WIRELESS WEEKLY

MITCHELL LIB
15 JUN 1928
SYDNEY

Broadcast Programmes a Week in advance

VOLUME 12

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

NUMBER 7

Friday, June 8, 1928

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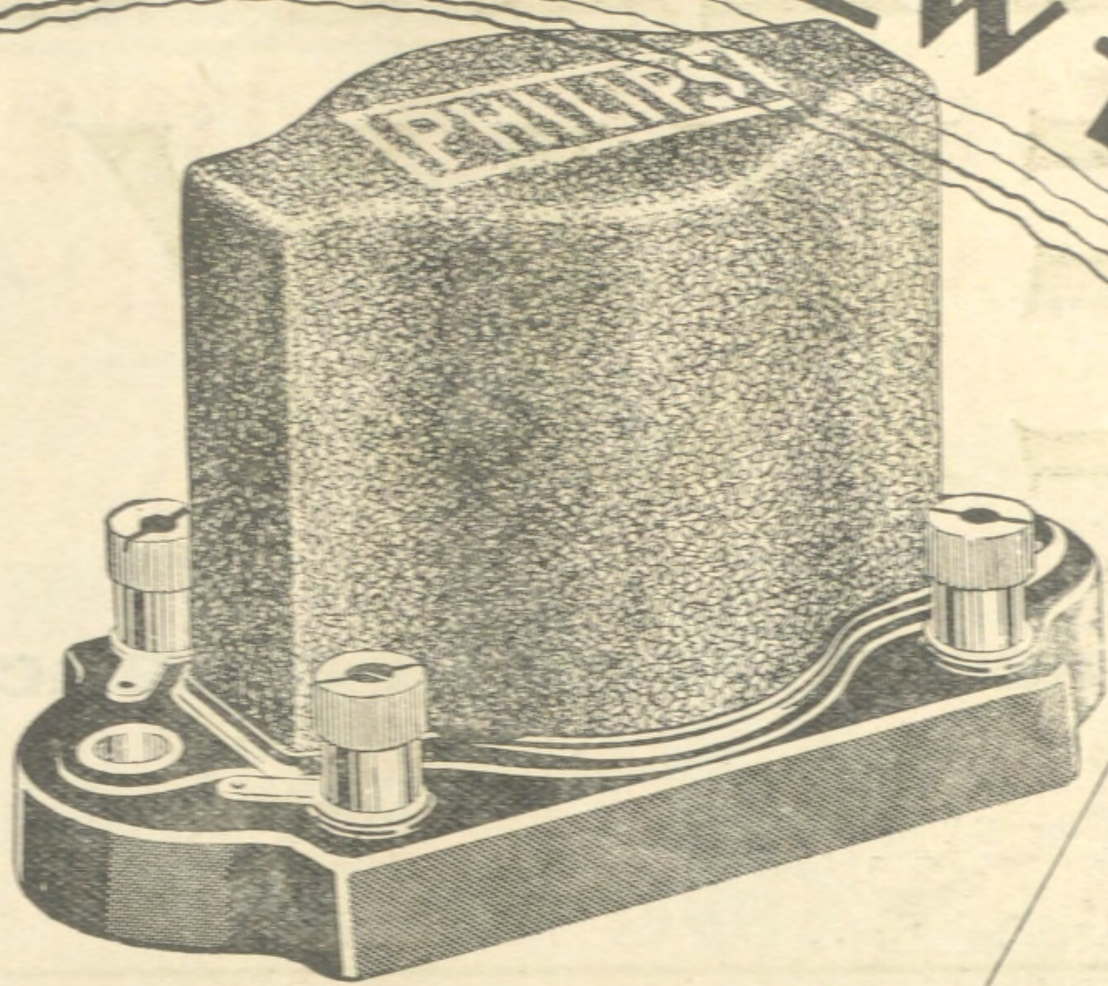

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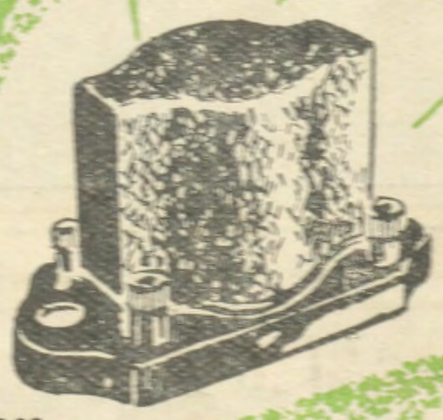

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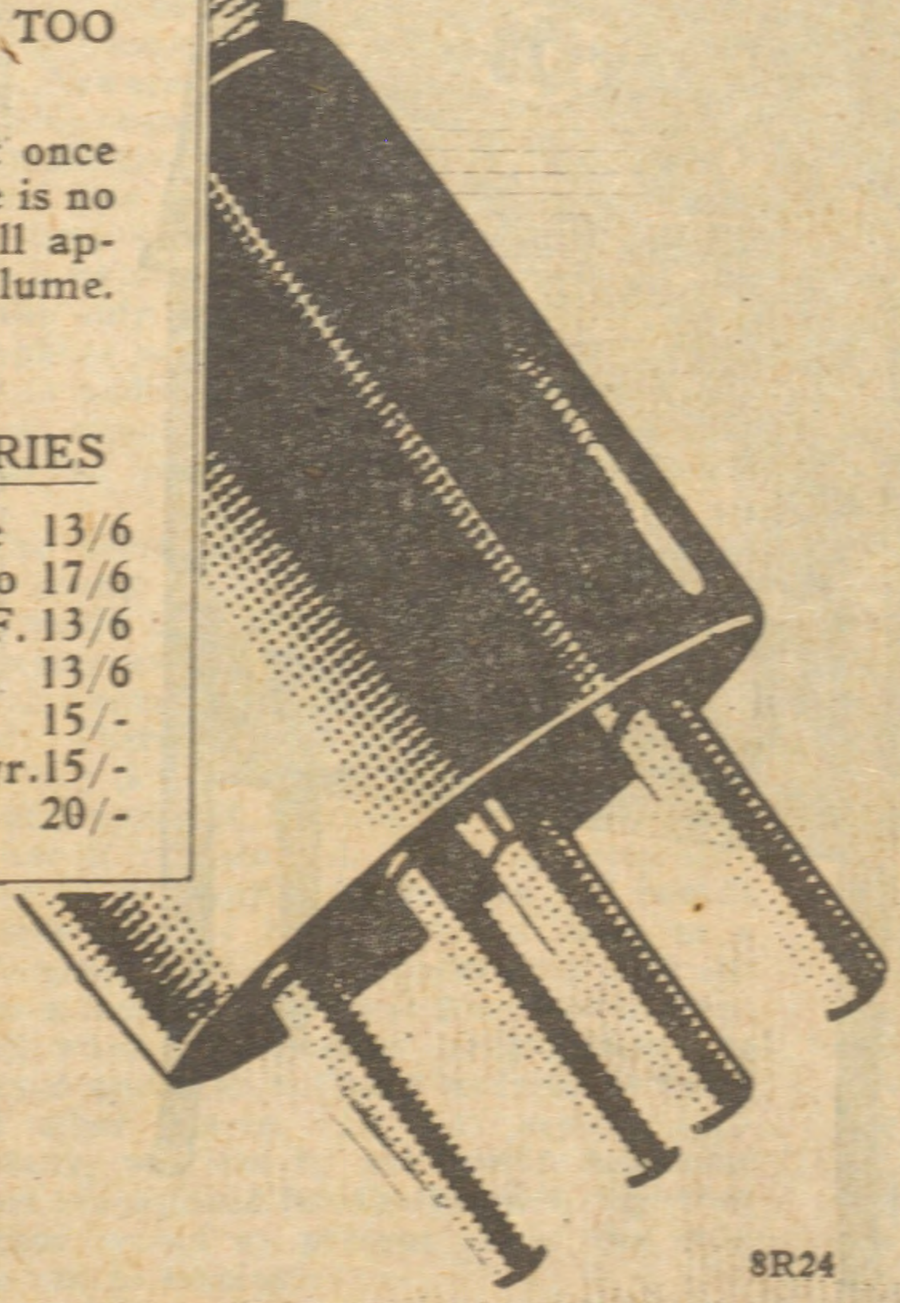

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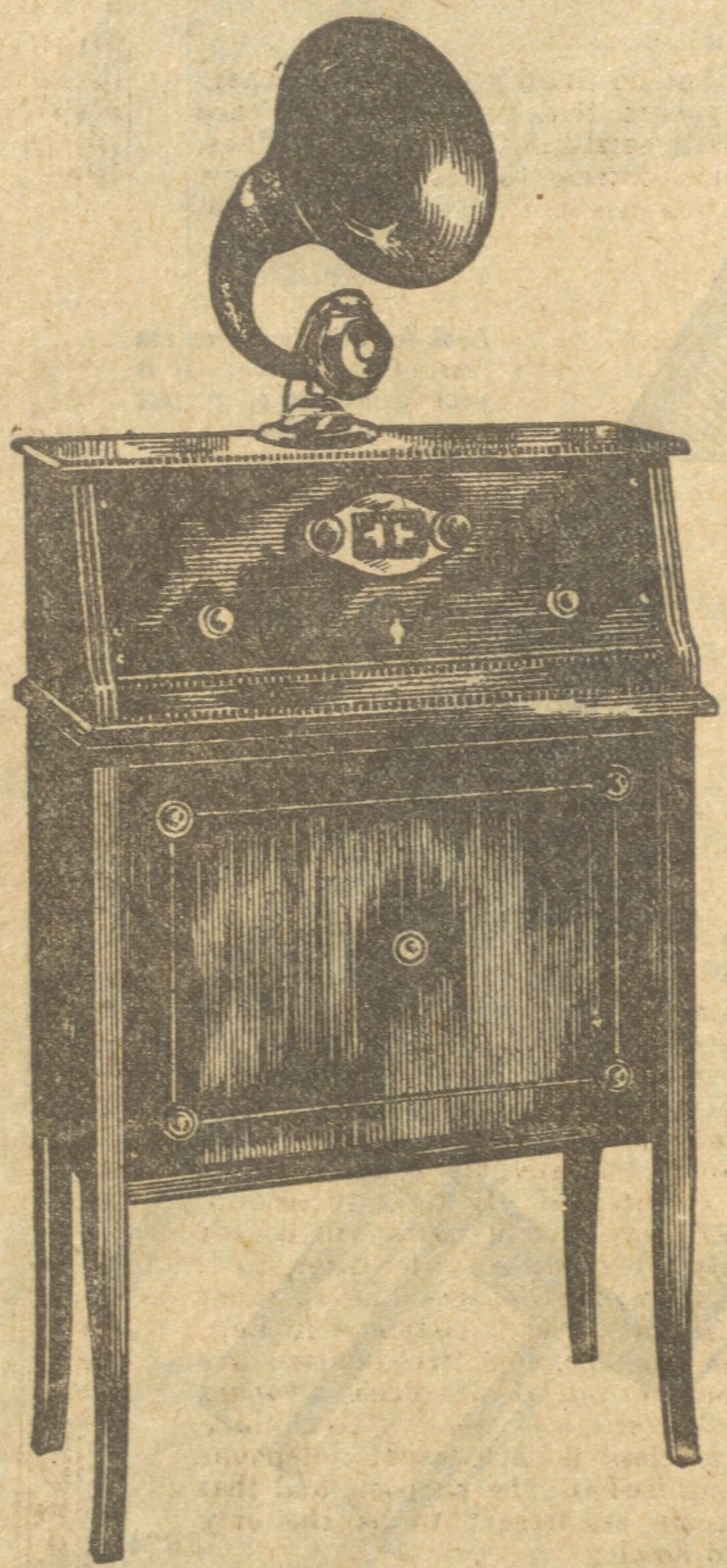

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WIRELESS WEEKLY

VOL. 12. No. 7. FRIDAY, 8th JUNE, 1928.

Relayed Programmes Next.

ONE of the benefits expected from the Amalgamation of the broadcasting companies is an improvement in the services. That, indeed, was one of the main objects aimed at both by the Postmaster-General and the principal broadcasting companies, which were responsible for the unified control that is being brought about.

As the acting-secretary of the Postmaster-General's Department recently pointed out, the element of competition between the companies, especially in Melbourne and Sydney, rendered it impracticable for the companies to effect the changes in the programme services that are now being made or arranged for. Each station felt that it was required to give the best possible service that it could provide. Irrespective of the fact that the other station in the same city was putting on a specially satisfactory item, it was considered that there was nothing wrong in putting over a similar item, even at the same hour. In fact, the element of competition demanded that special efforts should be made to include that item, and, if possible, put it on the air in a more attractive manner. Thus we had both stations giving at the same time dance music, children's hours and descriptions of sporting events.

Such competition obviously led to a waste of money and effort when considered from the point of view of the listener. He did not want the same item or class of item from both stations. He wanted the opportunity of selecting an alternative item if one station were not satisfying him. Under the new conditions of unified and central control he will be able to make more selection in his programmes.

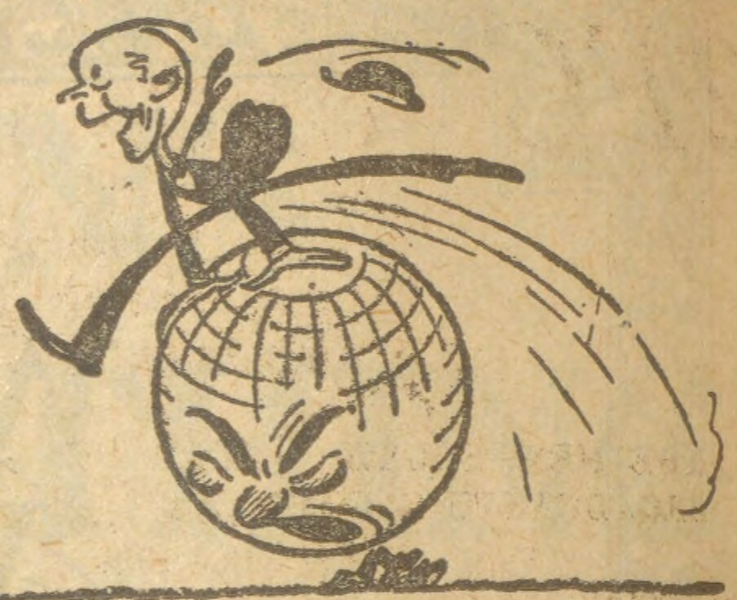
The economy of effort and the savings in programme costs made possible by the new arrangements will enable the long-delayed matter of relay stations in country districts to receive more attention. Of course, attention has been given to the matter on many occasions, but no finality could be reached. Now it appears that renewed efforts are being made to establish the country stations.

The main obstacle to the establishment of the station has been the failure of the Government to provide the telephone lines. That obstacle still exists apparently, and attempts are being made to make use of wireless for the purpose of joining the country stations to the main city stations, so that the programmes can be relayed.

There are advocates of the wireless method who are fully convinced of its efficacy: others are doubtful, although hopeful of succeeding. It is by no means certain, however, that, at present, regular and reliable communication by wireless could be maintained at all times, unless at great cost. The cost of installing and maintaining long wave stations of adequate power would be very heavy. That type of station is the only one, like the Rugby-New York telephone service, that could be relied upon, but in addition to its cost, the interference from atmospherics would be intolerable. Thus the long wave system would be ruled out.

The short wave system would be much less costly and freer from atmospherics, but would be susceptible to the elusive and annoying evils of fading. So much so, that regular communication could not be guaranteed. Therefore, the prospect of wireless relaying is not bright, but will apparently be attempted if thoroughly reliable advice to use it is obtained. If it is successful, listeners in many distant parts will benefit considerably by being able to listen to a Melbourne or Sydney programme sent out from a local station, as is done now in England, when the London programmes are relayed and sent out at Aberdeen, Swansea and other places. In that system, incidentally, wireless is not used: telephone wires are utilised for the purpose, and that method seems at present to be the only safe one to employ.

Catching Up with the Wireless World.



By R. E. CORDER.

IT IS LESS than one hundred years since Michael Faraday discoverd electro-magnetic induction between two entirely separate circuits.

THE FIRST paid wireless letter was sent on June 3rd, 1898, by Lord Kelvin, from the Needles Station, Isle of Wight.

RUMOR HATH IT wedding bells rang on Saturday, 2nd June, for Mr. Ewart Chapple, the popular 2FC accompanist. Miss Marie Bremner is the charming girl of his choice, and we offer hearty congratulations and best wishes for their future happiness.

MR. WALTER E. WITHEROW, who describes the wrestling contests from the Stadium for the benefit of 2BL's listeners, has answered a query which is being asked by many. The query is, "Why is it that we seldom if ever see a photograph of the Boston Crab Hold?" Mr. Witherow answers that this hold was only developed during the latter part of last year, and a professional wrestler needs years of practice before he adopts any such new holds. When, however, this hold is used, it provokes great interest, and it is expected that many of the world's professional wrestlers will take up this hold, either for aggressive or for defensive purposes.

EXCEPTIONAL RESULTS were obtained from the packets of seeds which were distributed by 3LO some months ago, and many letters have been received at the studio, asking whether a similar distribution will be made again in the future. It is proposed to make a further distribution at a later date, and particulars will be announced later. One lady, writing from Shepparton, wrote that her son had obtained better results from his small packet of seeds than she had been able to obtain from a supply which cost her 5/, and she forwarded a request that 3LO should send her a flower and vegetable catalogue. The catalogue was forwarded and no doubt her son has joined the ranks of enthusiastic gardeners.

ACCORDING TO reliable statistics recently prepared, Germany exports more wireless apparatus than any country in the world, except the United States.

THE CARILLON: Mr. Charles C. Coles of Mount Holly, U.S.A., writes: "I tuned in and heard the call sign from Station 2FC Sydney, Australia, transmitting on 442 and 28.5 metres. This was at 7 a.m., our time. Then followed a fine carillon concert, which was still continuing as I sallied forth to work. I do not understand why WGY did not rebroadcast you earlier."

