moerlein and his Glimchaser broadcast from the ballroom of the Bondi Casino. During intervals between dances, "Sun" news will be broadcast.

11 p.m.—G.P.O. clock and chimes.

National Anthem.

2GB, SYDNEY

Wednesday.

MORNING SESSION.

9 a.m.—Music.

9.5 a.m.—"Cheerio" Talk.

9.15 a.m.—Music.

9.25 a.m.—Psychological Class.

9.40 a.m.—Music.

9.45 a.m.—Health and Diet.

10 a.m.—Close down.

AFTERNOON SESSION.

1.30 p.m.—Music.

2.07 p.m.—Talk.

3.02 p.m.—Music.

4.0 p.m.—Talk: Mrs. Coswath.

4.30 p.m.—Music.

6.30 p.m.—Close down.

EVENING SESSION.

8.30 p.m.—Children's Session.

9.05 p.m.—Music.

9.30 p.m.—Talk: Harold Morton.

10.15 p.m.—Church Service: Benediction.

10.40 p.m.—Address by J. K. Powell.

11.0 p.m.—Songs by MISS SYBIL JONES:

1. "O Little Birdie" (Fluettin).

2. "Voices in the Woods" (Rubenstein).

3. 6 p.m.—Address by Prof. E. Wood.

8.40 p.m.—Instrumental Trio: ADA

HANK SCULLY, MURIELLE LANG, ADA

BROOK.

9.42 p.m.—2GB Vocal Quartette:

ETHEL JONES, SYBIL BRYAN, THOMAS

HALL, CLEMENT HOSKING.

1. "The swine back to Dixie."

2. "Swing low, Sweet Chariot."

3. "Maama in the Cold Cold Ground."

4. 12 p.m.—Violin Solos by DAN SCULLY:

1. "Valse" (Brahms).

2. "Lavette" (Goussé).

8.50 p.m.—Songs by CLEMENT HOSKING:

1. "The Year of 'Irish'."

2. "Crishtled Age and Youth" (White).

8 p.m.—Recitation by Mr. Walter Hunt.

9.15 p.m.—Sonata, first movement, Op. 27

(Beethoven).

Sonata, first movement, "Waldstein"

(Beethoven).

Arrist: ADA BROOK (Piano).

9.30 p.m.—Instrumental Trio: ADA

HANK SCULLY, MURIELLE LANG, ADA

BROOK.

9.42 p.m.—2GB Vocal Quartette:

1. "Old Kentucky Home."

2. "Old Folks at Home."

3. "Old Black Joe."

ETHEL JONES, SYBIL BRYAN, THOMAS

HALL, CLEMENT HOSKING.

6.52 p.m.—Talk: "Cheerio."

10 p.m.—Close down.

3LO, MELBOURNE.

Wednesday.

MIDDAY SESSION.

Announcer: MAURICE DUDLEY

Accompanist: AGNES FORTUNE

12 noon.—Time Signal: Metal Prices received

by the Australian Mines and Metals Assoca-

tion from the London Stock Exchange

Bouters; and the Australian Press Assoca-

tion Cables: "Arma" News Service.

12.30 p.m.—FRANK AND FRANCES LUIZ:

Duet: "Akali Ho."

Song: "Lies of Paradise."

Steel Guitar: "One, Two, Three, Four."

12.30 p.m.—STUDIO ORCHESTRA:

"Dreasures of English Airs."

"As You Like It" (Tobias).

12.40 p.m.—Stock Exchange Information.

12.45 p.m.—MADAME LAMBERT, Soprano:

"Les Salons" (Massé).

Flute: (Sandercock).

12.50 p.m.—EDOUARD LAMBERT, Violin:

"Mimette" (Glay).

"Rosenwald" (Krivine).

1.0 p.m.—STUDIO ORCHESTRA:

"Waltz" (Fischkowsky).

"Soldiers' Chorus" (Pauel).

1.10 p.m.—Meteorological Information: Slip-

ping Intelligence: Weather Forecast for

Victoria, Tasmania, South Australia and

New South Wales; Ocean Forecast: River

Reports.

1.15 p.m.—MORTIMER J. PATTINGROVE:

"View of Bray" (Old English).

"Arabian Flower" (Irish).

1.20 p.m.—STUDIO ORCHESTRA:

"Flotation" (Streck).

"Wailing the Muse" (Brooks).

1.25 p.m.—MADAME LAMBERT, Soprano:

"I Love the Moon" (Ribault).

"Mon cœur s'ouvre" (Mourat).

1.35 p.m.—EDOUARD LAMBERT, Violin:

"Romance au Sol" (Beethoven).

"Gonzolet" (Wielokowski).

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54/-

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30 Market St., Sydney

1.16 p.m.—MORTIMER J. PETTIGROVE: "Linden Lea" (Vilhers Stanford).
1.18 p.m.—STUDIO ORCHESTRA: "Serenade" (Grieg).
2.0 p.m.—Close Down.
2.10 p.m.—Description of Harbide, 2 miles. GEELONG RACES, by "Musket," of the "Sporting Globe," from Geelong.
2.18 p.m.—Close Down.
2.40 p.m.—Description of Novice Handicap, 6 furlongs. GEELONG RACES, by "Musket," of the "Sporting Globe."
2.48 p.m.—Close Down.

AFTERNOON SESSION.

THE STUDIO ORCHESTRA.
Accompanist: MAURICE DUDLEY.
Accompanist: ANNES FORTUNE.
2.50 p.m.—STUDIO ORCHESTRA: "Laurentine School" (Laureoiden).
3.5 p.m.—Description of Casual Handicap, 1 mile 2 furlongs 182 yards. GEELONG RACES, by "Musket," of the "Sporting Globe," from Geelong.
3.10 p.m.—RICHARD CHUDO, Flute: "Nightingales" (Becker).
3.27 p.m.—THE PREMIER FOUR: "Pal of My Yesterday" (Bison).
3.35 p.m.—Description of Sirus Steeplechase, 9 1/2 miles. GEELONG RACES, by "Musket," of the "Sporting Globe," from Geelong.
3.45 p.m.—CAPTAIN DONALD MACLEAN: "More Madagascan Pirates."
3.55 p.m.—THE PREMIER FOUR: "It's a Good Thing Love Don't Fly." "When the One You Love Loves You."
4.8 p.m.—STUDIO ORCHESTRA: "Romance" (Beethoven).
4.15 p.m.—WILL HOWARD, Comedian: "Don't You Think It Ought to Be a Doctor?"
4.30 p.m.—Description of Juvenile Handicap, 5 furlongs. GEELONG RACES, by "Musket," of the "Sporting Globe," from Geelong.
4.35 p.m.—STUDIO ORCHESTRA: "Serenade" (Hilbert).
4.50 p.m.—SISTEN LOCKHAET: "Infant Welfare."
4.45 p.m.—Description of Curis Handicap, 7 furlongs. GEELONG RACES, by "Musket," of the "Sporting Globe."
4.55 p.m.—"Herald" News Service; Stock Exchange Information.
5.5 p.m.—Close Down.

EVENING SESSION.

5.35 p.m.—Answers to Children's Letters and Birthday Greetings by "Mazy, Mazy."
5.5 p.m.—DR. FLOYD and CHORISTERS from St. Paul's Cathedral in Songs, Duets, Choruses, etc.
5.50 p.m.—Official Report of Newmarket Stock Sales by Live Stock Agents' Association, Oxford Chambers, Bourke Street, Melbourne.
5.55 p.m.—"Herald" News Service; Weather and Aerial Mail Information by the Australian Aerial Services, Ltd.
6.45 p.m.—Stock Exchange Information: Overseas Shipping.
6.52 p.m.—Fish Market Reports by J. R. Barrett, Ltd., Rabb's Prices.
6.58 p.m.—Market Reports by the Victorian Producers' Co-operative Co., Ltd.; Newmarket Sheep Sales; Poultry, Grain, Straw, Hay, Jute, Chaff, Daley Produce, Potatoes and Onions.
7.5 p.m.—Fruit Market Reports by the Wholesale Fruitellers' Association, compiled by the "Fruit World," exclusive to 3L0.

NIGHT SESSION.

Announcer: ALFRED ANDREW.
7.16 p.m.—Under the auspices of the DEPARTMENT OF AGRICULTURE, MR. W. R. NEWELL, Agricultural Research Chemist, will speak on: "Valuing Fertilizers."
7.20 p.m.—Under the auspices of the VICTORIAN INSTITUTE OF ADVERTISING, MR. H. WILSON, Past-President, Victorian Institute of Advertising, will speak on: "At public dinner recently, Sir Joseph Cook expressed the opinion that no country had greater reason or greater need for advertising than Australia."

7.45 p.m.—CAPTAIN PETERS: "Books, Wine and Otherwise."
8.0 p.m.—SPECIAL MUSICAL PROGRAMME ARRANGED BY MISS A. D. COGAS. Two Pianos, Variations (Hilbert). MARJORIE THORPE, HELEN SPEEDING. Song, "True Love" (Hilbert). ETHEL FORSHAW, Soprano. Two Pianos, Suite (Fauré).
1. "Märkische Keide."
2. "Abendstimmung."
3. "Menuett."
8.15 p.m.—VERA CASBY and THIRZA WITTENHALL. Songs, "The Princess" (Debussy). "Hidden Love." ETHEL FORSHAW, Soprano. Two Pianos. "May Mail" (Bar). "Happy Plain."
THIRZA WITTENHALL, KONA THIRZA AMBLER. Song, "Sunday" (Hilbert). ETHEL FORSHAW, Soprano. Two Pianos, Andante and Variations (Schumann). HELEN SPEEDING, MARJORIE THORPE.
8.20 p.m.—Announcement: THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S Safety Message for To-day is for EVERYBODY: "Maintaining watchfulness is the price of safety. Think of the loved ones at home before taking a chance."
8.4 p.m.—MARION LIGHTFOOT, Sued. Gaiety. "Malene Waltz." "Serenade Petite."
9.11 p.m.—CAPTAIN DONALD MACLEAN: "Capit. Marchiondi's Roberts."
9.20 p.m.—VICTORY THEATRE ORCHESTRA, under direction of Mr. H. Barris, transmitted from the Victory Theatre.
10.45 p.m.—"Herald" News Service; Meteorological Information; British Official Wireless News.
11.0 p.m.—OUR GREAT THOUGHT: "The conditions of conquest are always easy. We have but to tell a white, and ere awhile, believe always and never turn back."—Slimsa.
11.1 p.m.—JOE ARONSON AND HIS SYN. COPATING SYMPHONISTS.
11.40 p.m.—GOD SAVE THY KING.

3AR, MELBOURNE

Wednesday.

MORNING NEWS SESSION—11 to 12 noon.
MIDDAY CONCERT SESSION.
Programme Director: Mr. Godfrey Hayes.
12.1 p.m.—Transmitted from Panatrote House, 252 Collins Street (by permission of Wills and Paton Ltd.) on the Brunswick Panatrote 1 p.m.—Close down.

MATINEE SESSION.

Dance Concert.
Sport: During the afternoon the results of the races at Geelong will be given as they come to hand.
2.30 p.m.—Studio Orchestra: "Three African Dances" (Rieg). "Turkish Patrol" (Michaels).
2.48 p.m.—AVERY DANONIAN, Waltz: "Somewhere" (Aho).
2.5 p.m.—Miss Ernest Pettifer, Saxophone "Yvonne" (Wiedloft).
3.5 p.m.—Studio Orchestra: "Cobweb Castle" (Lohmann).
2.29 p.m.—Mr. Fred Champion, Melbourne's laugh maker.
3.37 p.m.—Mrs. Daisionna, Vocal chorus: "Oh, if I only had you" (Friend).
2.55 p.m.—Miss Ethel Breeley, piano: "Wineyard" (Brahms-Keller).
4 p.m.—G.P.O. Clock say: "Fru." 4.1 p.m.—Second Victim forecast.
4.4 p.m.—Studio Orchestra, "Panatrote" on Bulgarian Melodie. (Wenker).
4.11 p.m.—Mr. Fred Champion in more fun.

- 4.10 p.m.—Arya Damselium, fox trot.
If you see Sally.
4.30 p.m.—Mr. Herbert Pattifer, Violin:
"Scherzino" (Maff).
4.34 p.m.—Studio Orchestra, Ballet Suite:
"Sylvia" (Bolshoi).
4.55 p.m.—Tonight's Entertainment.
5 p.m.—G.P.O. Clock says "Five." Close down.

CHILDREN'S SESSION.

- 5.50 p.m.—The "Farmyard Five" transmitted from Kookaburra Gully, the EARL (country) station: Jimmy Jackson and his Pal.

EVENING SESSION.

NORTHCOTE BAND CONCERT.

- 7.30 p.m.—Football prospects by a South Melbourne Footballer.
7.40 p.m.—Mr. R. F. Gardner:
"Stamp collecting for young and old."
7.50 p.m.—Market reports, Notices.
8 p.m.—G.P.O. Clock says "Eight."
8.1 p.m.—Grand Concert by the Summer Entertainment to the Northcote Citizens and Soldiers Band. Transmitted from the Northcote Town Hall. The following Artists will give the programme, to be followed at about 10.15 p.m. by a dance to the music of the Northcote Citizens and Soldiers Band.
Mr. Fred Thomas, baritone.
Harry Cecil Wright, aerobist.
Mr. Harry Davison, violin.
Prince, comedy soloist.
Miss May White, balladist.
Miss Irene Tibbler, popular songs.
Mr. Lex Hudson, comedian.
Mr. Alf Dorry, tenor.
Miss Alice Harrison, soprano.
Mr. Lou Mathews, Hawaiian instrumentalist.
Mr. Norman James, ventriloquist.
Mr. Mico Green, Italian impersonator.
10.15 p.m.—"Age" news bulletin.
10.18 p.m.—Dance hour. Music by the Northcote Citizens and Soldiers Band.
10.55 p.m.—Tomorrow's Entertainment.
11 p.m.—G.P.O. Says "Eleven."
"God Save the King."

4QG, BRISBANE.

Wednesday.

EARLY MORNING SESSION.

- 5.30 a.m.—Physical culture session.
7 a.m.—Close down.

MIDDAY SESSION.

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

AFTERNOON SESSION.

- FROM HOTEL CARLTON:
3.30 p.m.—Afternoon tea music from the lounge played by Hotel Carlton Stringband Orchestra.
FROM THE STUDIO:
4.15 p.m.—A hours talk by Dorothea Webster; "The Telegraph" news.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

- 5 p.m.—"Daily Standard" news; announcements.
6.15 p.m.—"Celotex and Wealth from Waste"—by Mr. Taylor, for the Queensland Preference League.
6.30 p.m.—The children's hour: Stories by "Little Miss Brisbane."
7 p.m.—Market reports; stock reports.
7.30 p.m.—Weather news; announcements.
7.45 p.m.—Standard time signal.
7.55 p.m.—Lecturette supplied by the Queensland Agricultural High School and College.