New 2FC Competition

IN OUR FRONT COVER this week appears a photograph taken at the Studio Warming at 2FC on the 23rd May, of a number of principal 2FC artists singing "Auld Lang Syne" after having bidden farewell to Raymond Ellis, the eminent English Baritone.

In this photograph there are a number of artists whose faces are well known to readers. To the reader who can identify the greater number of people present in the photograph, 2FC are offering three prizes of enlarged photographs—one to be framed for the winner, and the other two unframed. The competition is open to everybody, and the following coupon should be filled in, and forwarded in an envelope endorsed "GUESS WHO COMPETITION," to "Wireless Weekly," Williamson House, 51 Castlereagh Street, Sydney, before 30th June.

I can identify ..... persons in the photograph; the names of which are on the sheet attached.

NAME .....

ADDRESS .....

.....

.....

A NUMBER of well-known districts round old London are being renamed. We suggest "Seven Dials" be altered to something more modern, such as "Single Control."

ACCORDING to the London "Police Journal," wireless is playing a great part in the inter-communication of police forces in England and on the Continent.

MANY LISTENERS must have thought 2BL were relaying some foreign station the other evening when a curious jargon was being broadcast, but it was only Mr. Basil Kirke, speaking to a number of his little foreign nephews and nieces, in their native tongue, Hindustani.

A NEW ZEALAND LISTENER from Hakataramea, South Canterbury sends a word of appreciation to Captain Fred Aarons, in connection with his "Blunder Budget" talk—and enjoys a little joke at his expense: "Thanks very much for your talk. The broadcast announcers of this country are, I consider, the biggest menace to correct pronunciation over here. The ignorance displayed is positively appalling. I hope all announcers were listening to you—though I hope they did not notice your little slip in your last sentence when you said: 'The deplorable state which our language has drifted into!'"

ACCORDING TO Charles Nuttall, the popular journalist-artist, who, from 3LO, has talked himself into the good graces of thousands of listeners in all parts of the Commonwealth, his radio audience may be divided into two distinct classes, those who wish to be entertained, and those who desire to be instructed, the pleasure-seekers naturally predominating. However, as everyone knows, this popular lecturer is more than able to fill all demands made upon him, for his lecturettes not only contain a great deal of sound advice, but are always treated in humorous vein, plentifully besprinkled with witty remarks, and never failing to call forth a goodly round of applause, which is how Mr. Nuttall describes the budget of appreciative letters that come to hand each week.

2FC and 2BL---The Pioneers

The following letter from the Chairman of Directors of the newly formed New South Wales Broadcasting Company (2FC and 2BL) has been received by the Editor

THE NEW SOUTH WALES BROADCASTING COMPANY.

May 13, 1928.

The Editor,
"Wireless Weekly."

Dear Sir,

Perhaps it is fitting at the present moment, when so much publicity is being given to a statement issued by a high authority in the Postmaster-General's Department, to remind listeners throughout this and the adjoining States of some of the features that have been broadcast in programmes from 2BL and 2FC.

The New South Wales 'A' class stations have to their credit the first transmission in any part of the world of a full sitting of Parliament, the description of the arrival of a fleet at sea, the broadcast for the first time in the world of two complete Gilbert and Sullivan operas. Both these stations also described the events in the great Public Schools' Regatta in 1925, several years before the British Broadcasting Corporation described the Oxford-Cambridge boat race.

Descriptions of horse racing in the running were first undertaken in New South Wales some considerable time previous to any other Australian or overseas station undertaking this work. The development of special market sessions for country listeners were first established in New South Wales, and the News Session of the "A" class stations here today are far in advance of those of any other State.

In the field of relay work, 2FC and 2BL have between them always taken the premier positions. London was first heard through Holland on 2BL, and Australia was first relayed in England by the British Broadcasting Corporation through 2FC.

New South Wales programmes have been relayed on no less than five occasions, and so far no other State has had a programme relayed through the British Broadcasting Corporation. Dealing with this matter, Mr. H. A. Hankey, secretary of the English branch of the Empire Broadcasting League, who recently visited Australia, stated: 'In Canada, U.S.A., on the Continent of Europe, in the British Isles, in India and Africa, 2FC is on the lips of all radio enthusiasts. It is not only simply logged, but relayed and discussed more generally than perhaps any other station on the air. Nearly every radio journal, whether printed in English or foreign language, has, during the last six months, been discussing the world broadcasting of Sydney.'

Long before any other State saw the value of descriptive broadcasting of sporting events, 2BL had described Interstate football, and 2FC Interstate cricket. The first church service and the first theatrical performance in Australia fell to the credit of the Sydney stations.

During the past week, American stations have claimed as records a broadcast from 6,000 feet in the air and the description of a film during its presentation, in a theatre. Over two years ago, this company's stations carried out a transmission from 10,700 feet in the air and 3,000 feet under Sydney Harbor from within a coal mine, and described a film during its full presentation.

The Sydney stations can claim a world's record in the direction of having during their short life time transmitted over 110 distinct works in the form of theatrical performances. They have also transmitted over a longer daily period than any other station, and claim that their programmes are equal, if not more diversified, than those of any other country.

2FC and 2BL can between them claim that every avenue in musical, theatrical and utilitarian broadcasting, has been explored, very often at a cost far out of proportion of the revenue available to them from licenses.

In conclusion, I would like to state that the New South Wales Broadcasting Company Limited will in future control and voice the policy of broadcasting in this State with an equal degree of confidence in pleasing its listeners as that done hitherto by the individual stations."

No doubt the Postmaster-General's Department will furnish us with copies of any letters making complaints.

Yours faithfully,
For the N.S.W. Broadcasting Co.
(Sgd.)
George Wright.
Chairman of Directors.

Results of Racing Controversy

THE RECENT PLEBISCITE conducted by each of Sydney's "A" class stations, also by "Wireless Weekly" and the Trade Papers, has resulted in a definite issue regarding the broadcasting of race results. Figures are not yet complete, but it is hoped that we shall be able to publish the figures compiled by the broadcasting stations in next issue, together with those of the Trade papers. In the meantime, our own figures will be dealt with, though they are, as yet, incomplete.

In the short time that the plebiscite has been conducted (for two issues only) a total of two hundred and eight letters have been received from all parts of Australia, and even New Zealand. The fact that small country towns such as Gulargambone and Wantabadgery seem to be as interested in Sydney races as are metropolitan listeners, is an important point. Many letters were received from these small out-back places.

The votes will probably be finalised by next issue, when we hope to publish the results with those of the broadcasting stations concerned. In the meantime, our figures stand as under:—

VOTES RECEIVED	208
IN FAVOUR OF BROADCASTING OF RACES	191
IN FAVOUR OF 2FC PERFORMING THIS SERVICE	137
IN FAVOUR OF 2BL PERFORMING THIS SERVICE	33
IN FAVOUR OF INTERMEDIATE TRANSMISSIONS	21
IN FAVOUR OF EXEMPTION OF RACE RESULTS FROM PROGRAMMES ALTOGETHER	17

The Safety Valve

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

IN THE WEST.

Dear Sir,—I have been an interested reader of your Safety Valve column since it started, and I will probably raise a hornet's nest for butting into what does not concern me, as my license does not cover the Eastern States. But, dinkum, Mr. Editor, those people with a growl make me tired; you have the pick of all A class stations in the East. In the West we have only the one station. Do you ever hear of listeners in the West growling about 6WF's programmes, Mr. Editor? I'll say you don't. Over here we like to tune in all the Eastern States stations, and, believe me, I for one enjoy all programmes.

I quite fail to see what on earth everybody has to growl about. I have only a three valve receiver, a Reinartz, detector and two lows, but I can listen to all A class stations on the loud speaker, and enjoy them. I think that 4KB in your issue of April 20th hits the nail on the head properly. All I can say is three cheers for the broadcasting managers. They are doing their best to please everybody. Some of you chaps should tune in 6WF's 104.5 metre transmission.

Brookton, W.A. "GROPER."

B.D. PERFORMANCE.

Dear Sir,—In view of the many letters appearing under the "Safety Valve" column regarding the Browning Drake receiver. I would like to tell you of the performances of my set. My aerial is strung between two gums about 30ft. high, and I received during the week on the loud speaker: 5DN 18.24, 2UW 23.29, 2KY 28.33, 2UE 32.38, 2GB 37.42, 1YA 42,45, 2BL 47.51, 3LO 53.57, 4QG 58.61, 5CL 64.65, 2YA 77.79, 2FC 74.77, 3AR 87.87, 7ZL 96.97.

I suffer interference from Farmers on 5CL and 2YA. Only all other stations being free from that trouble, so I for another will not scrap my B.D.

Yours, etc.,

Killara. "PIP."

DESTRUCTIVE!

Dear Sir,—What strikes one most on reading the letter of complaint written to the Safety Valve page, is their tone of assured impudence. It is impudence so destructively to criticise the radio stations. Every day they must present a new programme and be prepared to change a number in the event of an artist failing to appear.

On the whole, the programmes are admirable—wonderfully so—we pay so little for the privilege of radio and get such tremendous variety. People who write of "the dreary church services," "religious propaganda," "awful talks," etc., etc., are not in the majority, and would never be satisfied. But the pity that they should be so appallingly narrow-minded and self centred. On behalf of our family I tender sincere thanks and gratitude to 3LO and 2FC, who have taught us and charmed us during the last three years.

Yours, etc.,

Logcarbali, Q. D. RANGER.

UNJUST?

Dear Sir,—In a few lines I would like to show B.V.R.G. how unjust, how selfish, how poor, his argument is in regard to Sunday Church services. Firstly taking the figures at your last vote the majority are against him, but if he does not want religion why does he not tune into 2UW? He makes the comparison between N.S.W. and the U.S.A. in regard to broadcasting stations the conditions are different. But it may be news to him to know that in U.S.A. the stations are all like our B class with no direct return from the people like our A class stations there for the church people can afford to support a station of their own. So would the church people here have their own station if it was the same as U.S.A., with no license fee to pay we could pay the 24/- a year for the upkeep of that station. But as long as we pay a license fee to the A class stations, we expect to be given a fair return for that fee. He asks why should the churches be allowed to monopolise the A class stations on a Sunday? I advocate more church and religion on a Sunday. Then perhaps our infidel friends would learn some good, but that is just in passing and no spleen is meant. It is all very well for us in the Cities to say, cut out the church and let those go to church that want to, but we have to think about the country people who are miles away from their neighbour. I have had a fair amount of dealing with country people, and I am not exaggerating if I say, 90 per cent. of country people attend church when possible. B.V.R.G. also advocates to cut out one service on a Sunday. This would be very unsatisfactory, as sometimes a station will fade and be distorted, while the other station is all right, so to make sure let us have the two services. Religion is not receiving its fair share on the programmes, from the A class stations, and if there is any further reductions of religion on a Sunday, the churches will have a right to ask for, and rightly expect a religious address or church service on a week night. Then we would not be getting over our dues.

Yours, etc.,
G.W.

Hamilton.

BETTER ENUNCIATION.

Dear Sir,—I find 2BL enunciates more slowly than 2FC, and it seems to come in clearer, although no fault could be found with either, as both are clear and good. I appreciate the racing, as descriptions are O.K.

D. HUGHES.

Dee Why.

NOT TOO LATE.

Dear Sir,—I hope we are not too late with our votes re broadcasting races. I don't know one thing about races, but if the broadcasting is stopped, it will make a great difference to the sales of wireless sets, and I don't want anything to happen that will do wireless any harm. I think Mr. Ferry is splendid, and 2FC is by far the best. People often use my set for the purpose, and vote 2FC every time.

Yours, etc.,
(Miss) V. E. COMBE.

Leura.

3LO-5CL MERGER

A Statement (printed in panel below), issued by the Broadcasting Company of Australia, announces the final co-ordination of the services of 5CL and 3LO-3AR

5CL ADELAIDE has at last agreed to join forces with 3LO, and the organisation will help further to bring about cohesion in broadcasting from "A" class stations in Australia. Negotiations are still in progress with the Queensland Government Station, but no difficulty is expected to arise in bringing an agreement to finality there.

This done, broadcasting begins the second great phase of its career in Australia. No invention in many decades has travelled so far or so fast as radio. Men have been forced to devise methods for its application as the greatest entertainer in history in a space of time that has often been given to the organisation of a single theatrical company. The measure of success has been so great as to destroy the onlooker's sense of proportion. So much has been done that it appears to the outsider that much more could have been accomplished. Radio has succeeded so smoothly to the throne of entertainment that it has become a commonplace. Greater obstacles, greater failures would still have kept it among the world's wonders. Now it is a toy for schoolboys, who have ceased to marvel at a thing they can so easily manipulate.

Future Developments.

What is to be the development in the future? The co-ordination of "A" stations will allow of much more closely-knit programmes. There has been a great deal of loose criticism of the programmes of the big stations, often on the part of the officials. It has never been dealt with in detail. A little trouble in examining the basis of the criticism will serve to show its shallowness.

As a type of fault-finding, let me take the recent utterances of Mr. Haldane, of the P.M.G.'s Department, who actually hinted that the Government had the power to withhold revenue from stations that were not up to the mark in the class of entertainment they supplied. He went on to say that people were beginning to prefer the "B" stations, which were not in receipt of any revenue, and which broadcast only gramophone selections and advertisements.

Closely examined, this criticism boils down to the charge that much is put on the air by "A" class stations with which people are bored. Further, that no one who listens to a "B" station is bored. Stripped of verbiage, this is the plain meaning of the criticism which is only an echo of that voiced in letters to the Press.

Let us consider it, and weigh its justice. In the first place, there is not a similar station in the world against which the same charge of boredom is not levelled. And the charge can be sustained. Not a man lives, however, whatever his experience, or however wide his knowledge of psychology, who can devise a programme which is to last for about 18 hours and appeal to such divergent taste from that of the moron to that of the savant, and which will not bore at least portion of the immense audience.

How Listeners Are Bored.

It is precisely because "A" stations have this big field to cover that they must necessarily contain boring details. When women's work is being demonstrated, for example, how it is possible to avoid boring men who happen to be listening. As far as possible these sectional interests are catered for at times of the day when it is expected that the greatest proportion of listeners will be those specially interested. To make every item successful, however, is impossible. Later, market reports come on. Of course, thousands of city dwellers give an exasperated curse, shut off their instruments and take pen in hand to write to the daily papers or the P.M.G. They don't bother to give details of the part that bored them. They simply write: "The programmes are getting worse and worse."

Equally, of course, the "B" class stations score, because they do not bore. When a man cuts off a speaker who is talking on the life and private habits of the silkworm, he knows full well that he can receive a good gramophone record at a small station, and he proceeds to feel about the air till he picks up what he wants. The only rival to the gramophone is the advertisement, and these are put over very interestingly, and generally deal with needs that interest him. He says with satisfaction: "Well, at least I can get what I like at So-and-So's 4DM or 3BY, whatever it may be. If the broadcasting of gramophone records was the criterion for successful entertainment, it would surely pay the big stations to dismiss their bands, throw out their singers, let half their staff go into unemployment, and buy a good gramophone. But the opposite is their course. They are charged with the duty of broadcasting public events, the views of distinguished visi-

Special Announcement!

3LO-3AR Merge with 5CL

A FURTHER stage in the co-ordination of broadcasting services in Australia was reached on May 21, when the Broadcasting Company of Australia Pty., Ltd. (3LO), announced that arrangements had been made whereby that Company obtained the controlling interest in the Adelaide Station (5CL). It has taken some time for the companies concerned to come to an amicable agreement, as was requested by the Postmaster General some months ago. The effect of the co-ordination of the services of 3LO and 5CL will be that it will be possible for artists to be engaged for a longer period than was the case formerly, when the companies were under different management.

The full benefit of the co-ordination will not be experienced immediately, as some time must necessarily elapse before the co-ordinated services are in full working order.

tors, explanations of live public questions, racing and sporting results, market and weather reports and a score of other things that must necessarily be broadcast, though it is known beforehand that half of the customers will be bored, and another quarter will write to the papers.

Well, what is to be the outcome? Is boredom to be tolerated? How is it to be overcome?

Co-operation Essential.

Precisely by carrying out the co-operation on which the big companies are at present engaged. It is only recently that the main lines of co-operation were settled, in some cases agreement has not even been reached. When it is, the "A" stations will at once do what has gained the "B" stations their popularity. That is to say, one class "A" station at least will always be engaged on presenting what one or more sections of listeners want. No two programmes will be alike. The songs will be no better, because the best available singers are engaged; the music will be no different, because at great expense well known and capable conductors, good enough to give great public concerts, have been persuaded to do the same thing on the air. But, a man who hates talks will know that he can avoid them by tuning-in to a station whose programme at that hour is nothing but music. A man who wants wrestling descriptions will know that one particular station at that time is giving him his favorite topic. The man who loathes jazz will have advance information that he has only to tune in, say to 2FC, and he will be listening to a theatrical performance. The West will, possibly, be given the job of telling bedtime stories, while a particular hour at a particular station, say 3AR, will be giving market reports. In this way everyone will get what he wants. If a man tunes in to jazz and thinks it is "rotten," his criticism will then carry some weight. At present, it means only that he doesn't like jazz. Unfortunately for him, 20,000 others do, and loathe what he likes.

The big change comes about on Monday, June 18th. Market reports are to be given at 8 o'clock by 3AR, because farmers don't arrive home from the fields until 7 o'clock. At dinner time, 3AR will broadcast music only, for those who like to dine to sweet strains. This is a sample only of what co-ordination will bring about. Until it is in active operation, criticism, whether from private listeners or from P.O. officials, is out of order.

Advertising Announcements in the Broadcasting Programme

FREQUENTLY, in the press, and even in Parliament, one comes across perfervid outbursts against an alleged concealment of advertisement, that is denounced as contrary to the regulations, in that case made and provided. One has only to sing a song, quote a book, give a recipe, mention a person, refer to a process, and at once this mosquito fleet of censors pounces on the exposed place, and sucks the blood of the broadcasting station, with almost ghoulish gusto. Some people, evidently, dare not glance even at a treatise on comic selections, for fear they should be inveigled into buying soft soap, through an unexpurgated advertisement concealed between the lines. It is all too amusing, for one would as soon suspect an honorable member of rising in his place in Parliament, merely to get his name in print, as imagine a broadcasting company augmenting its fees by cursory evasions of a regulation that it costs nothing to comply with. The horrid thought, in fact, obtrudes itself that perhaps the apparently conscientious objector is himself gleaning a secret commission by praising, with faint damns, the very commodity whose mention he affects to regard as not for ears polite enough to pay wireless fees.