Have you figured out the Cash Discount at David Jones' Sale?

This is what "less 2/- in the £" means:—

"D.J. Super-Six" with one dial control.
Usually £45. Now less cash discount, **£40/10/-**

"King 5-Valve" of remarkable selectivity.
Usually £35. Now less cash discount, **£33/10/-**

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Usually £40. Now less cash discount, **£36/-/-**

"D.J. Standard-4" with two dial control.
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These Crosley sets and speakers are the latest product of Powell Crosley, Jr., the greatest of Radio set producers.

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5-50 £21/10/-, 6-60 £25/10/-,

6-85 £36/10/-

Crosley Cones .. 63/-, 95/-

Fitted with de Forest AUDIONS

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DL5, DL7.

6-60—DL4, DL4, DL15,
DL5, DL5, DL7.

6-85—DL4, DL4, DL15,
DL5, DL5, DL7.

INTERNATIONAL RADIO CO. LTD.

200 Castlereagh Street, SYDNEY

WE WANT AGENTS EVERYWHERE.

NIGHT SESSION.

RADIO NOVELTY—"AN EVENING OFF"

To-night's programme will be in the form of a special radio novelty. Publication of the details would result in its value as a novelty being destroyed. To fully appreciate the programme listeners should be sure to tune in shortly before eight o'clock, and listen carefully for the opening portion of the programme. Those who miss the opening portion will be quite unable to appreciate the transmission.

8 p.m.—A novelty programme: "An Evening Off."

10 p.m.—"The Daily Mail" news, weather news.

Close down.

5CL, ADELAIDE.

Wednesday.

MORNING SESSION.

12 noon.—Chimes.

12.1 p.m.—Studio music.

12.15 p.m.—"Advertiser" news service and market reports.

12.45 p.m.—Studio music.

1 p.m.—"Advertiser" news service.

1.15 p.m.—Studio music.

2 p.m.—Chimes, Stock Exchange Intelligence.

Official weather Bulletin. Close down.

AFTERNOON SESSION.

3 p.m.—G.P.O. chimes.

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

3.40 p.m.—Studio music.

4 p.m.—Chimes.

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

4.55 p.m.—Station announcements.

5 p.m.—G.P.O. chimes and close down.

EVENING SESSION.

6 p.m.—G.P.O. chimes.

6.1 p.m.—Covent Garden District Music.

6.45 p.m.—Children's Entertainment.

7.30 p.m.—Market reports, Stock Exchange Intelligence, Retail Growers' report, Automobile Association Bulletin.

7.40 p.m.—Boy Scouts' Centre.

7.50 p.m.—Faulding's Scientific talk.

8 p.m.—G.P.O. chimes.

8.1 p.m.—Relay from Way Hall. A programme of Band music by the McGill Silver Band, baton of Mr. Lovell.

Vocalists:

Doris McIntosh, dramatic soprano.

Vincent McMurphy, tenor.

Malcolm Jones, baritone.

William Sanger, The droll comedian.

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

9.8 p.m.—Relay from Way Hall.

10 p.m.—"Advertiser" news service, Wireless Shipping.

10.15 p.m.—Relay from Way Hall.

10.50 p.m.—Weather Bulletin.

11 p.m.—Station announcements, Chimes, National Anthem.

7ZL, HOBART

Wednesday.

MORNING SESSION.

11 a.m.—Chimes and tune in.

11.1 a.m.—Tune in selection.

11.3 a.m.—Tasmanian stations 9 a.m. weather report.

11.10 a.m.—British official wireless news.

11.35 a.m.—"Mercury" news service.

11.55 a.m.—Shipping information: Ships within wireless range.

Sporting anticipations.

11.40 a.m.—Mail notices.

Commercial news.

Foreign exchange market.

Housewives' guide.

11.50 a.m.—Musical selections.

12 noon.—G.P.O. Clock Chimes.

Close down.

AFTERNOON SESSION.

- 2 p.m.—G.P.O. Clock Chime.
 2.1 p.m.—Musical items from the Studio.
 4 p.m.—Readings from "Illustrated Tasmanian Mail."
 4.10 p.m.—Musical items from the Studio.
 4.25 p.m.—Robert Stock Exchange quotations.
 4.30 p.m.—Close down.

EARLY EVENING SESSION.

- 6.30 p.m.—"Big Ben" chat to his Pal.
 7 p.m.—Story from "Illustrated Tasmanian Mail"; Hithilab Greeting.

NIGHT SESSION.

- 7.30 p.m.—Musical selection.
 7.45 p.m.—Talk by Mr. P. H. Thomas, Fruit Export: "Hints on Pruning."
 7.50 p.m.—"Mercury" special Tasmanian news service.
 8.15 p.m.—Railway auction produce sales.
 8.30 p.m.—Robert Stock Exchange quotations.
 8.45 p.m.—Weather information.
 9 p.m.—Sporting results.
 9.15 p.m.—Aunties and stock market reports through the courtesy of Roberts and Co., Ltd., Hobart.
 9 p.m.—G.P.O. Clock Chime.
 8.45 p.m.—Selection by J. Z. Orchestra.
 9.30 p.m.—British official wireless news.
 9.55 p.m.—"Mercury" special interstate news service.
 10 p.m.—Tasmanian District Weather reports.
 9.55 p.m.—Weather reports.
 Station announcements.
 10 p.m.—Close down.

Thursday, July 14 2FC, SYDNEY.

EARLY MORNING SESSION.

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

- 8 a.m.—"Big Ben." Close down.
MORNING SESSION.
 10 a.m.—"Big Ben" and announcements.
 10.5 a.m.—Studio music.
 10.10 a.m.—"Sydney Morning Herald" news service.
 10.30 a.m.—Studio music.
 10.35 a.m.—A talk by the 2FC Racing Commentator.
 10.45 a.m.—Studio music.
 11 a.m.—"Big Ben."
 Marching music for school children.
 11.5 a.m.—A.P.A. and Rentar's Cable Service.
 11.18 a.m.—Studio music.
 11.33 a.m.—A Reading.
 11.39 a.m.—Close down.

MIDDAY SESSION.

- 12 noon.—"Big Ben" and announcements.
 12.2 p.m.—Stock Exchange, first call.
 12.5 p.m.—Official weather forecast, rainfall, temperatures.
 12.5 p.m.—Studio music.
 12.10 p.m.—Summary of "Sydney Morning Herald" news service.
 Hushy wireless news.
 12.25 p.m.—Studio music.
 12.30 p.m.—Marching music for school children.
 12.40 p.m.—MAISEMORE MORRIS, mezzo-contralto:
 "Bird's Song at Eventide" (Costes).
 12.44 p.m.—Studio music.
 1 p.m.—"Big Ben" Weather intelligence.
 1.2 p.m.—"Evening News" midday news service.
 Producers' Distributing Society's Report.
 1.20 p.m.—Studio music.
 1.29 p.m.—Stock Exchange, second call.

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Announcing the New

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

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

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£11/10/-

MODEL BX,
for sets with
8 Valves,
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£16/15/-

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For the Solodyne

1.30 p.m.—Marching music for school children.
1.40 p.m.—MAISEMORE MORRIS, mezzo-soprano: "Love's Old Sweet Song" (Molloy).
1.44 p.m.—Studio music.
1.53 p.m.—Last minute racing information by the 2FC Racing Commentator.
2 p.m.—Close down.