But there is another less prominent aspect of this advertising bogey that is worth while mentioning. Have you ever noticed that broadcasting stations never advertise? Well, hardly ever. That is to say that they let their good deeds, and words, and jazz music, and sporting reports, speak for themselves, from every loud-speaker and head-'phone available, but they don't go out into places where wireless isn't, and say it ought to be. They don't improve the landscape with huge reproductions of 3LO, Melbourne, personified as Stentor, shooting through a funnel, torn from an ocean liner. They don't use slogans that thrill the heavens like a thunderclap, proclaiming that "We feed, and others swallow!" or "A little wireless every night will help to keep you fit and bright!" They send no minions out with whitewash to decorate the roadside fences with the magic letters, 3LO, to remind us that Melbourne is just around the corner of your wireless set.

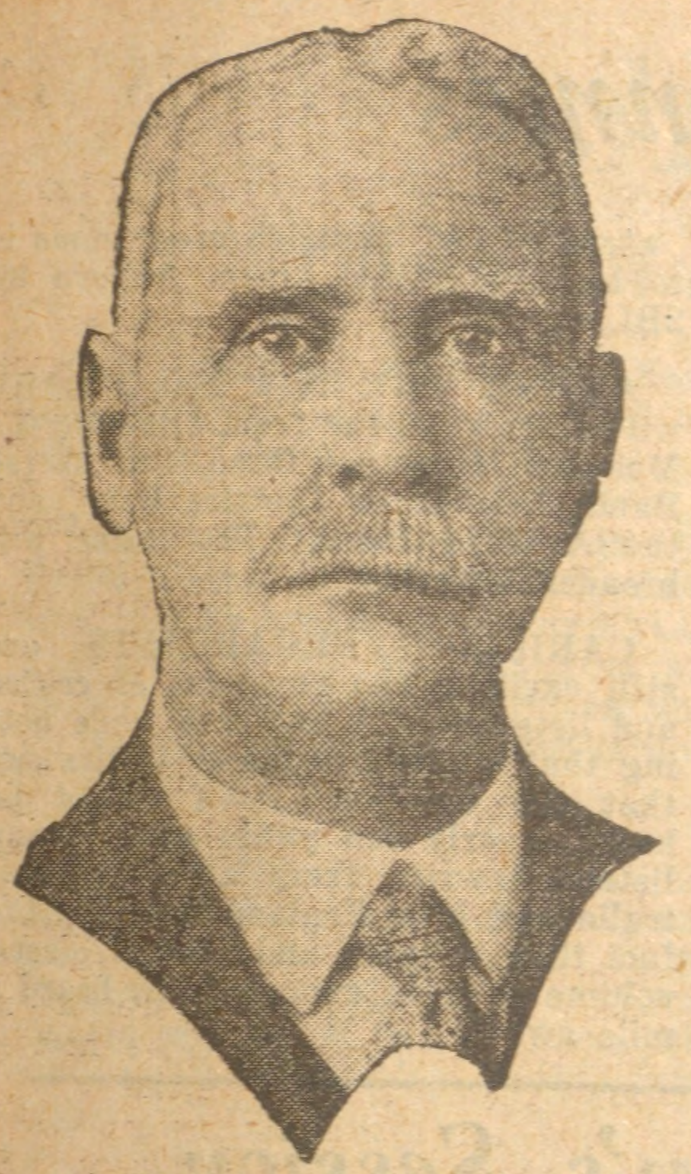
The fact is that a broadcasting company, like 2FC or 3LO, needs no extraneous advertisements, simply because it is for ever putting samples of its goods fresh before a public that it educates as well as satisfies. It creates the taste that it appeases. There used to be superior beings that thought wrestling bad form. Nowadays, you can always find those very people, either at home on Saturday night or hugging the loud-speaker in the home of a friend. Likewise, there were unregenerate underlings once who thought jazz more to be desired than all the strains of St. Cecilia, yet now these very folk enjoy Wagner for supper and whistle Beethoven while they wait for a tram. Wireless, in fact, as some future poet is likely to repeat, is a creature of such striking mien that to be hated needs but to be seen, but, seen too oft, familiar with her voice, we first endure, then pity, then rejoice.

But, for a moment, let us look at the charge before us seriously. Between you and me, is wireless any good as an advertising medium? Would you, for instance, my forensic Parliamentarian, discard the good old standby of a voice lozenge you have used for years at the mere behest of a voice out of a tin cone? The secret of successful advertising is perpetual repetition, and that, not merely to the ear, but, most of all, to the eye. When wireless vision comes, as come it must, then, I grant you, let us tighten up our advertising schedule. But, meanwhile, why not let an occasional lecturer commit his little faux pas, without stirring the heavens and the earth against an innocent and rather amused broadcasting station? Cannot even a cockatoo broadcast a word from which the flapper snatches a fearful joy when she jams her finger, without some purist indulging in even more violent vituperation, until the departmental hair turns grey, or is torn out in handfuls, over a guileless amateur station, while the great work of the world goes on unaided by popular applause? A successful station is advertised even by the violence of its detractors.

THE LIFTING of the ban on controversial broadcasting in Great Britain does not entail the likelihood of broadcasts from the Houses of Parliament. Replying to a suggestion in the House that a Select Committee should be set up to consider whether Parliamentary proceedings should be broadcast, Mr. Baldwin said that a previous enquiry showed a greatly preponderating body of opinion against such a project and he did not think there had been any substantial change of opinion since then.

2FC FEATURES

Dance Night—Wagner—Dave Foley—One Act Play —Rose Marie.



Mick Ferry, the 2FC Racing Commissioner for whose descriptions an overwhelming majority of our readers have voted in the Racing Ballot.

THE CAMPBELL BROTHERS, who have recently been engaged on the Tivoli circuit, are appearing at 2FC on Saturday, 9th June. Theirs is a good bright novelty act, well suited to broadcasting, which should find favor with listeners.

DANCE NIGHT: On Monday, 18th June, 2FC have arranged to broadcast the music from the Artists' Ball, with a description of the function. The programme will commence at 9 o'clock, so all those listeners who have been asking for a dance night—here is your opportunity to arrange home parties with radio music from the function of the year.

KATHLEEN ROE, the little English pianist who, through romantic circumstance, found herself in Sydney a couple of months ago, appears in both solo work and accompaniments at 2FC. Miss Roe has had a brilliant career. She won the coveted Thalberg scholarship, and has carried off various bronze and silver medals at the Royal Academy of Music, London, for piano, sight-reading, accompanying and harmony, and has secured one of the annual London Festival prizes for composition, an award gained for a song, "The Lovers' Vow," a setting of a poem by Bishop Atterbury, the prelate who figured so prominently in the controversies of the early days of the seventeenth century. She has given various recitals in London, and was soloist in a production of Sir Alexander Mackenzie's "Scottish Concerto" for piano and orchestra, at Queen's Hall, under the baton of Sir Henry Wood.

THE WAGNERIAN PROGRAMME by the Conservatorium Orchestra on Saturday, 9th June, will be broadcast by 2FC. Robert Harper is the soloist.

FRED SCHOLL has arranged a recital through 2FC on Sunday evening, 10th June, at 6.5. Lovers of good music will welcome this opportunity of hearing Mr. Scholl in a programme worthy of his artistic musicianship.

CYRIL COY'S DANCE ORCHESTRA is appearing at 2FC on Friday night, 8th June, and Dorothy Dewar will feature vocal choruses with the band. Her songs will include "I Told Them All About You," "Look in the Mirror," "Yesterday," "A Night in June" and "Our Bungalow of Dreams."

A NEW ARTIST in the person of Dave Foley comes to 2FC on Wednesday, 13th June. Mr. Foley appears with great success at the North Queensland Annual Eisteddfod under various adjudicators from Sydney and Melbourne. Before Lindley Evans at Charters Towers in 1926 he gained the champion baritone section with the "Prologue" from Pagliacci.

ERIK LANGKER has arranged a new series of talks with 2FC. and on Tuesday, 12th June, his subject is "Old Furniture."

"IT PAYS TO ADVERTISE" is the next production of the H. W. Varna Company at 2FC Studio on Wednesday night, 13th June.

ELLIOTT NAPIER gives the second of his series of talks, "Walks Abroad," from 2FC on Monday night, 11th June. Mr. Napier can invest even the driest topic with a certain quiet humor—and there is certainly nothing dry about his wanderings abroad. Listeners can look forward to fifteen minutes full of color and action.

"ROSE MARIE" SWANSONG: The broadcast by 2FC of the full performance on the final night awakened pleasant memories of the production in New Zealand for Mr. F. Chapman, Junr., who says: "It came through beautifully, being word perfect, and the specches by the principals after the show were all that could be desired."

Week's Features at 2FC

TALKS.

FRIDAY, 8th JUNE:
6.50 p.m.—2FC Racing Commissioner: Last Minute Information.
7.45 p.m.—W. F. KAY: "A Sheaf of Old Programmes."

SATURDAY, 9th JUNE:
6.50 p.m.—The forthcoming Artists' Ball.

MONDAY, 11th JUNE:
6.50 p.m.—MISS LIDDELL: The Journalists' Ball.
7.45 p.m.—GRAHAM KENT: "Teaching Bridge."

TUESDAY, 12th JUNE:
7.45 p.m.—ERIC LANGKER: "Old Furniture."

THURSDAY, 14th JUNE:
7.45 p.m.—REV. F. H. RAWARD: "I'll Tell You a Curious Thing."

CHURCH SERVICES.

SUNDAY, 10th JUNE:
11 a.m.—S. Andrew's Cathedral.
7.30 p.m.—S. Mark's, Darling Point.

MUSIC—COMEDY—DRAMA.

FRIDAY, 8th JUNE:
8.5 p.m.—CYRIL COY'S DANCE BAND, with Vocal Choruses by DOROTHY DEWAR.

SATURDAY, 9th JUNE:
8 p.m.—STATE CONSERVATORIUM ORCHESTRA: Wagnerian Programme. Soloist, Robert Harper.

SUNDAY, 10th JUNE:
3 p.m.—From the Lyceum: Musical Programme arrnaged by Warwick Mackenzie.
4 p.m.—MANLY BAND.
8.30 p.m.—MANLY BAND.
9.30 p.m.—PETER GAWTHORNE, English Baritone.

MONDAY, 11th JUNE:
8.10 p.m.—GLIFFORD LATHLEAN, Baritone.

TUESDAY, 12th JUNE:
8.10 p.m.—N.S.W. TRAMWAY BAND.

WEDNESDAY, 13th JUNE:
8.30 p.m.—H. W. VARNA COMPANY: "It Pays to Advertise."

THURSDAY, 14th JUNE:
8.30 p.m.—Grand Opera Lecture-Recital by Roland Foster: "Turandot."

In the 2BL Programmes

THE VERSATILE English Entertainers, Win and Windle, are to make their reappearance from 2BL on the evening of Tuesday, June 12th.

A BRILLIANT pianist has been engaged by 2BL for the benefit of listeners. The lady is Madame Lenebach, and she is preparing a series of numbers which are to be broadcast regularly.

CYRIL JAMES, the well-known Sydney baritone, will be heard shortly from 2BL, who has engaged him for a series of recitals. Mr. James is careful in his choice of items for broadcasting, and does not choose those which have been "done to death," so listeners may look forward to hearing something new.

CLAUDE CORBETT, Sporting Editor of the "Sun," is one of the most authentic "Sport Dictionaries" one could ever find. 2BL have discovered this, and as a result, Mr. Corbett is to deliver a series of sport talks each Wednesday evening at 9 o'clock from this station. Just back from Cootamundra, he has some first-hand information for Rugby League players.

RECEPTION of Australian stations in America seems to improve each year. Last year notifications of reception of 2BL by American listeners ceased in March, but this year they are still being received. One listener writes from Alaska to say that 2BL is received with the same volume as the 5 kilowatt stations situated there. He adds that the items, "I am Not that Kind of Girl" and "Dew, Dew, Dewy Day," came through perfectly. Another listener, writing from Pittsburg, says the voice of 2BL's announcer comes through perfectly clear.

OVERJOYED at hearing 2LO London rebroadcast from 2BL, a lady visited the studio a few days ago and was told by Uncle Bas how the musical items managed to reach Australia. One thing she could not grasp—and her reasoning was this—"It takes a little over a month for a ship to reach Australia from England, then how is it that wireless only takes three days?" She was astounded when Uncle Bas explained the sound waves were converted into ether waves, which reach Australia in a fraction of a second, and which, in one complete second, could travel seven times round the world.

THE NEXT RACE MEETING to be held on June 9th at Randwick will be broadcast by 2BL. Cliff Dexter, the well known racing journalist, will deliver the descriptions.

UNCLE PETER of 2BL is in difficulty. Will some reader kindly help him out? A number of Scotch and Irish children, who recently landed in Australia, asked him to speak to them in their native tongue. All endeavour to find text books on "The Scottish Language" have so far failed —and what with Bringa trying so vainly to teach Uncle Peter the art of speaking Aboriginal, Uncle has become somewhat tied in a knot. Can any reader tell him if the word "dingo" is Scottish humor for "drink," or is it Irish for "door bell"?

A SPECIAL Scottish programme is to be transmitted. from Auburn by 2BL on the 9th June.

AMONG THE New Bands which will shortly appear from 2BL, are the Mosman Municipal Band, Sweetacres Band, Leichhardt District Band, and the Ashfield Band. The latter will broadcast weekly.

CARILLON BROADCASTS are still exciting the comment of critics and listeners. It is worth while noting that whilst newspaper critics say that the Carillon itself cannot be heard clearly ten yards away, many listeners write from all over Australia and New Zealand stressing the fact that on three and five valve sets, volume is great enough to be heard a mile away!

The Women's Session

(Conducted by Dorothy Jordan, 2BL)

COOKING DRIED FRUITS: A writer calling himself "a mere man" asks for a recipe for making jam from dried fruits. This recipe, which is a seasonable one, was sent to him.

1-lb. of dried apricots, 3 pints of water, 3-lb. of sugar. Wash the fruit free from dust. Then soak for ten minutes in boiling water to remove the sulphur fumes. Throw this water away, and soak fruit in the 3 pints of water (boiling) over night. Next day put fruit on to boil for 20 minutes, then add sugar and boil for a further 30 minutes. Do not stir much, only sufficient to keep from burning. The addition of a few bitter almonds is an improvement.

Peach jam may be made the same way.

1-lb. of dried fruit represents 7-lb. of fresh fruit.

Dried fruits (including lexias, sultanas and currants) are graded before packing. Fleshiness, texture, color and size, are taken into account and only the choicest fruit is used.

Cooked dried fruits are excellent for open tarts and pies, and are useful and economical when the fresh fruit is not in season.

CHOKO PEARS: Peel and seed chokos and slice as pears, put into saucepan with sufficient water to cover well, and boil for ten minutes, then add two cut and peeled pears. Add sugar to taste and when cooked sufficiently let cool and add a few drops of vanilla and cochineal.

THE BACKWARD CHILD: Miss Marva Temple will commence a series of talks on the Backward Child on Wednesday, at 11.30 a.m.

Miss Temple's life has been spent in an atmosphere of schools and colleges. She is an Oxford Senior, has diplomas from the Institut Rosseau (Geneva) and from Nancy University Alliance Francaise). Whilst in Nancy Miss Temple studied under Dr. Coue.

At the Institute Rosseau Miss Temple attended the special classes conducted for backward and mentally defective children by Alice Descoeudres, one of the world-wide authorities on this work. After leaving Geneva Miss Temple went to France, and then came later to Australia.

THE STAMMERING CHILD: Miss Temple will give a special talk on Child Psychology, Child Hygiene, and the latest methods of training and teaching the Stammering Child.

RESPONSIBILITY TOWARD THE CHILD: On Friday afternoon at 3.30 Mr. Ross Douglas will commence a series of Talks on the Child Welfare Movement from a Legal Standpoint. He will give an historical survey of the national viewpoint with regard to children, and the gradual recognition of the fact that the State has a definite duty and responsibility towards every potential citizen born into it.

Listeners are invited to write in and ask for any information on these subjects.

3LO Melbourne

Choral Music—Boys' Band—Sonora Concerts

THE COBURG BAND has been engaged to broadcast from 3LO on Wednesday night, June 13th.

THE MORNING service, at St. Paul's Cathedral, on Sunday, June 10th, will be broadcast through 3LO. The beautiful choral singing is always a feature of these services, and the sermon, too, is well worth tuning in for.

LOVERS OF choral music are always glad of the announcement that the Melbourne Choral Union is to broadcast from 3LO. The choral singers will be on the air from this station on Wednesday night, June 13th.

THE POPULAR entertainers, Rupert Hazell and Elsie Day, will reappear at 3LO on Monday afternoon, June 11th, when they will amuse listeners with their clever songs and patter. They are firm favorites with all 3LO listeners, who will welcome this announcement.

EVERYONE KNOWS what fine work the Alfred Hospital auxiliaries do—that is, in a general way. But the work of the auxiliaries is even greater than most people think, and the secretary of these organisations (Mr. C. W. Danvers Walker) will tell listeners all about it when he speaks from 3LO, at 11.5 a.m., on Friday, June 15th. It will be during the Women's Hour—3LO's popular feature—that Mr. Walker will talk, and all charity workers will be interested to hear what he has to say.

MUCH INTEREST is being created among listeners to 3LO by the Scout Camp Fire Concert Competition, which is revealing an astonishing amount of unsuspected talent, histrionic, vocal, and instrumental, among the young folks. Many of the programmes arranged by the troops have risen to a high standard of excellence, clever novelties have been introduced, and the camp fire concerts serve to show how admirably and harmoniously scouts and leaders pull together to achieve success. With so many excellent programmes to choose from, it is anticipated that the adjudicators will have a task before them to select the winner, but, to the majority of the youngsters, the pleasure of broadcasting from "3LO, Melbourne," will be sufficient reward.