AFTERNOON SESSION.

3 p.m.—"Big Ben" and announcements.
3.5 p.m.—THE LYCEUM THEATRE ORCHESTRA.
3.55 p.m.—ANNIE PAYNE, mezzo: "Japanese Love Song" (Thomas).
2.30 p.m.—Marching music for school children.
3.40 p.m.—KATHLEEN HORNE, soprano: "A Little Love Nest" (Lahr).
3.44 p.m.—THE LYCEUM THEATRE ORCHESTRA.
4 p.m.—JEANETTE ROONEY, contralto: "Charming Chios" (Gernau).
4.4 p.m.—THE LYCEUM THEATRE ORCHESTRA.
4.14 p.m.—ANNIE PAYNE, mezzo: "Is it the shrewd October Wind" (Meadwell) (Polk song).
4.18 p.m.—Studio music.
4.20 p.m.—KATHLEEN HORNE, soprano: "Believe me if all" (Moore).
4.24 p.m.—Studio music.
KATHERINE BEVERLEY, soprano: "To a Miniature" (Beebe).
4.28 p.m.—THE LYCEUM THEATRE ORCHESTRA.
4.40 p.m.—JEANETTE ROONEY, contralto: "Of the North I Sing" (Oliver).
4.44 p.m.—Stock Exchange, third call.
4.46 p.m.—Studio music.
4.50 p.m.—KATHERINE BEVERLEY, soprano:
(a) "Little Dove."
(b) "I Sometimes Wonder" (Woodford-Finden).
4.55 p.m.—Studio music.
6 p.m.—"Big Ben." Close down.

EARLY EVENING SESSION.

5.45 p.m.—The Chimes of 2FC.
5.50 p.m.—The "Hello Man" talks to the children.
6.50 p.m.—Story time for the young folk.
6.50 p.m.—Dinner music.
7 p.m.—Late sporting news.
7.10 p.m.—Dalgety's market reports (wool, wheat and stock).
7.18 p.m.—Fruit and vegetable markets.
7.20 p.m.—Shipping and weather intelligence.
7.25 p.m.—"Evening News" news service.

NIGHT SESSION.

7.40 p.m.—Programme announcements.
7.45 p.m.—A talk by the Technical Editor of "Wireless Weekly."
8 p.m.—"Big Ben."
THE N.S.W. TRAMWAY BAND (from the Studio):
(a) Medley March, "Famous Fragments of Rimsky's Marches" (arr. Hawkins).
(b) Concert Overture, "Don Quixote" (Round).
8.15 p.m.—STANLEY CLARESON, baritone: "Hear me, ye winds and waves" (Händel).
8.21 p.m.—THE N.S.W. TRAMWAY BAND: Waltz, "Senta" (arr. Home).
8.31 p.m.—W. F. KAY in his final talk: Subject, "Great Actors Compared."
8.40 p.m.—THE N.S.W. TRAMWAY BAND: Selection, "Gems of Operatic Medley" (Round).
8.58 p.m.—FROM PALING'S CONCERT HALL:
A Recital by the Sydney Madrigal Society, conducted by Mr. ARNOLD SMYTH.
9.25 p.m.—THE N.S.W. TRAMWAY BAND: Fox Trot, "Bird's-eye View" (Donaldson).
9.32 p.m.—THE N.S.W. TRAMWAY BAND: "La Belle Française" (Home).
9.50 p.m.—HELEN PEARLESS, soprano: "Beauty Sleep" (L'Ardis).
9.48 p.m.—HENK VREEDE, clarionette solo: "Introduction to Fantasia" (Brossant).

- 9.44 p.m.—STANLEY CLARKSON, harpist:
(a) "Ombra Mai Fu" (Händel).
(b) "The Blind Piousman" (Clarks).
9.56 p.m.—CHARLES BENSON, comedian:
(a) "You Never Know" (Holt).
(b) "Where does Daddy go to?" (Gadshel).
9.59 p.m.—THE N.E.W. THAMWAY BAND
March "La Bona La Victoria" (Cannon).
10.3 p.m.—ELBIE FEEBLESS, soprano:
(a) "All a merry Maytime" (Rusali).
(b) "Sometimes in my Dreams" (Händel-
sch).
10.9 p.m.—BENK VREEDÉ, classical solo:
"Thous and a Thousand" (Händel) (Brogard).
10.15 p.m.—STANLEY CLARKSON, harpist:
"A Warwickshire Woeing" (James).
10.18 p.m.—ELBIE FEEBLESS, soprano:
"Over the Meadows" (Cannon).
10.22 p.m.—BENK VREEDÉ, classical solo:
"Avalanche from Carriest" (Bussacq).
10.30 p.m.—DANCE SESSION, conducted by
LEN MAURICE.
Popular dance items will be heard until
11.15 p.m.
10.57 p.m.—Late news and announcements.
11 p.m.—"Big Ben" and Dance Music.
11.15 p.m.—National Anthem.
Close down.

2BL, SYDNEY

Thursday

- EARLY MORNING SESSION.
7.0 a.m.—G.P.O. Clock and Chimes; Metro-
politan Weather Forecast.
7.3 a.m.—State Weather Report.
7.4 a.m.—News Service.
7.15 a.m.—G.P.O. Clock and Chimes; Fruit
Market Report.
7.25 a.m.—Vegetable Market Report.
7.30 a.m.—A.M.L. and F. Co's Report.
7.34 a.m.—Dairy Farm Produce Market Re-
port.
7.40 a.m.—Fruit Market Report.
7.50 a.m.—G.P.O. Clock and Chimes; Musical
Programme from the Studio.
7.57 p.m.—News Service.
8.45 a.m.—Hears 'n' Call by Wireless.
8.45 a.m.—G.P.O. Clock and Chimes; Mail
Information; Shipping Arrivals and De-
partures, and Post Directory.
8.50 a.m.—News Service.
8.59 a.m.—G.P.O. Clock and Chimes; Close
Down.

MORNING SESSION.

- 10.30 a.m.—G.P.O. Clock and Chimes; Musical
Programme from the Studio.
10.40 a.m.—News from the "Daily Telegraph."
10.50 a.m.—Musical Programme from the
Studio.
11.0 a.m.—G.P.O. Clock and Chimes; An-
nouncements.
11.5 a.m.—Musical Programme from the
Studio.
11.12 a.m.—Special Notes; Replies to Corre-
spondents by Mrs. Jordan; Talk on "Making
the Kitchen Attractive," by Mrs. Jordan.
12 noon—G.P.O. Clock and Chimes; Special
Ocean Forecast and Weather Report.
12.3 p.m.—Musical Programme from the
Studio.
12.15 p.m.—Information; Mail, Shipping and
Post Directory.
12.15 p.m.—Hears 'n' Call by Wireless.
12.26 p.m.—Fruit Market Report.
12.32 p.m.—Vegetable Market Report.
12.36 p.m.—Dairy Farm Produce Market Re-
port.
12.50 p.m.—G.P.O. Clock and Chimes; Produce
Market Report.
12.55 p.m.—Fruit Market Report.
12.54 p.m.—Fruit Market Report.
12.58 p.m.—News from the "Sun."
12.45 p.m.—Hilliers Instrumental Quartette;
Direction, Cary Castling.
1.50 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 Broadcasts immediately
after each Race by courtesy of the "Sun."
3.0 p.m.—G.P.O. Clock and Chimes; News
from the "Sun."

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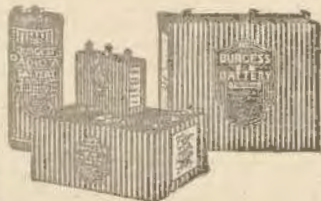
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9-2

N.S. 32

3.15 p.m.—Musical Programme from the Studio.
3.20 p.m.—G.P.O. Clock and Chimes; News from the "Sun."
3.40 p.m.—Musical Programme from the Studio.
3.50 p.m.—News from the "Sun."
4.0 p.m.—G.P.O. Clock and Chimes; Musical Programme from the Studio.
4.15 p.m.—Serial Story.
4.35 p.m.—Musical Programme from the Studio.
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; Uncle George and the Kiddies.
6.0 p.m.—The Pupils of Miss Scully.
6.30 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 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"; Weekly Traffic Bulletin.
7.30 p.m.—Talk on "The History of St. Mary's Cathedral" by Mr. Marjham, B.E.
7.40 p.m.—G.P.O. Clock and Chimes; Broadcasters' Topical Chorus.
8.0 p.m.—The Marrickville Salvation Army (Bandmaster, Mr. N. H. Knight).
8.23 p.m.—Miss Beryl Scott (Songs at the Piano).
8.30 p.m.—Mr. Sydney Hollister (Comedian).
8.35 p.m.—George Hamilton (Novelty Jazz Flaxist).
8.41 p.m.—Mr. Ronnie Reade (The Radio Jester).
8.50 p.m.—Mr. David Smith (Baritone).
8.55 p.m.—Weather Report and Forecast by courtesy of Mr. C. J. Marco, Government Meteorologist.
9.0 p.m.—G.P.O. Clock and Chimes; Resume of Following Day's Programme.
9.4 p.m.—Dorothy Manning and Harry Graham in Song and Story.
9.30 p.m.—The Marrickville Salvation Army Band.
9.35 p.m.—Miss Beryl Scott.
9.45 p.m.—Mr. Sydney Hollister.
9.55 p.m.—George Hamilton.
10.3 p.m.—G.P.O. Clock and Chimes.
10.1 p.m.—Mr. Ronnie Reade.
10.3 p.m.—Mr. David Smith.
10.15 p.m.—Doc Morrison and His Gloom-chasers Broadcast from the Ballrooms of the Bondi Casino. During intervals between Dances, "Sun" News will be broadcast.
11.0 p.m.—G.P.O. Clock and Chimes; National Anthem.

3LO, MELBOURNE.

Thursday

MIDDAY SESSION.

Announcer MAURICE DUDLEY
12 noon.—Time Signal; Metal Prices received by the Australian Mines and Metals Association from the London Stock Exchange this day; British Official Wireless News from Rugby; Reuter's and the Australian Press Association Cables; "Argus" News Service.
12.15 p.m.—Under the auspices of the Concert-goers and Community Singers' Association: COMMUNITY SINGING. Transmitted from the ASSEMBLY HALL, Collich Street.
1.45 p.m.—Meteorological Information; Shipping Intelligence; Weather Synopsis for Victoria, Tasmania, South Australia, and New South Wales; Ocean Forecast; River Reports.
2.0 p.m.—Results of Waterloo Cup, Geelong and District Annual Winter Carnival; Transmitted from Geelong.
2.10 p.m.—Close Down.

AFTERNOON SESSION.

- Announcer..... MAURICE DUDLEY
Accompanist..... AGNES FORTUNE
8.0 p.m.—STUDIO ORCHESTRA:
"Lakeland" (Goldmark).
8.10 p.m.—MADAME LAMBERT, Soprano:
"Les Dragons Villers" (Maillet);
"Aix des Bains"—Pauze (Gounod).
8.17 p.m.—STUDIO ORCHESTRA:
"Romance" (Tschakowsky).
8.23 p.m.—RAYMOND LAMBERT, Piano:
"Lake Joyce" (Debussy);
"Nocturne" (Faure).
8.30 p.m.—FRANK AND FRANCES LUIZ:
"Hawking Dipt";
Song, "Fadelle Joke";
Steel Guitar, "Hawaiian Love";
Duet, "Aloha, Baby Boy".
8.41 p.m.—STUDIO ORCHESTRA:
"By the Lake of Geneva"—Part I.
8.48 p.m.—MADAME LAMBERT, Soprano:
"The Waterfall Love";
"One Fine Day".
8.55 p.m.—YASNA TIERNAN, Cello:
"Bourne" (Handel).
9.1 p.m.—ISABEL RIDDEL, Contralto:
"Amour Vieux Rites"—Samson and Dalila
(H. Sarda);
"Elegie" (Massenet).
9.18 p.m.—MISS FRANCES CRUP:
"Kipling Again".
9.30 p.m.—Results of Waterloo Cup, Geelong
and District Winter Carnival. Transmitted
from Geelong.
9.36 p.m.—"Herald" News Review: Stock Ex-
change Information.
9.43 p.m.—EVENSONG, transmitted from St.
Paul's Cathedral.
9.50 p.m.—Acceptances for V.A.T.C. Caulfield
Races, Saturday, 15th July,
Clare Town.

EVENING SESSION.

THE STUDIO ORCHESTRA.

- 8.31 p.m.—Answers to Letters and Birthday
Greetings: Royal Automobile Club of Victoria
Safety Message.
"Reckless youth makes rosy age. Play
safe".
8.50 p.m.—STUDIO ORCHESTRA:
"Parade of the Tin Soldiers".
9.07 p.m.—MARY GUMLEAF:
Story for the Little Ones:
"Baby's Adventure".
9.15 p.m.—FRANK AND FRANCES LUIZ:
Song, "Tell Me, Little Gipsy";
Steel Guitar, "Kallina Waltz";
Duet, "My Little Girl".
9.18 p.m.—MARY GUMLEAF:
Story for Girls:
"A Talk About Profits".
9.30 p.m.—Official Report of Newmarket Stock
Sales by Live Stock Agents' Association,
Oxford Chambers, Bourke Street, Melbourne:
"Cow Sales".
9.35 p.m.—"Herald" News Review: Weather
Synopsis; Shipping Movements.
9.47 p.m.—Stock Exchange Information.
9.52 p.m.—Fish Market, Resorts by J. K. Bor-
rett, Ltd.; Rabbit Prices.
9.55 p.m.—River Reports.
9.58 p.m.—Market Reports by the Victorian
Producers' Co-operative Co. Ltd.: Jute,
Bacon, Potatoes, Potatoes, Onions, Newmarket
Sheep Sales, Poultry, Grain, Hay and
Straw.
10 p.m.—Market Reports of Fruit by the
Victorian Fruit-growers' Association, compiled
by "The Fruit World," exclusive to 3LO.

NIGHT SESSION.

- 7.15 p.m.—MR. LANCE BROMFIELD:
"Melbourne Goods Yard".
7.30 p.m.—MR. P. A. NEWMAN:
"The Binky"—July's Lucky Show.
7.45 p.m.—JAMES HUGHES, who plays the
part of Sergeant Malone in "Rose Marie,"
at His Majesty's Theatre, will speak from
his dressing-room, by permission of J. C.
Williamson.
8 p.m.—MR. ROD MCGREGOR, Football:
"Team Work".
8.15 p.m.—JOB ARNOLDSON AND HIS SYN-
COATING SYMPHONISTS:
"My Carmelita" (Durosoy);
"Out of the Duck to You" (Dorothy Lee);
"That Night in Araby" (Bryder).