AN ORGAN recital, at St. Peter's Church, given by Mr. C. E. Monteath, will be broadcast through 3LO on Monday, June 11th.

RESULTS OF the Victorian Railways Institute boxing and wrestling tournaments will be broadcast from 3LO, Melbourne, at 11 p.m. on Tuesday and Friday, June 12th and 15th.

SO POPULAR has community singing become with listeners that 3LO has decided upon a new departure—that is, community singing at night, from the studio. The first session will be held on Friday night, June 15th.

JOHNSTON'S STUDIO Boys' Band will broadcast a programme of selections from 3LO on Wednesday. They will appear several times during the afternoon and evening sessions, and promise music-lovers something new.

THE BASEBALL game, between South Melbourne and Collingwood, at South Melbourne, on Saturday June 16th, will be described in full by 3LO's baseball expert, Percy Steele, and all baseball enthusiasts should make a point of listening in.

ON JUNE 11, there is to be a studio performance of Lionel Monckton's tuneful musical comedy, "Our Miss Gibbs," which is one of the few musical plays of "yesterday," whose popularity has not diminished with the passing years. The familiar melodies, "Mary" and "They Never Do That in Yorkshire," will doubtless revive pleasant memories to many listeners, as they are played with artistic finish by the station orchestra.

FEW PEOPLE are more welcome during the Children's Hour, from 3LO, than William Tainch, who, with his splendid collection of stories and folk lore, culled from the old Scottish and Irish literature, makes a wide appeal to the imaginative juvenile mind. Not only are the ancient Celtic Legends a delightful form of entertainment for children, but they have a distinct historical and educational value, and thus, while the children are being amused, they are, at the same time, receiving some very sound instruction.

3LO WILL broadcast the results of the pony races, at Richmond, on Monday, June 11th.

BOBBY PEARCE, the gifted baritone, will sing from 3LO on Monday afternoon, June 11th, and on subsequent programmes during the current week.

SPEAKING FROM 3LO, at 11.45 a.m. on Tuesday, June 12th, the secretary of the Austin Hospital for Chronic Diseases (Mr. W. J. G. Turner) will tell listeners all about the operations of this fine institution. It should be a most instructive and enlightening talk.

THE SUNDAY afternoon Sonora concerts have become one of the most popular features at 3LO. The concert set down for Sunday, June 10th, will be no exception. A fine programme of the latest vocal and instrumental hits, ranging from jazz to opera, will be put on the air.

THE INTER-STATE football match, between Victoria and New South Wales, on the M.C.C. Oval, on Saturday, June 16th, will provide football enthusiasts with an interesting game. Rod MacGregor, the 3LO football expert, will broadcast an account of the game, and all those who cannot attend it, should not fail to listen in.

A NEW FEATURE of the programme at 3LO is the broadcasting of the weekly progress totals in the Burnley egg-laying competition. It was not until a number of letters had been received at the studio that the great interest in the competitions was realised. In a letter from Castlemaine, Mr. M. T. Kidd, the proprietor of "The Wattles" Poultry Farm, wrote that there is a great deal of interest in the competition in the country districts, and that a group of those interested had asked him to write and thank 3LO for keeping them posted with the totals. Fowls are sent to Burnley from very remote country districts, but, with the assistance of wireless, the owners of birds engaged at the competition are enabled to learn, very soon after the totals are available, just how their birds are faring.

DURING THE WEEK, beginning Monday, June 11th, the great Russian tenor, Senia Chostiakoff, will broadcast from 3LO. The station secured an undoubted artist when it engaged Senia Chostiakoff, as the scores of letters of appreciation testify. He is an attraction wherever he goes, and his voice seems particularly adapted for wireless broadcasting.

ON MONDAY, June 11th, listeners will enjoy a musical treat, when the Choir Boys from St. Mark's, Fitzroy, are to broadcast from 3LO, under the direction of Rev. R. G. Nicholl. The programme, which will be broadcast during the Children's Hour, will consist of anthems, glees and part songs, with solos and duets, and, as the Choir is said to have some exceptionally good sopranos, their contribution to the programme should be of more than passing interest. It may be mentioned that the singing of this Choir has done much to forward the mission work in Fitzroy, and this will be an excellent opportunity for country listeners to hear some really first-class vocal work from the boys of one of our industrial suburbs.

MISS FRANCES FRASER, the gifted speaker, will talk from 3LO on Friday, June 15th, at 3.40 p.m., on the subject of Empire Shires, dealing more particularly with York. The station orchestra will play appropriate music during the talk, and this should make it additionally interesting.

ON JUNE 12th, one of the cheery "Old Time Nights" is being arranged at 3LO, and, in addition to the old-time dances, with Hoffman's Band in attendance, we will have the services of the popular artists who usually assist with the programme on these occasions, Syd. Exton, Madeline Knight, and Wrenn Miller, who will lead the community singing of the old-time choruses. These "Old-Time Nights" are extremely popular with country listeners, who make these occasions regular features at their local halls, where dances are held. Loud-speakers are used to broadcast the excellent music provided by the band, to say nothing of the services of the M.C., who carries out his duties with true old-time courtesy and exactness.

3LO'S PART in the weekly community singing session, at the Assembly Hall, Collins Street, is recognised as a big reason for their popularity. The session to be broadcast by 3LO on Monday, June 11th, at 12.15 p.m., promises to be unusually good. Assisting the singers will be the popular Gypsy Players, Senia Chostiakoff, the noted Russian tenor, and Miss Isobel Biddell, the well-known contralto. Senia Chostiakoff himself is always an attraction, and earned fame as a soloist in the Don Cossack choir, and more recently for his singing in the prologue to "The Volga Boatman," at the Capitol Theatre. Listeners should not miss this treat.

AN INTERESTING feature which has lately been introduced into the programme at 3LO, occurs during the evening session, at 8 o'clock, when, under the heading of "Out of the Past," an incident of the Great War, is recalled, accompanied by a vivid little word picture, describing an important event that happened on this date.

The 3LO Station Orchestra.

Movie Club News

WANTED—(and there's a big reward), kiddies to represent "Our Gang" at the Movie Ball to be held at the Palais Royal on June 26th, 1928. On Saturday, June 16th, a competition will be conducted at Mark Foys, which will be open to members under the age of 16, in order to select ten children to represent the ten members of the "Our Gang" set, not to forget the dog, "Buster." All entries will close on Friday, June 15th, and on June 16th, all children will assemble in order that judging and final eliminating may take place. During the procedure, a cinematograph film will be taken for distribution throughout Australia. The "Our Gang" costumes will be made by Mark Foys, and can be seen in their windows together with the prizes for the winners. Each applicant should state which charatcer out of the following he or she would like to take—Joe Cobb, the fat boy; Bobbie Dean, the fatter boy; Farina, the coloured comedian, and Mango, his small sister; Wheezer, the tease of the Gang, whose real name is Barney Oldfield; Jay Smith, the world's youngest inventor; Freckles, the freckled genius of "Our Gang"; Jean Darling, the sweetheart of them all; Mary Ann Jackson; Jackie Condon, the professional daredevil (who looks it); and last but not least, Buster, the dog. Each child will be provided with a scooter.

Photographs may be procured from the Radio Movie Club, 160 Castlereagh Street, Sydney, for 1/6 each.

On Saturday, June 23rd, the winners will appear in costume at Uncle George's Radio Party.

REPLIES TO QUERIES. G. E. Haberfield, wants to know how to become an actor on the movies. This is not so easy as it looks—it is very hard to become a real movie star. It would be necessary for you to go to America, and start from the bottom of the ladder, and work your way up, as other stars have done. The way would be slow and hard. Keep on with your violin, and if of the same mind in two or three years' time, let us know. A.E., Five Dock, asks for the age of Mary Pickford. She was born on April 8th, 1893, at Toronto, Canada. J.B., Glebe, writes, "What are the ages of Joan Crawford, Greta Garbo, and Clara Bow"? Their ages are 21, 23 and 23 respectively. None of them are married. N.W., Five Dock, wishes to know if Phillis Gibbs is a movie star. As far as we are aware, Miss Gibbs has no idea of commencing a screen career. J.B., Cre- [illegible] asks for something about Aileen Pringle. Well, Miss Pringle was born at San Francisco, and is married to Sir Charles M. Pringle. Her first role was in Elinor Glynn's "Three Weeks," and later was a success playing opposite Lew Cody. She is 5ft. 4in. tall, weighs 119 pounds, has dark hair, and grey-green eyes. M.P., Waverley, asks: "How many pictures with an Australian setting have been made in Hollywood?" Only one has been made under these conditions, Mabel, this being Tim McCoy's latest picture. The story, which is entitled "The Ranger," was written by an Australian, and Marion Douglas, whose bona-fide is Ena Gregory of Manly, is in the picture together with Miss Dale Austin, known better as Miss New Zealand, who plays the lead.

PROGRAMMES, from Friday, June 8th, to Thursday, June 14th, which are to be broadcast from 2GB:—Friday, June 8th, Trackless Train News, Cookery Hints, by Marie Dressler, Movie Know-All, Radio Movie Club; Saturday, June 9th, Trackless Train News, Radio Movie Club, Grand Gathering, A Message from your favorite Star; Monday, June 11th, Trackless Train News, The Navy of M.G.M., Movie Know-All, Radio Movie Club; Tuesday, June 12th, Trackless Train News, The Psychology of Clothes, by M.G.M., Movie Know-All, Radio Movie Club News; Wednesday, June 13th, Trackless Train News, Power in Motion Picture Entertainment, Movie Know-All, Radio Movie Club, and Competition Corner; Thursday, June 14th, Trackless Train News, Story Architecture and the Picture, Movie Know-All, Radio Movie Club News.

COMPETITION WINNERS for the "Five Questions Competition," held on May 23rd, were: Miss N. Allan, Rozelle; E. Curtis, Harris Park; John McCloud, Richmond, Vic.; Marion Jackson, Toowoomba, Q.; Mary Miles, Leichhardt; Conway McNeil, Petersham; Margaret Harris, Marrickville; Gloria Foster, North Sydney; Hazel McCron, Marrickville; and Una King, Rose Bay. The answers were as follows:—(1) "Tell it to the Marines" (2) Short essay, of not more than 50 words, on Tim McCoy's Pictures; (3) Clarence Brown, Director, (a) Kiki, (b) The Eagle, (c) The Goose Woman, and others; (4) Alice Day, John Barrymore, Tom and Matt Moore; (5) Ben Hur. The prize of an autographed photo. of Ramon Novarro has been forwarded to each of the winners named above.

THE NEXT TWENTY members on the Radio Movie Club rolls are: Una Mitchell, Keith Warland, Nell Allan, Beryl Byron, Joyce Loader, Elsie Loader, Olive Loader, William Loader, Thelma Thompson, Beryl Edwards, Betty Wooding, Teddy Wooding, Jean Wooding, Noela Thomas, Joyce Sharman, George Appleton, Marjorie Gardner, Nellie Sundstrom Kathleen Town, and James Bede White.

The Advantage of Co-ordination

WITHIN four days of 3LO'S representative, Mr. C. M. Hosking, assuming control of 5CL's Studio, a fire occurred, which completely destroyed the studio and office, which were attached. The fire occurred at half-past eleven, on the night of May 27, but Mr. Hosking made arrangements for the station to work on May 28, as usual. By 7.45 a.m., a gramophone had been installed at the broadcasting station, and a programme was broadcast, to take the place of the ordinary breakfast hour session.

When word was received in Melbourne of the fire, negotiations were opened with the Postmaster-General's Department for the use of a telephone line, until such time as a permanent arrangement could be made in Adelaide for the broadcasting of the programmes arranged by that studio.

The Postmaster-General's Department made available a line as from 8 o'clock on the night of May 28, and a temporary service has been arranged for 5CL, who will broadcast 3LO's programme. The programme from 3LO's studio will be sent by land line to Adelaide, where it will be broadcast on 5CL's wave-length, and listeners in South Australia will not find it necessary to improve their sets in the meantime to enable them to hear inter-State stations.

The promptness with which Mr. Hosking dealt with the situation was greatly appreciated by listeners in South Australia. Spare equipment was forwarded from Melbourne, less than 24 hours after the fire, and was installed in the temporary studio. Within 48 hours, a normal service was resumed.

IT MAY BE remembered that 2BL recently conducted a series of tests with four microphones placed adjacent to the carillon. Listeners were asked to advise 2BL which microphone they thought gave better reproduction. Many replies were received from all parts of Australia and New Zealand, and by a large majority microphone number two held first place, the other microphones either accenting the higher or the lower frequencies. It is interesting to note here, that the winning position is exactly that which was used by the engineers of 2BL when the carillon was first broadcast, and great credit is due to Mr. Ray Allsop for his foresight.

In 2 Hours You Can Build The Economic B'liminator

The Economic B'Liminator Kit.

Eliminates B. Batteries, and furnishes ample current from the lamp socket for sets up to 5 valves. No Trouble. No Hum.

Complete Set Parts with diagram *66/-*

FREE

In order to further encourage every radio experimenter to build the Economic B'Liminator, we are giving away for a short period, with every complete kit:—

1 "Little Bill" Hand Drill 3/6
1 Soldering Set ..... 1/6 } *FREE*

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1 2in. Radion Former, 4in. long	0	2	8
1 ¼-lb. Reel 24 D.C.C. Wire	0	1	3
2 Quaker S.L.F. Condensers, .0005, 9/6	0	19	0
2 B.M.S. Bakelite Vernier Dials, 6/6	0	13	0
1 250 Turn Honeycomb Coil	0	3	3
1 Plug for Same	0	0	6
1 Mica Grid Condenser, .00025	0	1	6
1 Philmore 2 Meg. Leak and Holder	0	2	0
1 100,000 ohm. Resistor	0	1	6
1 Leak Holder	0	1	0
2 High-grade .006 Condensers	0	9	0
2 Mica Condensers, .001—.0005	0	3	0
2 Philmore Midget Condensers, 4/3	0	8	6
2 Crescent Transformers, 13/6	1	7	0
1 30 ohm. Rheostat Super	0	2	6
4 Brachstats to Suit, at 4/9	0	7	0
1 Battery Switch, B.M.S.	0	1	6
10 Engraved Terminals, 3d.	0	2	6
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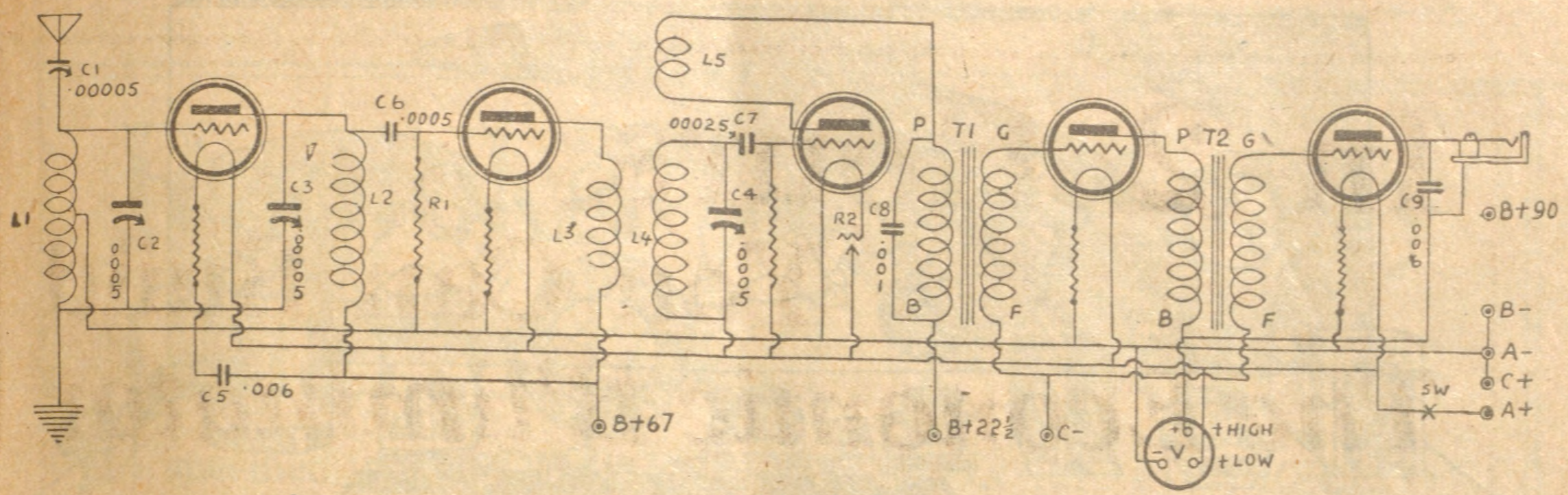


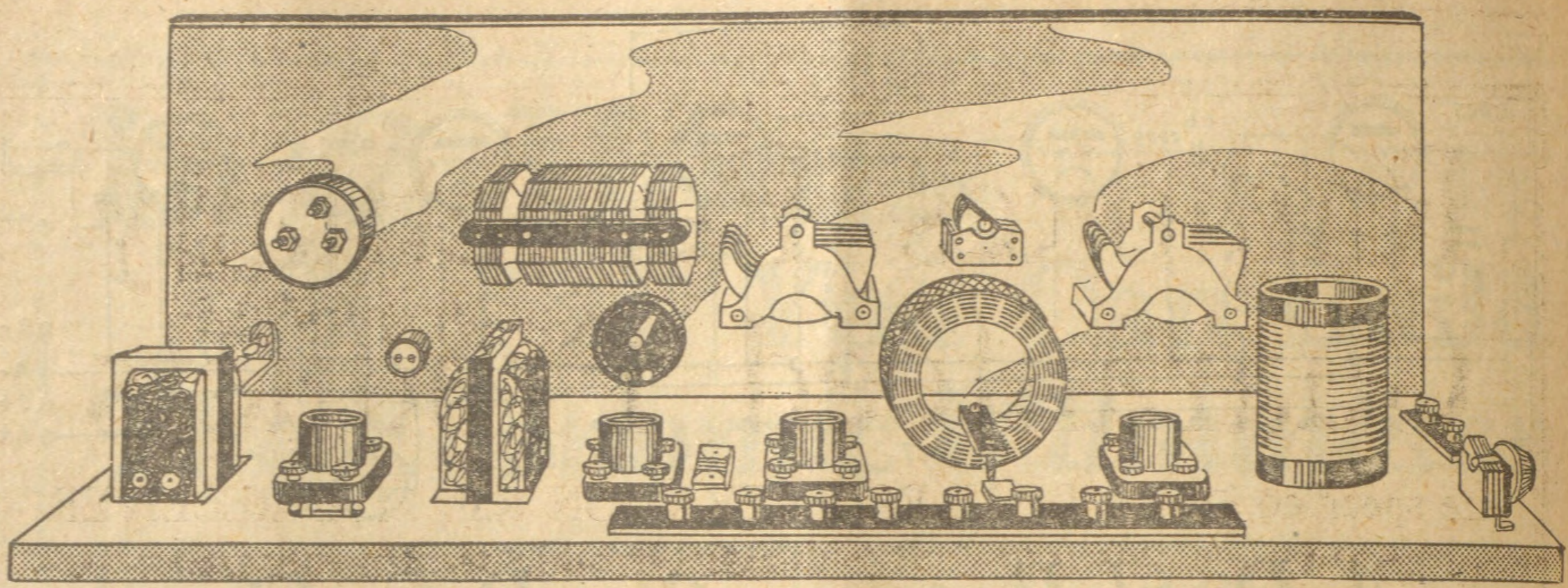
A Dual Regenerative R.F. Five

DUAL regeneration has been the subject of keen experimentation in by-gone days and in many instances was highly successful. It is feasible to combine R.F. amplification with dual regeneration, with results which are at least equal to neutralised R.F. amplification followed by a regenerative detector. Most of the descriptions of circuits and receivers described in "Wireless Weekly" have been what may be termed in the "Old Reliable" class. That is to say, that the details of a much-tried and well-known type of receiver are given to readers for their benefit, to enable them to construct them with a minimum of cost and trouble. These descriptions vary from the crystal to the multi-valve, set, it being necessary to cater for the requirements of all. The "Stunt" circuit experimenter usually glances at these articles and turns his attention to some other source of supply. There is no doubt that the fascination of trying out new ideas, which may or may not be concrete, is a real one. "Wireless Weekly" does not place incomprehensible circuits before its readers, and leave them in doubt as to the possibility and operation thereof. The science of wireless communication, telegraphy or telephony, would remain in a "cul-de-sac" if someone did not devote their energies to the exploitation of new ideas. In some cases, a new idea is germinated from an old application. We have evidence of this in many ways. Even the much despised variometer may be pressed into service in modern circuits, the crystal detector is given a new lease of life (for instance, in the Gloom-chaser Five), and even the old honeycomb coil may be required for use, as a "quenching" coil in a super-regenerative layout, or as a radio frequency choke. The last comparatively antiquated component is used in the circuit around which this article is written as a radio frequency choke. Many other forms of chokes would satisfy the need, but there are sure to be hosts of readers who are wondering what to do with their discarded, long-wave, plug-in coils! Regeneration in an R.F. stage has previously been described in "The City Man's Four," which confined the regeneration to the R.F. stage alone. That circuit has been found very efficient by most who constructed the set, and one outstanding feature was the constancy of the oscillation control. This could only be obtained in the manner indicated by using the detector immediately behind the single R.F. stage without regeneration on the detector itself. If the detector is supplied with some form of independent oscillation control, preceded by a stage of regenerative R.F. amplification, it is obvious that adjustments can be made which will result in greater amplification than is usually possible before the audio amplifier. It is well known that a non-regenerative single valve circuit is less sensitive than the old P1. The application of regeneration not only produces a high degree of "self amplification," but renders the circuit much more selective. The combination, then, of a stage of regenerative detection, with a regenerative R.F. amplifier followed by a suitable audio amplifier will result in a circuit from which a powerful and selective receiver may be evolved. The theoretical circuit of the Dual Regenerative R.F. Five will show exactly how this is accomplished and will no doubt immediately appeal to those who "tinker with coils and condensers for the love of the pastime." It consists of two stages of radio frequency amplification; detector, and two audio stages. The first R.F. stage has provision for an oscillation control through the ne-

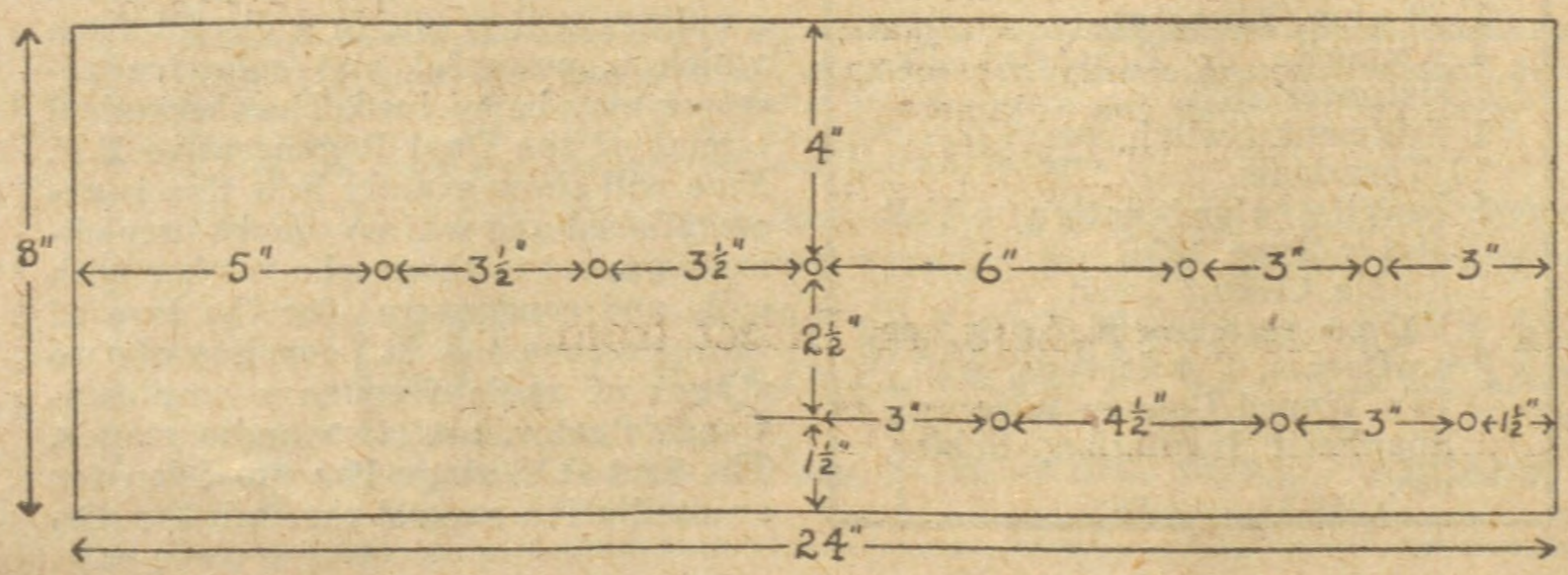
LIST OF PARTS FOR A DUAL REGENERATIVE RF FIVE.

Although the parts listed below and mentioned throughout the articles were those actually used by us in the receiver described, it must be pointed out that it is not absolutely essential that they be rigidly adhered to.
Other parts of similar quality and technical values should function quite satisfactorily.

1 Dilecto Bakelite or hard rubber panel, 24 x 8 x 3-16in.
1 Baseboard, 23½ x 9 x ½in.
1 Radiokes Standard 3 Circuit Tuner or 180 degrees coupler.
1 2in. Bakelite Former, 3½in. long.
1 Small Reel 24 D.S.C. Copper Wire.
2 Emmco or Advance .0005 S.L.F. Variable Condensers.
2 Emmco Vernier De Luxe Dials.
1 250 to 300 Turn Honeycomb Coil, with Plug Mountings.
1 .00025 Grid Condenser.
1 2 meg. Grid Leak, with Clips.
1 100,000 ohm. Resistance, with Clips.
2 .006 Fixed Condensers, T.C.C.
1 .0005 Fixed Condenser.
1 .001 Fixed Condenser.
2 .00005 Midget Variable Condensers.
2 Intervalve Transformers, 5 to 1 and 3½ to 1 ratio.
1 30 ohm. Rheostat.
4 Amperite or Brachstat Resistances.
1 Filament Switch.
10 Terminals.
1 Jewell Combination Volt Meter Type 135B.
1 Single Circuit Jack.
Valves recommended, Cossor or Osram, 6 volt type.
16's Tinned Copper Wire.
Spaghetti Insulation, Solder, etc.



dium of an inclusive midget variable condenser, having a maximum capacity of 50 micro-microfarads or .00005 mfd. At first glance, this may appear to be arranged in the form of a neutralising condenser, but this is not the case, as it is found that if the condenser is removed from the circuit, the R.F. valves do not oscillate. The reason for this is very apparent in the method of using the 2nd R.F. stage. This second stage is untuned, and has a coupling consisting of a .0005 fixed condenser between the plate of the first valve and the grid of the second with a choke consisting of a 250 to 300 turn honeycomb coil, connected between the plate of the first valve and the plate supply from the B battery. A resistance of 100,000 ohms. is shunted between the grid of the second valve and the A positive supply. This form of coupling has an effective blocking action and completely reduces the possibility of self oscillation to a minimum. In this way, the midget variable condenser becomes a true regeneration control device for the first R.F. stage; and in conjunction with the variable "tickler" in the plate circuit of the detector, enables an exactness of tuning and overall R.F. amplification which is a much more powerful impulse to the audio amplifier than is usually the case with a single stage of neutralised R.F. The aerial has in series a midget variable condenser also of .00005 mfd. capacity as a further aid to selectivity. A separate diagram showing how a variometer may be used alternatively in place of the aerial coil is given. This application is particularly interesting, as there are many who are sure to have on hand a discarded variometer wound for the broadcast band of wavelengths. If the variometer is used for the aerial circuit, the first variable tuning condenser is, of course, omitted, and it will be found that for the higher end of the wavelength band, the regulation of the variometer will be at maximum, and when set for minimum inductance for the lower waves, the regeneration is automatically reduced. This means that regeneration in the first valve increases or decreases inversely with the frequency, which is just what is required. Normally, the centre-tapped aerial coil is used, and it is advisable for those who build this circuit to commence with this, and become familiar with the variometer action later. The aerial coil may be any reasonably low-loss coil which will cover the broadcast band with a .0005 variable condenser. It should be tapped at the centre. Instructions for the building of this are given. Obtain a Bakelite former 2in. in diameter and wind this with 90 turns of No. 24 D.S.C. copper wire, taking a tapping at the 45th turn. The length of the former should be about 3½in. The coils L3, L4, and L5 in the detector circuit may consist of any three circuit vario-coupler which will cover the broadcast band when tuned with a .0005 variable condenser. The Radiokes 180 degree coupler or standard three circuit tuner are both suitable, and the latter type probably more so, on account of the variable primary coupling. Radiokes also have in stock suitable aerial coils for this circuit, for those who prefer to purchase. The construction of a three circuit vario-coupler nowadays is not really worth the trouble, as such components may be obtained from your dealer at a price which ie very little above the cost of making them yourself. All the valves in the circuit excepting the detector are arranged for automotive filament control by means of Amperite or Brachstat resisters. The detector filament is controlled by means of a 30 ohm. variable rheostat, shunted between the B positive plate supply for the two R.F. valves and the A negative is a by-pass condenser of .006 mfd. capacity marked C5. The grid condenser, C7, for the detector has the usual capacity of .00025 mfd., but the grid leak is connected between the gird and the A positive supply. The inter-valve transformers should be of good quality, and of 5 to 1 and 3½ to 1 ratio. The 5 to 1 ratio transformer for the first audio stage has a .001 by-pass condenser shunted across the primary in order to facilitate oscillation control of the detector circuit. The single circuit jack used for the output from the receiver is also by-passed by a .006 fixed condenser. It is often of extreme value in a multi-valve circuit to have some means of indication as to the condition of the A and B battery relative to voltage. This receiver shows incorporated a Jewell combination volt meter of the type 135B. This is a very compact instrument and well worth inclusion. The method of mounting comprises the cutting of a two-inch hole in the panel, and the fixing of the meter by means of the detachable casing. This mounts the meter flush with the front



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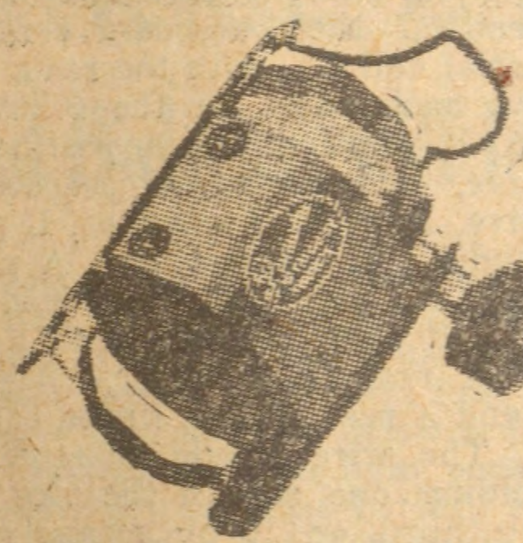

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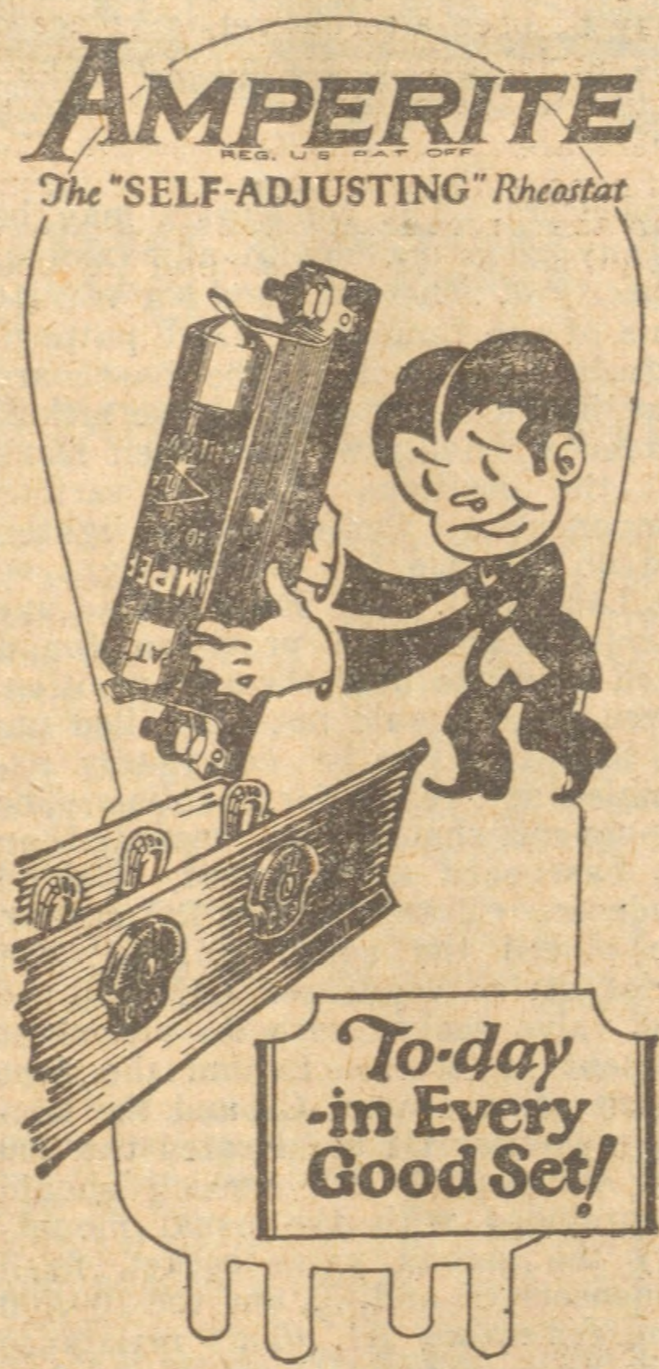