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- 8.25 p.m.—FRANK AND FRANCIS LUIZ:
Duet, "Alma O."
- 8.29 p.m.—JOE ARONSON AND HIS SYM-
COPATING SYMPHONISTS:
"It Made You Happy" (Donaldson),
"White We Danced Till Dawn" (Schuster),
"Gimme a Little Kiss, Will Ya, Huh?"
(Tuck).
- 8.38 p.m.—THE PREMIER FOUR:
"Midnight Waltz."
- 8.43 p.m.—JOE ARONSON AND HIS SYM-
COPATING SYMPHONISTS:
"Any One Today, Lady?" (Belard),
"Because I Love You" (Berlin),
"For My Sweetheart."
- 8.53 p.m.—Announcements.
- 8.57 p.m.—JOE ARONSON AND HIS SYM-
COPATING SYMPHONISTS:
"Your Heart Looked into Mine" (Hobbs),
"I'm Tellin' the Birds, Tellin' the Bess"
(Brown),
"Oh, if I Only Had You" (Friedl).
- 9.7 p.m.—JESSIE SMITH, vocalists:
"Daffodil Gold."
- 9.11 p.m.—JOE ARONSON AND HIS SYM-
COPATING SYMPHONISTS:
"Kentucky Lullaby" (Miller),
"He's the Last Word" (Kahn),
"Song of the Wanderer" (Meyer).
- 9.21 p.m.—MARION LIGHTFOOT, Soprano:
"Come to You."
- 9.23 p.m.—JOE ARONSON AND HIS SYM-
COPATING SYMPHONISTS:
"I Didn't Know" (Swift),
"A Message from Missus" (Chester),
"Spring Fever" (Hanan Solo).
- 9.25 p.m.—THE ROYAL AUTOMOBILE
CLUB OF VICTORIA'S Safety Message for
To-day is for CHILDREN:
"Reckless youth makes cruel age. Play
Safely."
- 9.36 p.m.—MARION LIGHTFOOT, Soprano:
"April Morn."
- 9.40 p.m.—JOE ARONSON AND HIS SYM-
COPATING SYMPHONISTS:
"Sam, the Old Acordion Man" (Kahn),
"Meadow Lark" (Florio),
"Talking to the Moon" (Bakelite).
- 9.50 p.m.—FRANK AND FRANCES LUIZ:
"Hain Bines."
- 9.54 p.m.—JOE ARONSON AND HIS SYM-
COPATING SYMPHONISTS:
"I've Been Wasting My Dreams Over You"
(O'Hagan),
"Take in the Sun Hang Out the Moon"
(Woods),
"Ain't She Sweet?" (Yellen).
- 10.1 p.m.—"Argus" news service. Meteorological
Information. Sporing notes by
"Gymna." British Official Wireless news
from Bagby.
- 10.20 p.m.—JOE ARONSON AND HIS SYM-
COPATING SYMPHONISTS:
"Falling in Love with You" (Meyer),
"Buckle Your Bines Away" (Meyer),
"Do the Black Belton with Me" (Meyer).
- 10.30 p.m.—THE PREMIER FOUR:
"Magnolia Bloom."
- 10.34 p.m.—JOE ARONSON AND HIS SYMCO-
PATING SYMPHONISTS:
"Cover Me Up with Sunshine" (Dixon),
"I'm Looking Over a Four-Leaf Clover"
(Dixon),
"The More We are Together" (Campbell),
"Just You" (Hampson).
- 10.44 p.m.—JESSIE SMITH:
(Absent).
- 10.48 p.m.—JOE ARONSON AND HIS SYM-
COPATING SYMPHONISTS:
"Somewhere Somebody is Waiting for You"
(Aunt),
"All I Want is You" (Clare).
- 11 p.m.—OUR GREAT THOUGHT:
"Depend upon it, my young brethren, the
bright, self-sacrificing enthusiasts of early
manhood are among the most precious
things in the whole course of human life."
—H. P. Liddon.
- 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 p.m.—Market reports, weather information, "The Daily Mail" and "The Daily Standard" news.
- 1.30 p.m.—FROM THE CONSTITUTIONAL CLUB: A lunch hour address.
- 1.58 p.m.—FROM THE OBSERVATORY: Standard time signal.
- 2 p.m.—Close down.

AFTERNOON SESSION.

- A PROGRAMME OF MUSIC BY THE STUDIO ORCHESTRA.
- 3.30 p.m.—Overture "Imperial" (Eaton); cello, "Voice of Spring" (Bernard); Barcarolle, "Veronica" (Weidt); soprano solo, "The Children's Home" (Weatherley), Mrs. L. Hunter; air de ballet, "La Turpille" (Loney).
- 4 p.m.—Cookery talk by "Betty Simpson"; reverie, "Blossoms" (Butler); one-act play, "Captain Betty" (Butler); soprano solo, "My Land of Dreams" (Wilkie), Mrs. L. Hunter; caprice, "Dance of the Honeybees" (Mantia); march, "Assembly" (Ene).
- 4.20 p.m.—"The Telegraph" news.
- 4.30 p.m.—Close down.

EARLY EVENING SESSION.

- 6 p.m.—"Daily Standard" news; announcements.
- 6.30 p.m.—"The Children's Session: Stories by 'The Sandman'."
- 7 p.m.—Market reports; stock reports.
- 7.30 p.m.—Weather news; announcements.
- 1.45 p.m.—Standard time signal.
- 7.45 p.m.—Lecturette, "Our Meat Supply Inspection"—Mr. H. G. Chapman (Senior Inspector of Slaughtering).

NIGHT SESSION.

MR. A. SHARMAN'S PARTY.

- Tonight's programme has been arranged and organised by Mr. Arthur Sharmam, L.A.B.
- 8 p.m.—Pianoforte solo, "First Movement Waldstein Sonata" (Beethoven); Miss Beryl Prater; mezzo-soprano, "Un Peu D'Amour" (Silva); Miss Naomi Bentley; violin and pianoforte, "Concettino" (Strabe)—(Alloro, Andante, Cantabile, Allegro-Glucoso); Mr. Eric Haynes and Mr. Arthur Sharmam; recitatory, "The Serial Story" (Aron), Miss Jean Trundle; soprano solo—group of Russian songs—(a) "The Soldier's Bride" (Rachmaninoff), (b) "My Native Land" (Gretschakoff), (c) "The Wonderful Birch" (Gretschakoff), (d) "By the Window" (Tchaikowsky); Miss Ivy Phang; pianoforte solo—group of classical numbers—(a) "Three Waltzes"—Nos. 1, 2, and 15 (Brahms), (b) "Ecosensies" (Beethoven-Dusani), (c) "Capriccio B-Hminor" (Brahms), (d) "Bokemian Dance" (Solfani), Mr. Arthur Sharmam; baritone solo, "King Charles" (Wals), Mr. Bryth Evans.
- 9 p.m.—Metropolitan weather forecast; violin solo—(a) "Chant Indien" (Rimsky-Korsakov-Kovalev), (b) "Song of the Desert" (Gerald Walens), Mr. Eric Haynes; pianoforte solo—(a) "Country Gardens" (Gralms), (b) "Nocturne in A-Flat" (Chopin); Miss Beryl Prater; recitatory, "An Old Soldier's Reminiscences" (Aron), Miss Jean Trundle; mezzo solo, "The Fairy Piper" (Brewer), Miss Naomi Bentley; pianoforte solo—Chopin group—(a) "Vals A-Flat Major" (b) "Nocturne E-Flat," (c) "Etude G-Flat," Mr. Arthur Sharmam; baritone solo, "D to be a Dummy," Mr. Bryth Evans; soprano solo—(a) "The Star" (Rever), (b) "The Bitterness of Love" (Don), (c) "The Wind in the Corn" (Coningsby-Clarke), Miss Ivy Phang.
- FROM THE STUDIO:
- 10.15 p.m.—Lecturette: "The Bastille and its Martyrs," the Comte de Tournoeur.
- 10.45 p.m.—"The Daily Mail" news; weather news.
- Close down.