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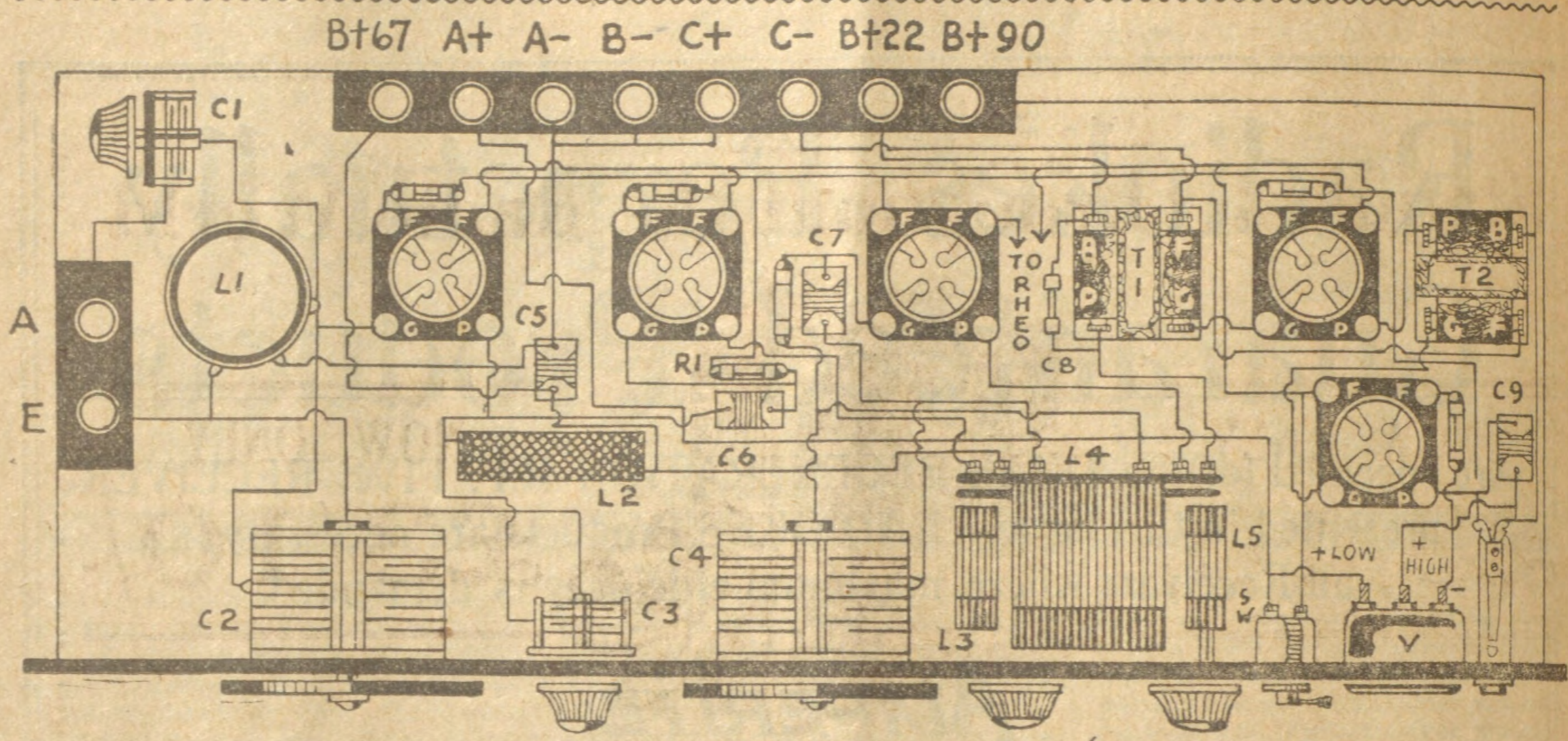
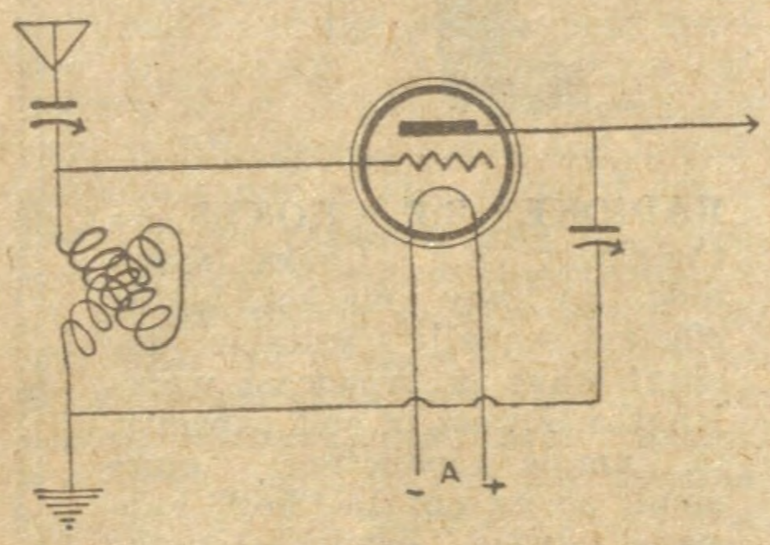
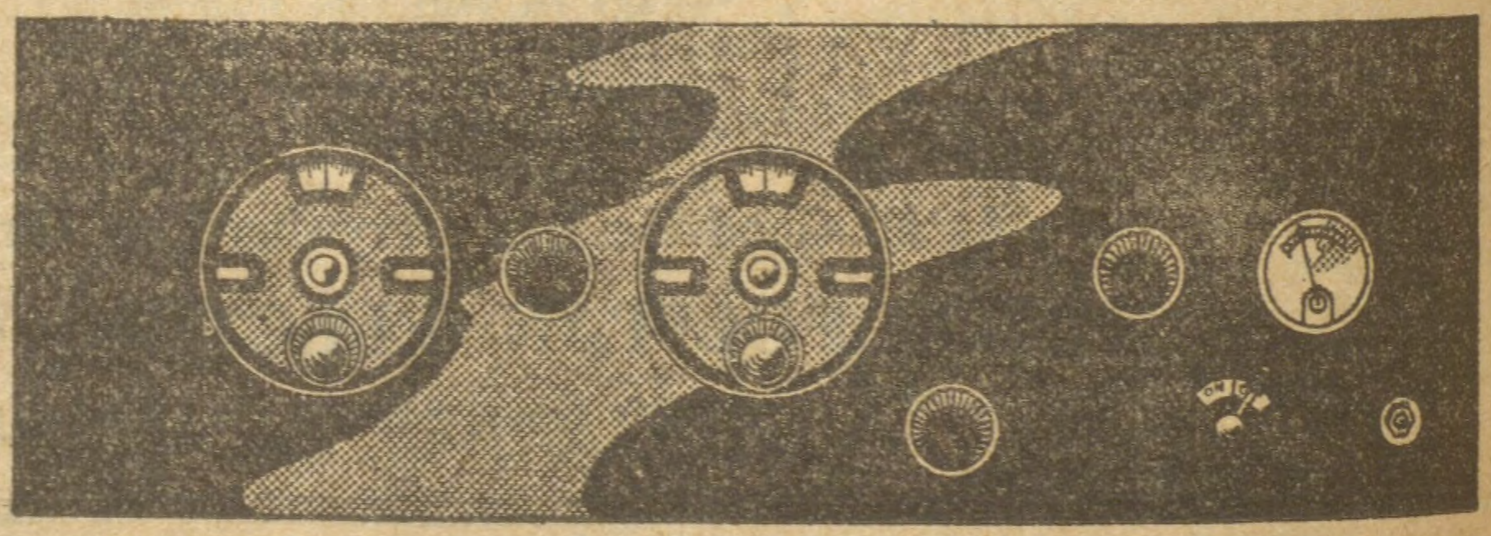


of the panel. The connections consist of a common negative and a high and a low positive. It should be noted that the A negative and B negative should be connected together in any circuit making use of this meter. A small push button at the top of the dial provides for either instant reading of the A or B battery voltages. These meters are obtainable from Stromberg, Carlson, Ltd., Berk House,



72-76 William-street, Sydney. The negative terminal at the back is connected directly to the A negative, B negative supply with the low positive to the A positive supply and the high positive to the output or B positive maximum. The meter reads 0 to 7 for the A, and 0 to 150 for the B. A panel is required measuring 24in. x 8in., with a baseboard 23½in. x 9in. The tuning controls and the volt meter are arranged as symmetrically as possible on the front of the panel with the two regeneration controls in between. The variable rheostat controlling the detector, and the filament switch and single circuit jack are arranged at the base of the panel close to the baseboard. The measurements for the drilling are given in the template diagram. This circuit will be found so sharp in tuning that it is imperative to use a vernier control with straight line frequency variable condensers. The condensers may be of any good make with a maximum capacity of .0005 mfd. and the vernier dials of the Emmco De Luxe pattern. Attach the panel to the baseboard first, by means of four or five nickel-headed wood screws, and then mark out the positions for the various components. Centre punch lightly, and do not use too much weight on the hand drill. The Emmco De Luxe Vernier dials have provision for a catch screw to hold them in position. These holes should not be drilled until the receiver is completely assembled and ready for the dials. The component should be mounted on the baseboard as indicated. Behind condenser C2 tuning the RF stages, are placed the aerial coil L1, the aerial series condenser C1, and the first valve socket with its attendant filament resistor. Behind the first regeneration control C3 and the tuning condenser C4 are located the 300 turn honeycomb coil (which should be provided with the usual mounting) the second valve socket, fixed condensers C5 and C6, and the 100,000 ohm. resistance R1. This resistance must be mounted by means of clips. The rest of the baseboard holds the 3 valve sockets for the detector and two audio stages with the two inter-valve transformers, grid leak and condenser, etc. Ten terminals are necessary for aerial and earth, and battery connections. The aerial and earth terminals are arranged on the left end of the baseboard close to the aerial coil L1, with the remainder on the back edge, in the following order. B positive RF, A positive, A negative, B negative, C positive, C negative, B positive detector, B positive audio. The B negative, A negative and C positive are joined together. Provide yourself with a few sticks of resin core solder, soldering iron, and a reel of 16's tinned copper wire. The wire should be stretched by holding one end in the vice and pulling hard on it by means of a pair of flat nosed pliers. It is best to cut the wire into lengths of about 3 feet after it has been stretched. "Spaghetti" insulation is invaluable in the wiring of many circuits not only from the safety point of view, but from that of appearance. Starting with the A positive terminal on the back of the baseboard, run a wire to one side of the filament switch and from the other side of this switch, to the positive filament terminal of the last two valve sockets, and one side of the variable rheostat R2. Continue from here to the positive filament terminals of the first two valve sockets. The rotor plates and one end of coil L4 are connected to this supply, together with one side of the grid leak, which may be of any value from 2 to 8



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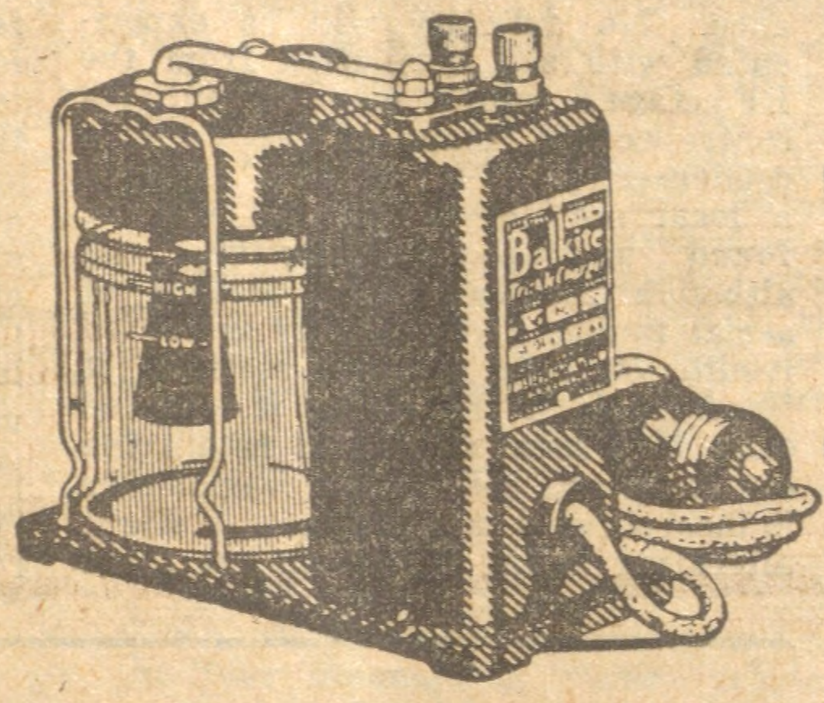

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megohms to suit whichever detector valve is used. The A negative, B negative and C positive terminals on the baseboard are joined together and a lead taken from here to the negative filament terminal of the detector valve socket and one side of each automatic filament resistor controlling the RF and audio valves. The other side of each resistor connects in turn to the A negative terminal of its respective valve socket. One side of the 100,000 ohm fixed resistance R1 is also connected to the A negative. Continuing from the negative filament terminal of the first valve socket a connection is taken to the centre-tapping of the aerial coil L1. One side of this coil is connected to the rotor plates of the aerial series condenser to the aerial, and also to the stator plates of condenser C2 and the grid of the first valve. The other end of the coil is connected to the earth and to the rotor plates of the tuning condenser C2 in common with the rotor plate of the regeneration condenser C3. A lead is taken from the plate of the first valve to the stator plates of this regeneration condenser, and also to one side of the honeycomb coil L2 and the .0005 coupling condenser C6, the other side of this being connected to the grid of the second valve and the other side of R1. The plate of the second RF valve is wired through the primary of the three circuit vario coupler to the B positive RF supply, which is also common with the other side of the honeycomb coil L2. The by-pass condenser C5 is then shunted across from the centre tap of the aerial coil to this B positive supply. The stator plates of the tuning condenser C4 are connected in the usual way to the grid condenser C7, thence to the grid of the detector valve with the tickler coil wired from the plate of the detector valve, through the primary of the first intervalve transformer, which is shunted by the .001 fixed condenser C8. The secondaries of the two inter-valve transformers are connected together for a common negative bias, which is connected to the C negative terminal. Join terminal B of the second inter-valve transformer to the B positive maximum supply for the amplifier and from here through the single circuit jack to the plate of the last valve. The jack is shunted by the .006 by-pass condenser C9. The remaining connections comprise the wiring of the Jewell volt meter. The question of valves will rest with the choice of the constructor, as there are many types which are suitable for use in this circuit. Cossor and Osram valves of the 6 volt type were tried and both found capable of excellent performance. The tuning will be found very sharp and the vernier dials essential for ease of control. First put the detector circuit into oscillation by rotating the tickler coil and finding the carrier wave of a station. Alter the capacity of the condenser C2, backward and forward to find the point of RF resonance, and then reduce the tickler setting until oscillation ceases. Alter the setting of the RF regeneration control C3 until the maximum volume is obtainable from the two circuits in resonance. No difficulty will be experienced with self oscillation from the RF stages, which may be entirely controlled by means of the variable condenser, C3. In an area close to a local station, the circuit will be found particularly selective, and although the variometer method of aerial tuning gives slightly increased results on long distance stations, it is advisable if the reader is situated close to a local station to retain the centre-tapped coil. If the variometer is incorporated this will mean a slight alteration in the layout on the front of the panel, as a dial will be necessary for this control. Inter-State stations may be received comfortably at good loud speaker volume with this circuit. In conclusion, it is important for calibration purposes, that the number of turns on coil L4 in the detector circuit should match the turns on coil L1, in order to synchronise the dial settings. The interesting feature of the circuit operation is that stations at the higher end of the wave-band, such as 2FC and 5CL, may be brought in with greater volume and more selectivity if the capacity of C3 is increased as the frequency decreases. At the lower end of the band, C3 may be set against oscillation and left entirely alone. The midget variable condenser in the aerial lead should be adjusted for selectivity according to the location in which the receiver is used.

More Studio News

DOUGLAS HASLAM, with the aid of his assistant "Broncho," has been amusing listeners to 2UE for some time with his feats of ventriloquism. He may be heard from 2UE any Thursday evening.

HEALTH TALKS seem to engage the attention of most listeners, particularly in these days of wet and cold. Owing to this fact, listeners will be pleased to hear that Mr. Charles Allingham is to give a series of Health Talks each evening from 2UE.

MR. J. K. POWELL has commenced a series of studio talks from 2UW. These take place every Wednesday evening. Mr. Powell's motto is "Don't look down on things," and listeners are writing to him in vast numbers, for his heart to heart chats are most convincing.

THE ANNUAL Artists' Ball is undoubtedly one of the big events of the Sydney season, and judging by the preparations going on at present, the 1928 Ball, known as the "Mad Hatters' Ball" this year, bids fair to outrival its predecessors. "Mad Hatters," because everybody who goes to the Ball MUST wear a hat. It won't matter whether it is an inch or a yard wide, but it must be worn, and if you go along to the Town Hall on the night of June 18th without a hat, then you'll have to buy one, or get someone to give you one, because to attend the "Mad Hatters' Ball" without a hat will be deemed a crime. It is safe to say that half Sydney will be there, whilst the other half will listen in to the dance music and noise of gaiety, which are to be broadcast by 2FC.

CLIFFORD LATHLEAN is back in Sydney again, after an absence of four years, during which time he has been gaining experience abroad. He was first engaged in a concert tour through India, the Malay States and Ceylon. After intensive study in England, the opportunity presented itself of singing in a number of provincial cities with the various choral societies, as bass soloist in oratorio. Mr. Lathlean was also engaged in oratorio and concert work in London. His most successful performances were: "Dream of Gerontius," "St. Matthew Passion," "The Messiah," "Judas Maccaebaeus," and "The Creation." He was favorably received in several Bach cantatas. "The Times" says: "Mr. Lathlean declaims Bach recitative well, and sings in a sound, straightforward manner." He has now settled in Sydney, and is attached to the staff of the Conservatorium as a teacher of singing. He will appear at 2FC on Monday, 11th June.

A SOUBRETTE of refinement is Laurel Streeter, who has just been engaged by 2BL. Miss Streeter was until lately appearing at the Tivoli. Other new artists include George Welch, comedian, who has just returned from a successful tour of New Zealand; Will Clarke, the eminent basso; Dismal Desmond, who in spite of his cognomen is essentially a funny man; Rex Harrison, a powerful baritone; James Compton, who is admitted the finest cornet player in Australia, having appeared four times by command before Royalty, and having won the championship of Championships of Australia; Gerald Walenn, violinist and composer; Bryce Carter, Australia's leading 'cellist.

Radio Set Damaged by Lightning

By B. W. Hooker

A GREAT many people are in considerable doubt as to the liability or otherwise of lightning striking radio aerials.

Many of them will not instal a radio set because they fear that the aerial attracts lightning. I have often been asked my opinion of the subject, and reply by asking if the questioner is afraid to erect a clothes line, as a wire clothes line is more dangerous (in that it is less safe) than a properly erected aerial.

As a matter of established fact, a properly erected aerial is one of the best safeguards against lightning, since it acts as a lightning arrester by dissipating (by radiation) the accumulating electrical strain in much the same way that a proper lightning conductor does.

On the extremely rare occasions when an aerial is struck, it can be safely stated that the lightning would have struck at the same place, if the aerial had not been there, but in that event the damage would almost certainly have been greater.

In all my radio experience, which covers the last eighteen years, during which I have worked on stations with masts up to 400 feet high and spent much time in tropical stations, I have never seen even a suspicion of lightning striking an aerial. I have seen beautiful firework displays during storms, though, by leaving a spark gap between aerial and earth and watching the effect of nearby lightning.

I have seen big aerials discharging through a spark gap inches long while storms were working up and before an actual flash. These spark discharges visibly prove that the aerial is dissipating and radiating the electrical tension and tending to prevent a flash.

I have never heard of a properly erected aerial being struck. I have used the words "properly erected" several times, and draw particular attention to the "properly."

Recently I had an opportunity of examining a crystal set, that was badly damaged by lightning.

Description of Set.

The set was of the ordinarily single coil type, having the aerial/earth condenser, and detector/'phones connected across a honeycomb coil. The variable condenser was of a good make, having aluminium plates. The 'phones were two headsets connected in parallel, and joined to the set by about 20 feet of ordinary lightning twin flexible cord. The detector was a standard carborundum cartridge type.

The aerial was attached to the top of a stone tower, this tower being about 10 feet higher than the roof of a normal two storey house. There was no lightning arrester on the set. The earth connection was made by driving a length of one inch water pipe about a foot into the ground in a rather dry spot, filling the bore with water, and dropping six inches of bare wire into the water in the pipe. The wire was normal lead-in wire with the insulation scraped off. I will refer to this earth later on.

Lightning Damage.

Lightning struck the top of the tower, completely demolishing two of the four ornamental stone projections at its corners, and scattering bits of stone all over the garden. About a barrowload was gathered up again. There was no lightning conductor on the tower.

The aerial wire was undamaged, but the crystal set was burnt in a rather interesting manner.

The solder on the back of the aerial terminal had been melted and scattered, but the busbar wiring had remained sprung in position and had resoldered itself on. The condenser had several of its plates fused in two places. I could push my finger through the holes in the plates. The carborundum detector was in a bad mess. The crystal (originally evidently a large one) was spattered into small bits, while the case-hardened steel contact plunger was deeply pitted by the arc that had taken place.

The insulation of the flexible cord to the 'phones was burnt through in three places. One of these was where the wire had been attached to the plaster wall by a staple. Where the staple had been was left a hole about 1½ inches deep that one could hide an egg in. The 'phone cords were both burnt through in several places.

The 'phones themselves were not damaged in the slightest degree. This appears remarkable, but high frequency current seldom damages wires with an iron core, it sparks across before it gets there if its voltage is sufficient. For the same reason the honeycomb coil was undamaged. It will be noticed that the flash dodged the iron staple by blowing a hole in the wall to get past it.

Conclusions.

In my opinion, the source of the whole trouble was the exceedingly bad earth connection. The short length of iron pipe in dry ground was itself a bad earth. The water poured into it was useless, as the earth packed into the bottom of it acted as an excellent cork and kept it there. The few inches of wire dipping in the water had a resistance probably running into hundreds of ohms, whereas the resistance of a good earth should be less than one ohm. The wire did not make contact with the inside of the pipe, as the wire was covered with verdigris. This verdigris may have been due to electrolytic action caused by the flash, but even if the wire had been bright the iron pipe was far too rusty to make contact with the wire.

If the set had been properly earthed the aerial would probably have acted as a lightning conductor and prevented the flash striking there. The fact that the stonework of the tower was blown to bits proved that the lightning struck the tower and not the aerial. Had it struck the wire it should have done more damage to the aerial and set and less or none to the tower. Evidently the aerial only received a small proportion of the lightning flash, and possibly only got a capacity surge from it. In other words, the aerial was probably not struck at all.

Had the set been equipped with a lightning arrester it would probably have not been damaged.

It so happened that the owner of the set had the headphones on up to a few minutes before the flash, and only discarded them because the violent static was annoying him. Had he not done so he would possibly have been killed.

The moral is that too much care cannot be given to the earth connection. A bad earth not only weakens reception, it also renders the aerial useless as a lightning conductor. A badly earthed aerial is electrically similar to a highly elevated wire clothes line. It might be ornamental (but generally isn't, as if the earth is skimped the aerial details usually are also), but is more or less useless.

The number of unsightly aerials round the suburbs is astonishing. People generally try to have "the part that shows" looking at its best, and I always consider that if the aerial strains my eyes, that the set attached to it must be really painful.

N.B.—If a counterpoise is used for reception, it is liable to act in the same manner as a poor earth connection when heavy static discharges are in the vicinity. Provision should be made for earthing the counterpoise in addition to the aerial.—Tech. Ed.

Why Batteries are still in Fashion for Short Wave Receivers

MANY of us have probably wondered why, in the numerous diagrams appearing in the various radio publications, of short wave receivers, whether designed for short wave broadcast or code reception, "B" batteries, rather than socket-power devices are always designated as a source of plate supply. That there is a good reason for this, however, is indicated by some interesting tests recently made.

In the first place, a short wave receiver is almost invariably of the regenerative type, consisting of a detector and one or two stages of audio amplification. It is designed on the low loss principle (which in short wave reception really means something), and consequently is extremely sensitive and must be capable of maintaining the most critical adjustments. When it is used in connection with a power unit, the remaining unsuppressed A.C. hum, which may be entirely unnoticed in the ordinary broadcast receiver, becomes pronounced and grows in intensity as the regenerative coupling is tightened In addition to this residual A.C. hum, the alternating current variation may also be picked up through the antenna system. Many radio fans, who possessed in the old days broadcast receivers of the regenerative type, will probably recall how easily the 60 cycle hum was picked up when the aerial lead-in paralleled the house wiring even though it might be separated by many feet, and how the proximity of an electric light was sufficient to also cause this effect.

Furthermore, a staple plate current is vital to success in short wave reception. The tickler is almost always in a state of micrometrically-critical adjustment; consequently, if the plate current is not stabilized and varies ever so slightly, it will cause the tube to spill over, thus necessitating readjustment. As the A.C. input to the power unit is varying constantly, and this variation on a smaller scale is reflected in the output of the device, the impossibility of maintaining a state of critical adjustment is obvious.

This varying voltage is a factor also in broadcast reception on the higher waves, and has caused a few manufacturers of "B" power units to incorporate a regulator or glow tube in their outfits. This glow tube has as its function the preservation of a uniform current flow, but, unfortunately, its current consumption is so heavy that it can be used only in eliminators especially designed for it, as otherwise it drags down the over-all voltage, causes choke-coil core saturation, and intensifies the A.C. hum.

Because of the sensitivity of the short wave receivers to all forms of electric disturbance, background noise must be eliminated whenever it rests within the power of the set operator to accomplish this. Power units, when used on short wave receivers and highly sensitive broadcast sets, are inherently noisy, owing to line fluctuations. If some kind of vibrating household device, which operates on the make-and-break principle from the house current is in use, it will generate strong waves, which will probably be picked up by the receiver through its antenna even when "B" batteries are used. However, when the receiver's plate supply is obtained from the same power source as that operating the interfering device, the interference will be greatly magnified. In neighbourhoods supplied with direct current for lighting, because of the fact that connections are direct rather than through transformers, interference of this character may attain astonishing volume.

For this reason, additional importance is to be attached to the increasing vogue of constructing the power unit and amplifier as a separate instrument from the receiver proper—R.F. and detector. Not only is there greater flexibility in the use of a phonograph combination with the amplifier; but a small highly sensitive short wave receiver may be used with the amplifier for the purpose of receiving the programmes now available from great distances. Even with a stage of R.F. ahead of the regenerative detector, the amount of current consumed by the two valves required would be but a small drain on batteries and entail little trouble.

What Leakage Means in Filter Condensers

LEAKAGE is a frequently discussed factor in comparing condensers. Some believe that leakage is a detriment, and that the condenser with the lowest leakage must necessarily be the best condenser. Yet actual experience with filter condensers of various leakage values indicates that leakage up to a certain point is not only far from being a detriment, but, if anything, is actually an advantage in the matter of longer life.

The Dubilier filter condensers, for example, have a higher leakage value than that called for by the Radio Standards of the N.E.M.A. Yet tests in the Dubilier research laboratories on many condensers of different leakage values have proved conclusively that low leakage is by no means a sign of a long-life condenser. In fact, these tests have proved that condensers of extremely low leakage or high resistance break down sooner than those of higher leakage or lower resistance.

Leakage in a condenser depends on the temperature, and the higher the temperature the greater the leakage. Also, the greater the current the higher the resistance. The N.E.M.A. standards specify the temperature at which the leakage shall be measured.

So in the matter of leakage, as well as other factors, long experimentation and tests are required in arriving at the values that make for longest life and greatest operating efficiency.

Story of "E. R. Stirling" appears in Next "Radio"

MR. L. G. BELL writes to 2FC: "I feel that you may be interested to hear of the following remarkable coincidence that arose to-night (May 20th). Having just had tea, I strolled into my breakfast room, and looking for something to read I got hold of a copy of the Newcastle (England) Weekly Chronicle.' In a couple of minutes I found myself very interested in an article describing the voyage of the 'E. R. Stirling.' It was with particular interest that I read of the doings of the Australian wireless operator abroad. Putting down my paper I walked over to my wireless set and tuned in to 2FC. Just try and imagine my surprise when your announcer stated that a talk by Mr. Anderson, wireless operator of the 'E. R. Stirling,' was to follow. Naturally enough, I followed him word for word, and wondered just how he would refer to his own doings during the ill-fated voyage, seeing that his captain had, on the other side of the world, referred to him as a 'brave fellow.' Like all heroes he merely mentioned that he had made a temporary aerial, but in no way described the dangers he had faced in so doing. I am enclosing the cutting from the 'Newcastle Weekly Chronicle,' and hope that I am not asking too much when I make the request that it be handed to Mr. Anderson."

Relaying Methods Opinions from Abroad

IN 1926 3LO Melbourne decided that it was necessary to arrange for relay stations in different parts of Victoria for the purpose of giving better service to country listeners. The Postmaster-General was asked for telephone lines to connect those stations with Braybrook, but although repeated requests have been made, the Department is not in a position to supply the lines. Consequently the relay stations have not been established.

Recently the Department wrote to this company asking if anything was being done about the use of wireless for relaying the programmes. We had previously considered this alternative to telephone wires, but were advised that the wireless system of relaying was not dependable. However, after receipt of the Postmaster-General's letter we decided to obtain further opinions on the question of using wireless and sent the following cable to Mr. P. P. Eckersley, British Broadcasting Corporation, Savoy Hill, London, Mr. N. J. Edwards, Editor, "Popular Wireless," The Fleetway House, Farringdon Street, London, and Mr. Harkness, Vice-President of the American Telephone and Telegraph Co., 195 Broadway, New York:

"Erection Relay Stations broadcast programme 3LO Melbourne and other relay stations broadcast programme 2FC Sydney being discussed here as a development broadcasting Australia stop I should be glad if you would cable your opinion experience of following methods accomplishing the above first by connecting relay station to central station by telephone wire second by ocnnecting relay station to central station by wireless using most suitable wave length stop do you know any country where telephone lines available where second method of relaying is used stop If second system is not now in use is its use in immediate future contemplated stop assuming relay about two hundred miles from central station which method would give better service in freedom from fading and distortion of signals as emitted by relay Station."

Their respective replies are as follows:

Mr. P. P. Eckersley, British Broadcasting Corporation, Savoy Hill, London:

"My advice always use telephone land line wherever economically and technically possible stop wireless link only valuable where lines cannot for one reason or another be used stop we use wireless link from long wave station in this country on certain specialised but unimportant occasions because the land line network is in the afternoons too expensive in view of programme transmitted stop in conclusion therefore always use land line wherever technically and economically possible."

Mr. N. J. Edwards, Editor, "Popular Wireless," London:

"All European relays now land line the radio link not considered reliable especially during summer mainly owing static with corrected lines we work two hundred miles with complete reliability freedom distortion repeaters needed longer distances land line unquestionably best."

Mr. Harkness, Vice-President of the American Telephone and Telegraph Co., New York:

"Experience has demonstrated interconnection of stations by special telephone wires is only satisfactory method for programme transmission free from disturbances and distortion stop prominent radio manufacturers have endeavoured for several years to use radio but so far have not produced satisfactory results stop Radio Corporation of America now using over twelve thousand miles telephone circuits in United States under three year contract stop no known cases where radio is employed stop England Canada and Germany using wires for relay purposes stop satisfactory relaying by radio may ultimately be possible but present developments indicate this is some years off."

It will thus be seen that the above quoted opinions, which are from people in close touch with the best experience in communication systems, are to the effect that it would not be a safe thing to install wireless circuits and expect a dependable service from them.

RADIO IN SAN FRANCISCO'S CHINATOWN.

CHINESE women, clad in trousers, and men in the centuries old costumes of the Far East, listen eagerly to radio programmes in their apartments in San Francisco's Chinatown. For the Chinese have added to the list of household necessities, the radio.

There are more radio aerials in one block along Grant Avenue, Chinatown's main street, than in any other block in San Francisco, according to Gon Sam Mue, of the United States Immigration Office.

Their residence restricted to Chinatown, the Chinese necessarily live in crowded fashion. Radio appeals to them, not only as a means of bringing in the music and entertainment of the outside world, but also for its value in keeping the children off the streets, Gon declared.

The Chinese love music, and that is one of the reasons why radio means so much to them, according to the Princess Der Ling of China, who has participated in many radio programmes in her native China, and incidentally spoke over the General Electric Station KGO the first day she arrived in the United States from the Orient. It brings them in contact with European and American music, greatly different from their own, she said, and also gives them a better knowledge of what is going on in the "outside" world.

"The general notion that Chinese music consists of a series of cat howls is due largely to the fact that Chinese are ford of the falsetto male voice," the Princess said in her talk over KGO.

"Male altos, however, at one time were used exclusively, both in church and the opera. The West has let its women take part in music and drama a little sooner than the East has done."

The Chinese have no desire to take all and give nothing in return. One of the most colourful dramas ever put on the air, was recently presented over KGO by the Chinese of San Francisco. It was a drama of the Yang Tze river. No more enthusiastic group of people ever assembled in a broadcast studio than appeared at KGO for the presentation of this play.

Radio dramatists may learn much from the Chinese drama according to the Princess, for it is in certain ways peculiarly adapted to radio needs. There is very little action and practically no stage setting whatever. All effects have to be produced by vocal inflection and gesture alone.

Above all, the significant thing about Chinese drama is the part music plays in it. Most of their speech is simply vocal declamation, similar in principle to that which was in fact the very beginning of European opera. Music faithfully reflects the passing emotions on the stage.

2FC RECEIVED two intriguing letters this week from one "Etablissements CREO, Compagni Radio-Electique de l'Opera," which, of course, might mean anything! The letters were taken to the Studio "interpreter," in happy anticipation of further laudatory comments on oversea rebroadcasts. Alas! The elaborate phrasing served merely to clothe a common advertisement for valves, and were relegated to the department to which they belonged in disgust.

Broadcasting Stations

AUSTRALIA.

New South Wales.

	Metres.	Watts.
2FC—2FC Limited, Market St., Sydney	442	5000
2BL—Broadcasters, Ltd., Bligh St., Sydney	353	5000
2GB—Theosophical B'casting, 29 Bligh St., Sydney	316	3000
2KY—Trades and Labour Council, Goulburn St., Sydney	280	1500
2UW—2UW Radio Ltd., 213 Elizabeth St., Sydney	267	500
2UE—Electrical Utilities, Ltd., 619 George St., Sydney	293	250
2MK—Mockler Bros., Hawick St., Bathurst	275	250
2HD—H. A. Douglas, King St., Newcastle	288	100
2BE—Burgin Electric Co., Ltd., 340 Kent St., Sydney	316	100

Victoria.

3LO—B'casting Co. of Aust., Ltd., 120a Russell St., Melb.	371	5000
3AR—Associated Radio of Aust., Ltd., 44-46 Elizabeth St., Melb.	484	1600
3UZ—O. J. Nilson & Co., Bourke St., Melb.	319	100
3DB—Druleigh Business College, Melb.	255	500

Queensland.

4QG—Queensland Govt. Radio Service, Brisbane	385	5000
4GR—Gold Radio Service, Margaret St., Toowoomba	294	100

South Australia.

5CL—Central B'casters, Ltd., 59 Franklin St., Adelaide	395	5000
5DN—5DN Pty., Ltd., 2-4 Montperier St., Parkside	313	500
5KA—Sport Radio Ltd., 51 Kintore Ave., Prospect	250	1000

Western Australia.

6WF—Westralian Farmers Ltd., 569 Wellington St., Perth	1250	5000

Tasmania.

7ZL—Tasmanian B'casters Ltd., 95 Elizabeth St., Hobart	535	3000

NEW ZEALAND.

	Metres.	Watts.
1YA—Radio B'casting Co. of N.Z., 419 Queen St., Auck.,	333	500
1ZB—La Gloria Gramophone Co., Auckland	275	50
1ZQ—L. R. Leith, Auckland	330	50
1ZY—N. C. Shepherd, Whangarei,	250	15
2YA—Radio B'casting Co., Wellington	420	5000
2YK—2YK Limited, Wellington	292	120
2YF—Radio Club, Palmerston North	200	5
3YA—Radio B'casting Co. of N.Z., Christchurch	306	500
4YA—Radio B'casting Co. of N.Z., Dunedin	463	750
4ZB—Otago Radio Association, Dunedin	300	50

GREAT BRITAIN.

2LO—British B'casting Co., Savoy Hill, London	361.4	3000
2RN—Government Radio Station, Dublin, Ireland	319.1	1500
5XX—British Broadcasting Co., Daventry	1604.3	5000 –10000

UNITED STATES OF AMERICA.

KDKA—Westinghouse Elec. and Mfg. Co., East Pittsburg, Pa.	315.6	50000
KFI—Earle C. Anthony Inc., 1000 So., Hope St., Los Angeles	468.5	5000
KGO—General Electric Co., Oakland, California	384.4	5000
KOA—General Electric Co., 1370 Krameria St., Denver, Colo.	325.9	5000 –10000
WBZ—Westinghouse Elec. Co., Hotel Kimball, Springfield, Mass.	333.1	15000
WEAF—National B'casting Co., 195 Broadway, New York	491.5	50000
WGY—General Electric Co., So. Schenectady, N.Y.	379.5	50000
WJZ—National B'casting Co., 195 Broadway, New York	454.3	30000
WGN—WGN Radio, Chicago, Ill.	305.9	15000
WLIB—WLIB Radio, Chicago, Ill.	305.9	15000

EUROPE.

	Metres.	Watts.
FL—Eiffel Tower, Paris, France	2650 & 32	5000

SOUTH AMERICA.