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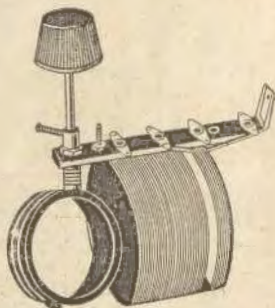
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5CL, ADELAIDE.

Thursday.

MORNING SESSION.

12 noon.—Chimes.
12.1 p.m.—Studio music.
12.15 p.m.—"Advertiser" news service and mail reports.
12.45 p.m.—Studio music.
1 p.m.—"Advertiser" news service.
1.15 p.m.—Studio music.
2 p.m.—Chimes; Stock Exchange Intelligence; Official Weather Bulletin.
Close down.

AFTERNOON SESSION.

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

EVENING SESSION.

8 p.m.—G.P.O. chimes.
8.1 p.m.—Dinner music relayed from Covent Garden.
8.45 p.m.—Children's entertainment.
9.30 p.m.—Market reports. Stock Exchange Intelligence. Royal Green's reports. Automobile Association Bulletin.
9.45 p.m.—Mr. Whittenbury will speak about "Poetry".
8 p.m.—G.P.O. chimes.
8.1 p.m.—Under the Auspices of the S. A. Caledonian Society, a programme of Scottish Airs by the Highland Pipes Band, assisted by the Studio Orchestra and: Mrs. Fraser, cornetist, Mrs. Keith Stewart, soprano, Jean Sinclair, contralto, Cyril Bradley, bass.
9.1 p.m.—Official Weather Bulletin, Dilley's wheat report.
9.3 p.m.—Scottish Night continued.
10 p.m.—"Advertiser" news service. Wireless shipping.
10.15 p.m.—Scottish night continued.
11 p.m.—Station announcements. Chimes. National Anthem.

Friday, July 15 2FC, SYDNEY.

EARLY MORNING SESSION.

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

MORNING SESSION

10 a.m.—"Big Ben" and announcements.
10.5 a.m.—Studio music.
10.55 a.m.—"Sydney Morning Herald" news service.
10.30 a.m.—Studio music.
10.35 a.m.—A Reading.
10.45 a.m.—Studio music.
11 a.m.—"Big Ben."
Marching music for school children.
11.5 a.m.—A.P.A. and Router's Cable Services.
11.10 a.m.—Studio music.
11.15 a.m.—A talk on Home Cooking and Recipes by Miss Ruth Purst.
11.30 a.m.—Close 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.
 12.5 p.m.—Studio music.
 12.10 p.m.—Summary of "Sydney Morning Herald" news service.
 12.15 p.m.—Rugby wireless news.
 12.22 p.m.—Studio music.
 12.30 p.m.—Marching music for school children.
 12.40 p.m.—EILEEN JUDKINS, contralto.
 12.45 p.m.—Studio music.
 1 p.m.—"Big Ben." Weather intelligence.
 1.2 p.m.—"Evening News" midday news service.
 1.30 p.m.—Studio music.
 1.25 p.m.—Stock Exchange, second call.
 1.30 p.m.—Marching music for school children.
 1.40 p.m.—EILEEN JUDKINS, contralto.
 1.45 p.m.—Studio music.
 2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

- 3 p.m.—"Big Ben" and announcements.
 3.5 p.m.—A Recital arranged by Mrs. Stairs Bayle.
 3.50 p.m.—Marching music for school children.
 3.40 p.m.—FRANK BOTHAM, baritone:
 "Red Star of the Romance" (Sanderson).
 3.45 p.m.—Further items from the Recital arranged by Mrs. Stairs Bayle.
 4 p.m.—EILEEN MORREAU, soprano:
 "Little Snooty Coon" (Coxes).
 4.4 p.m.—Dulciana and Organ Recital by Mr. Ewart Chappie.
 4.20 p.m.—FRANK BOTHAM, baritone:
 "A Warwickshire Woiner" (James).
 4.25 p.m.—IRVINE DUNCAN, soprano:
 "Well-a-day" (Maret).
 4.25 p.m.—Studio music.
 4.40 p.m.—EILEEN MORREAU, soprano:
 "Still as the night" (Huhn).
 4.44 p.m.—Stock Exchange, third call.
 4.45 p.m.—Studio music.
 4.50 p.m.—IRVINE DUNCAN, soprano:
 "Dreams of the Dark" (d'Harnolts).
 4.54 p.m.—Studio music.
 5 p.m.—"Big Ben." Close down.

EARLY EVENING SESSION.

- 5.45 p.m.—The Chances of 2FC.
 5.50 p.m.—The "Hello Man" talks to the children.
 6.20 p.m.—A serial story for the young folk.
 6.40 p.m.—Dinner music.
 7 p.m.—"Big Ben." Late sporting news, wheat and stock.
 7.18 p.m.—Fruit and vegetable markets.
 7.20 p.m.—Shipping and weather intelligence.
 7.30 p.m.—Late "Evening News" service.

NIGHT SESSION.

- 7.45 p.m.—Programme announcements.
 7.58 p.m.—EDNA SINNOTTE, (soubrette):
 (a) "I never see Maggie alone" (Lynton).
 (b) "Red Red Robin" (Wood).
 8 p.m.—THE TIVOLI THEATRE ORCHESTRA.
 8.15 p.m.—HAROLD TOLLEMACHE, baritone:
 "King Adamastor" from "L'Africain" (Meyerbeer).
 8.19 p.m.—CLYDE THORPE, violin, solos:
 (a) "Chant Hindou" (Rensky-Korakoff-Kriemler).
 (b) "Sohn Rosmarin" (Kriemler).
 8.24 p.m.—MABEL BATHCHELOR, soprano:
 "Piper Jane" (Carew).
 8.27 p.m.—Lance Kennedy, Flute solo.
 8.32 p.m.—Edna Sinnotte, Soubrette.
 8.37 p.m.—Irisol Tolencache, Baritone:
 (a) "Remembrance" (London Record) to "A King's Man" (Hillman).
 8.41 p.m.—Clyde Thorne, Violin solo:
 "Sivande Dance" (No. 2, E. Minor) (Ivovoz-Kriemler).
 8.49 p.m.—Mabel Batchelor, Soprano:
 "Just for To-day" (Harding).
 "Of a the Alice" (Auld Scotch).



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- 8.55 p.m.—Lance Kennedy, Flute solo.
9 p.m.—"Big Ben."
An Act from the Tivoli Theatre.
9.19 p.m.—The English Futurists in a Radio Revue, "Old Numbers."
1. Opening Chorus by the Company.
2. A Sketchette: "The Critic's Nightmare."
The Characters in the Eternal Triangle.
The Wife Ira Vanda
The Lover Gus Dawson
The Husband Cyril Northcote
The Butler G. W. Desmond
3. Dismal Desmond will try and make you laugh at his troubles.
4. Ira Vanda in a few moments of happiness.
5. Dismal Desmond and Cyril Northcote have a little argument.
6. Finale by the Company:
"Bye, Bye, Binckird."
9.30 p.m.—Harrison White, Banjo solos:
(a) Classic, "Trummerie" (Schumann).
(b) Fox Trot, "Telling the Birds" (Friend)
9.38 p.m.—Mabel Batchelor, soprano:
"Absence" (Cowen).
9.42 p.m.—Civile Thorpe, Violin solos:
(a) "Oriental" (Cesar-Cli).
(b) "Tambourin" (Verneau-Kreiler).
9.47 p.m.—Harold Tolkenache, baritone:
"Life" (Blumenthal).
9.50 p.m.—Lance Kennedy, flute solo.
9.55 p.m.—Harrison White, banjo solo:
(a) "Selection of Scotch Airs" (White).
(b) "Two Little Bluebirds" (Kern).
10.5 p.m.—A Book Competition.
10.18 p.m.—THE ENGLISH FUTURISTS in a Radio Revue: "Broadcast Camoe."
1. Tune in to Mirth, Melody and Laughter.
2. Ira Vanda and Gus Dawson make love over the air.
3. Dismal Desmond as the Sailor's Sweetheart.
4. A Sketchette, "The Love Test."
The Unfaithful Wife Ira Vanda
The Lover Gus Dawson
The Husband Cyril Northcote
The Butler G. W. Desmond
5. "A Drop of Scotch as a Night Cap."
"Host Men."
10.59 p.m.—The Westworth Symphonic Dance Orchestra. Conductor, Mr. Frederick Leighton.
10.42 p.m.—Celebrity records.
10.57 p.m.—Late news and announcements.
11 p.m.—"Big Ben."
11.15 p.m.—Westworth Symphonic Dance Orchestra.
11.15 p.m.—National Anthem. Close down.

Saturday, July 16 2FC, SYDNEY

EARLY MORNING SESSION.

- 6 a.m.—"Big Ben" and announcements.
7 a.m.—Studio Music.
7.15 a.m.—COUNTRY SESSION. Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, coal services.
7.25 a.m.—Investment market, mining share market, metal quotations.
7.35 a.m.—Wool sales, breakfast markets, inter-State markets, Produce markets.
7.45 a.m.—"Sydney Morning Herald" news service.
8 a.m.—"Big Ben." Close down.

MORNING SESSION.

- 10 a.m.—"Big Ben" and announcements.
10.5 p.m.—Studio Music.
10.15 a.m.—"Sydney Morning Herald" news service.
10.39 a.m.—Studio music.
10.35 a.m.—A Talk by the 2FC Racing Commission.
10.45 a.m.—Studio music.
11 a.m.—"Big Ben." Studio Music.
11.5 a.m.—A.P.A. and Reuter's Cable Service.
11.50 a.m.—Studio music.
11.15 a.m.—A Talk on Gardening by Mr. G. J. Lockby ("Redgum").
11.30 a.m.—Close down.

MIDDAY AND AFTERNOON SESSIONS.

- 12 noon—"Big Ben" and announcements.
12.2 p.m.—Stock Exchange, first call.
12.3 p.m.—Studio Music.

- 12.20 p.m.—"Spiny Morning Herald" news and Husky Wireless.
 12.30 p.m.—Studio Music.
 1.15 p.m.—Results of the A.I.C. Meeting at Warwick Park will be given throughout the afternoon.
 1 p.m.—"Big Ben" Weather intelligence.
 1.15 p.m.—Evening News' midday news service.
 1.30 p.m.—Studio music.
 Musical items will be given from the South and The Wentworth Symphonic Dance Orchestra, conducted by Mr. Frederick Loughton, will be heard at intervals.
 1 p.m.—From the Sydney Sports Ground, description by Miss Weeks of the Third Test Match between the Australian Ladies' Hockey Team and The Women's Hockey Team of Amsterdam.
 4.30 p.m.—Complete resume of the day's sporting events.
 6 p.m.—"Big Ben" Close down.

EARLY EVENING SESSION.

- 6.45 p.m.—The Chimes of 2 P.C.
 6.50 p.m.—The "Hello Man" Talks to the Chimes.
 7.00 p.m.—Story time for the young folk.
 8.00 p.m.—Dinner music.
 9 p.m.—"Big Ben" Late sporting news.
 9.15 p.m.—Weather intelligence.
 9.15 p.m.—Evening News' late news service.
 9.38 p.m.—Studio music.

NIGHT SESSION.

- 9.45 p.m.—Programme announcements.
 9.50 p.m.—Studio Music.
 9.55 p.m.—From the Crystal Palace Theatre, George Street, Sydney: "Raymond" Overture by the Crystal Palace Theatre Orchestra, conducted by Mr. Harry Stone.
 10 p.m.—Lawrence Habbet and his Radio Revelers (from the Studio): Opening Chorus.
 10.10 p.m.—Harry Crook, baritone.
 10.14 p.m.—Dance Music.
 10.18 p.m.—Wally Haines and Lawrence Habbet in some patter.
 10.20 p.m.—Owladys Finister, soprano, in popular numbers.
 10.25 p.m.—Alexander Spoons, Mouth Organ Player.
 10.30 p.m.—Dance Music.
 10.35 p.m.—Charles Lawrence, Entertainer: "How to Write a Monologue" (Habbet).
 10.45 p.m.—Shirley Cooke, Soprano, in comedy numbers.
 10.50 p.m.—A Radio Burlesque.
 10.55 p.m.—Harry Crook, Baritone.
 11 p.m.—"Big Ben" Dance Music.
 11.05 p.m.—Wally Haines, Comedian.
 11.15 p.m.—Owladys Finister, soprano.
 11.18 p.m.—Alexander Spoons, Mouth Organ Player.
 11.19 p.m.—Dance Music.
 11.25 p.m.—Charles Lawrence, Entertainer: "Can't Please Everybody" (Talbot).
 11.30 p.m.—A Radio Comedy.
 11.35 p.m.—Dance Music.
 11.44 p.m.—Final Chorus by the "Revelers."
 11.46 p.m.—The Crystal Palace Theatre Orchestra, Conductor, Mr. Harry Stone.
 11.50 p.m.—Harry Crook, Baritone (from the Studio).
 11.54 p.m.—Alexander Spoons, Mouth Organ Player.
 11.55 p.m.—Shirley Cooke, soprano.
 11.58 p.m.—The Crystal Palace Theatre Orchestra.
 11.59 p.m.—Dance Music, under the direction of Lew Maurice, with vocal choruses at intervals until 12.30 p.m.
 12.07 p.m.—Announcements and late news.
 12 p.m.—"Big Ben" Dance Music.
 12.30 p.m.—National Anthem, Close down.

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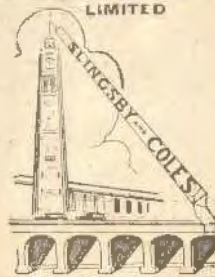
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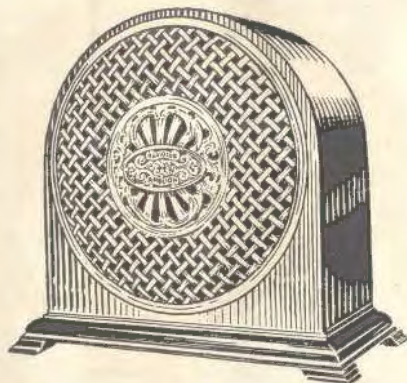
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