LOS—Municipality of Buenos Aires, Buenos Aires, Argentine	291.2	
SQIA—Radio Sociedade de Rio de Janeiro, Rio de Janeiro, Brazil	400	

HAWAII.

KGM—"Honolulu Advertiser," Honolulu	270	500

JAPAN.

JOAK—Tokyo Central B'casting Co., Tokyo, Japan	375	1000
JOBK—Osaka Central B'casting Co., Osaka, Japan	385	1000
JOCK—Nagoya Central B'casting Co., Nagoya, Japan	360	1000
JODK—Keijo B'casting Co., Keijo, Japan	345	1000

DUTCH EAST INDIES.

JFC—Bataviasche Radio, Jereeninging, Batavia	220	40

PHILIPPINE ISLANDS.

KZRM—Radio Corp. of The Philippines, Manilla, Philippine Islands	413	1000
KZRQ—Radio Corp. of the Philippines, Manilla, Philippine Islands	400	1000
KZKZ—Radio Corp. of the Philippines, Manilla, Philippine Islands	270	500
KZIB—Radio Corp. of the Philippines, Manilla, Philippine Islands	260	500

INDIA.

5AF—Indian States and Eastern Agency, Calcutta, India	425	1500

SOUTH AFRICA.

WAMG—African B'casting Assn., Cape Town, South Africa	375	1500
JB—African B'casting Co., Johannesburg, South Africa,	450	500

Short Wave Stations

GREAT BRITAIN. Wavelengths

5SW—Marconi Company, Chelmsford, England	24
2YT—Poldhu, England,	25, 32, 92, 94
2NM—Gerald Marcuse, Queen's Park, Caterham, Surrey, England	32.5 and 28 metres

UNITED STATES.

2XAG—General Electric Co., New York, U.S.A.	14, 16, and 42
NXF—Bellevue, Annacosta D.C.,	16, 17, 20.8, 84, 81.5, 71.3, 54.4, 50
2XAF—General Electric Co., Schenectady, New York, U.S.A.	32.77, 32.0
WCY—Schenectady, N.Y.	32,79
NPG—San Francisco, Calif.	40, 43, 81
2XAL—"Radio News," New York, U.S.A.	30.91
KFKX—Hastings, Nebr.	56
WGN—Western Electric Co., Long Island, N.Y.	75
WLW—Crossley Radio Co., Cincinatti, U.S.A.	52
KDKA—Westinghouse Elec. and Mfg. Co., East Pittsburg, U.S.A.	63.5, 42 and 14

(8XK and 8XP).

WJZ, WJZ Radio, Bound Brook, N.J., U.S.A.	Various wavelengths
WGY, WGY Radio, Schenectady, N.Y., U.S.A.	15 to 100 metres

2XAC, 2XAD, 2XAF (as above) for WGY.

WHAM and 8XAC, WHAM, Radio, Rochester, N.Y., U.S.A.	Various wavelengths
2XG—Western Electric Co., New York, U.S.A.	16 and 23.

INDO CHINA.

HVA—Hanoi, Indo China	31.5

HOLLAND. Wavelengths.

PCJJ—Phillips' Experimental Station, Hilversum, Holland	30.2
PCLL—Phillips Lamps, Ltd., Kootwijk, Holland	32.5, 46
PCTT—Phillips' Lamps, Ltd., Kootwijk, Holland	21
PCMM—Phillips' Lamps Ltd., The Hague, Holland	25
PCPP—Phillips' Lamps Ltd., Kootwijk, Holland	27
PCUU—Phillips' Lamps Ltd., The Hague, Holland	42

UNION OF SOVIET SOCIALIST REPUBLICS.

RFN—U.S.S.R., Moscow	29
	Silent day, Wednesday
RFM—U.S.S.R., Khabarovsk, Siberia	60 and 30
RFL—	

ITALY.

IMI—Unione Radiofonica Italiana, Milan	45 metres
IDO—Ido Radio, Italy	33.5

SOUTH AFRICA.

JB—Johannesburg Broadcasting Co., Cape Town, South Africa	20 and 25

JAPAN.

JIPP—JIPP, Tokio, Japan	20
JIAA—Iwatsuki, Japan	79
JKZB—JKZB, Tokio Electric Co., Tokio, Japan	20

GERMANY.

POX—POX, Nauen, Germany	70
POZ—POZ Radio, Nauen, Germany	19 metres

SUVA.

VPD—Suva Radio, Amalgamated Wireless (A/sia), Ltd.	37.5

SAMOA. Wavelengths

VMC—Samoa	33

JAVA.

ANF—Malabar, Java	56
JFC—Bataviasche Radio Vereeninging, Batavia, Java	220 40
ANDIR—Bandoeng, Java	38.5
ANE—ANE Radio, Malabar, Java	32, 31.26

COMMERCIAL STATIONS.

VIA—Amalgamated Wireless (A/sia, Ltd.), Adelaide	21, 32, 50
VIB—Amalgamated Wireless (A/sia, Ltd.), Brisbane	21, 32, 50
VIT—Amalgamated Wireless (A/sia, Ltd.), Townsville	32
VJZ—Amalgamated Wireless (A/sia, Ltd.), Rabaul	17, 21, 32
VIM—Amalgamated Wireless (A/sia, Ltd.), Melbourne,	20, 21, 31.8, 49
VIS—Amalgamated Wireless (A/sia, Ltd.), Sydney	20, 32, 50, 51
VIP—Amalgamated Wireless (A/sia, Ltd.), Perth	21, 32, 50
VIY—Amalgamated Wireless (A/sia, Ltd.), Melbourne	25
VIZ—Amalgamated Wireless (A/sia, Ltd.), Melbourne	25.72
2ME—Amalgamated Wireless (A/sia, Ltd.), Sydney	28.5
3ME—Amalgamated Wireless (A/sia, Ltd.), Melbourne	31.5

SHIP STATIONS.

GBE—S.S. "Niagara"	37, 23
GDZV—S.S. "Makura"	23, 37
MTN—S.S. "Tahiti"	37, 23
GDVB—S.S. "Aorangi"	37, 23
VZDK—S.S. "Jervis Bay"	37
PMZ—S.S. "Tasman"	29, 51
ARCX—S.S. "Nielsen Alonso"	30.4

BROADCASTING PROGRAMMES for the COMING WEEK

Friday, June 8

2FC, SYDNEY

Farmer's Broadcasting Service.

Wave Length, 442 Metres.

EARLY MORNING SESSION.

7 a.m.—"Big Ben" and announcements.
7.5 a.m.—Studio music.
7.15 a.m.—Country Session: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services.
7.25 a.m.—Investment market, mining share market, metal quotations.
7.35 a.m.—Wool sales, breadstuffs markets, Interstate markets, produce markets.
7.45 a.m.—"Sydney Morning Herald" summary.
7.50 a.m.—Studio music.
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." Studio music.
11.5 a.m.—A.P.A. and Reuter's Cable Services.
11.10 a.m.—Studio music.
11.15 a.m.—A talk on Home Cooking and Recipes by Miss Ruth Furst.
11.30 a.m.—Close down.

MIDDAY SESSION.

12 noon.—"Big Ben" and announcements.
12.2 p.m.—Stock Exchange, first call.
12.3 p.m.—Official weather forecast, rainfall.
12.5 p.m.—Studio music.
12.10 p.m.—Summary of "Sydney Morning Herald" news service.
12.15 p.m.—Rugby Wireless News.
12.20 p.m.—Studio music.
1 p.m.—"Big Ben." Weather intelligence.
1.3 p.m.—"Evening News" midday news service.
Producers' Distributing Society's Report.
1.20 p.m.—Studio music.
1.28 p.m.—Stock Exchange, second call.
1.30 p.m.—Studio music.
1.35 p.m.—Gwen Gillard, soprano.
1.40 p.m.—Studio music.
1.55 p.m.—Gwen Gillard, soprano.
2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

3 p.m.—"Big Ben" and announcements.
3.5 p.m.—A Recital of "Parlophone" records.
3.30 p.m.—Josie Westaway, soprano: "One Fine Day" (Puccini).
3.34 p.m.—"The Neapolitans": Songs to the accompaniment of the Steel Guitar and Mandolin.
3.44 p.m.—Muriel Watt, contralto.
3.48 p.m.—A Pianoforte reproduction.
3.55 p.m.—Dave Foley, baritone.
4 p.m.—"Big Ben." Josie Westaway, soprano: "Little Coon's Prayer" (Barbara Hope).
4.5 p.m.—"The Neapolitans": Songs to the accompaniment of the Steel Guitar and Mandolin.
4.15 p.m.—Muriel Watt, contralto.
4.20 p.m.—A Pianoforte reproduction.
4.30 p.m.—A Reading.
4.40 p.m.—Dave Foley, baritone.
4.45 p.m.—Stock Exchange, third call.
4.47 p.m.—Studio music.
5 p.m.—"Big Ben." Close down.

EARLY EVENING SESSION.

5.40 p.m.—The chimes of 2FC.
5.45 p.m.—The "Hello Man" talks to the children.
6.25 p.m.—Children's music.
6.30 p.m.—Late sporting news.
6.35 p.m.—Dalgety's market reports (wool, wheat and stock).
6.45 p.m.—Fruit and vegetable markets.
6.48 p.m.—Weather and shipping news.
6.50 p.m.—The 2FC Racing Commissioner will give the latest racing news.
7 p.m.—"Big Ben." Dinner music.
7.30 p.m.—"Evening News" late news service.

MUSICAL COMEDY.

7.40 p.m.—Programme announcements.
7.45 p.m.—W. F. Kay will continue his theatrical talks and to-night will give: "A Sheaf of Old Programmes."
8.0 p.m.—Norman Francis, Tenor.
8.8 p.m.—Lionel Lawson, Violin Solos.
8.15 p.m.—Lloyd Santley, Baritone: Old Time Numbers.
8.23 p.m.—Carlton Fay, Pianoforte Recital. (a) "Bells Across the Meadows" (Ketelbey). (b) "Summer Noon" (Loughborough).
8.30 p.m.—Norman Francis, Tenor.
8.37 p.m.—Hal Rae, Songs at the Piano.
8.45 p.m.—Lionel Lawson, Violin Solos.
8.53 p.m.—Carlton Fay, Piano Solos. (a) "The Fragrant Year" (a Pianoforte Cycle by Montague Ewing).
9.0 p.m.—"Big Ben." Weather forecast. Lloyd Santley, Baritone: "Old Time Melodies."
9.7 p.m.—Hal Rae, Songs at the Piano.
9.14 p.m.—A Foreword to the next item.
9.15 p.m.—Broadcast from Her Majesty's Theatre, Sydney (by permission of J. C. Williamson, Ltd.). The Second Act of "Princess Charming," featuring Kathryn Reece (first appearance in Australia); Olive Sloane, Cecil Kellaway, Reginald Dandy, Peter Gawthorne and Leslie Holland. Play produced by Frederick Blackman

Musical Numbers. Act II.

"Good on Sunday,"
Leslie Holland and Chorus Ladies
Solo Dance ..... Adele Hardwicke
Ensemble, Kathryn Reece, Leslie Holland, Reginald Dandy, Chorus and Ballet.
"Every Little Maid," Kathryn Reece & Ballet
Duet .. Kathryn Reece and Reginald Dandy
Finale ..... Principals, Chorus and Ballet

Scene: Act II.: In the Royal Palace, Sylvania.

10.20 p.m.—From the Ambassadors: Dance Music. Conductor, Manuel Hyman.
10.30 p.m.—Late weather forecast.
10.31 p.m.—The Ambassadors' Dance Orchestra.
10.57 p.m.—Late news. To-morrow's programme.
11.0 p.m.—"Big Ben." The Ambassadors' Dance Orchestra, interspersed with music from the Studio.
11.45 p.m.—"Big Ben." National Anthem.

2BL, SYDNEY.

Broadcasters' Ltd.

Wave Length, 353 Metres.

FRIDAY, 8th JUNE, 1928.

EARLY MORNING SESSION.
8 a.m. to 9 a.m.

MORNING SESSION.

10.30 a.m.—G.P.O. Clock and Chimes. Musical programme from Studio.
11 a.m.—G.P.O. Clock and Chimes. Talk on "Golf" by Miss Gwen Varle Broadcasters' Women's Sports Authorit; Talk on "Feeding the Family" 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.
12.12 p.m.—Information, Mails, Shipping, and Port Directory.
12.15 p.m.—Boats in call by wireless.
12.17 p.m.—Fruit Market Report.
12.19 p.m.—Vegetable Market Report.
12.21 p.m.—London Metal Market.
12.23 p.m.—Dairy Farm and Produce Market Report.
12.26 p.m.—Fish Market Report.
12.28 p.m.—Rabbit Market Report.
12.30 p.m.—H.M.V. Gramophone Recital.
1.30 p.m.—G.P.O Clock and Chimes. Talk to children and Special Entertainment for children in Hospital.
2 p.m.—G.P.O. Clock and Chimes. Close down.

AFTERNOON SESSION.

Racing information broadcast immediately after each race by courtesy of the "Sun."
3 p.m.—G.P.O. Clock and Chimes. Talk by Mrs. Jordan.
3.15 p.m.—Civil Service Stores Trio; direction, Miss de Courcey Bremer.
3.30 p.m.—G.P.O. Clock and Chimes. Talk on "Sweets" by Miss Kathleen Jordan.
4 p.m.—G.P.O. Clock and Chimes. Civil Service Stores Trio.
4.15 p.m.—News Session.
4.35 p.m.—Musical programme from Studio.
4.50 p.m.—News from the "Sun."
4.57 p.m.—Features of evening's programme.
4.59 p.m.—Racing resume.
5 p.m.—G.P.O. Clock and Chimes. Close down.

EARLY EVENING SESSION.

5.45 p.m.—G.P.O. Clock and Chimes. Children's Session.
6.30 p.m.—Gulbransen Dinner music.

SPECIAL COUNTRY SESSION.

7 p.m.—G.P.O. Clock and Chimes.
Racing resume.
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 Report.
Grain and Fodder Report ("Sun").
Dairy Produce Report ("Sun").
N.R.M.A. Report.
7.15 p.m.—Country News from the "Sun."
7.30 p.m.—Talk on "Gardening Science" by Mr. Cooper, Park Superintendent, City Council.

EVENING SESSION.

8 p.m.—G.P.O. Clock and Chimes. Broadcasters Topical Chorus.
8.3 p.m.—Heyes' Banjo Band.
8.10 p.m.—Mr. Fred Fox, baritone.
8.17 p.m.—Mr. Divola (Siffleur).
8.24 p.m.—Miss Josie Westaway, soprano.
8.31 p.m.—Broadcasters Instrumental Trio.
8.38 p.m.—Mr. Michael O'Connell, elocutionist.
8.45 p.m.—Miss Thelma Houston, contralto.
8.52 p.m.—Heyes' Banjo Band.
8.59 p.m.—Weather Report and Forecast by courtesy of Mr. C. J. Hares, Government Meteorologist.
9 p.m.—G.P.O. Clock and Chimes.
9.1 p.m.—Dismal Desmond, comedian.
9.8 p.m.—The Turf Expert of the "Sun" (Mr. C. Dexter) will talk on the prospects of Saturday's Racing.
9.23 p.m.—Broadcasters Instrumental Trio.
9.30 p.m.—Mr. Fred Fox.
9.37 p.m.—Mr. Divola.
9.44 p.m.—Miss Josie Westaway.
9.51 p.m.—Mr. Michael O'Connell.
9.58 p.m.—Broadcasters Instrumental Trio.
10.5 p.m.—Miss Thelma Houston.
10.12 p.m.—Dismal Desmond.
10.19 p.m.—Resume of following Day's Programme.
10.23 p.m.—Romano's Restaurant Dance Orchestra, under the direction of Mr. Merv. Lyons, broadcast from Romano's. During intervals between dances "Sun" news will be broadcast.
11.30 p.m.—G.P.O. Clock and Chimes. National Anthem.

2GB, SYDNEY

Theosophical Broadcasting Service.
Wave Length, 316 Metres.

FRIDAY, 8th JUNE, 1928.

MORNING SESSION.

10 a.m.—Music.
10.20 a.m.—Talk.
10.30 a.m.—Women's Session.
11 a.m.—Close down.

AFTERNOON SESSION.

2 p.m.—Music.
2.20 p.m.—Talk.
2.35 p.m.—Music.
3 p.m.—Close down.

EVENING SESSION.

5.30 p.m.—Children's Session by Uncle George.
7 p.m.—Stock and Market reports by New Zealand Loan and Mercantile Agency Ltd.
7.30 p.m.—Music.
8 p.m.—Opening Chorus.
8.2 p.m.—2GB Instrumental Trio in Musical Comedy Numbers.
8.25 p.m.—Address.
8.30 p.m.—Songs by Miss Merle Miller.
8.37 p.m.—'Cello Solo by Miss Marjorie Kennedy.
8.45 p.m.—Songs by Mr. Clement Hosking.
8.52 p.m.—Violin solos by Mr. Dan Scully.
9 p.m.—A Humorous recital by Mr. Heath Burdock.
9.20 p.m.—An Illustrated Talk on "Imagery in Music." arranged by Miss Phyllis Campbell A.R.C.M. and illustrated with music numbers by Miss Merle Miller. Mr. Clement Hosking and the 2GB Instrumental Trio.
10 p.m.—Close down.

2UW, SYDNEY

Sandel Radio, Ltd.
Wave Length, 267 Metres.

FRIDAY, 8th JUNE, 1928.

EVENING SESSION.

7 p.m.—Studio items.
7.10 p.m.—Where to go session.
7.15 p.m.—Dinner music.
7.45 p.m.—Dance music.
8 p.m.—News, Mails and shipping.
8.15 p.m.—Vocal and instrumental items.
8.45 p.m.—Weather report.
8.50 p.m.—Request numbers and dance music.
9.30 p.m.—Orchestral music.
10 p.m.—Close, down.

3LO, MELBOURNE.

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

FRIDAY, 8th JUNE, 1928.

EARLY MORNING SESSION

7.15 a.m.—Morning Melodies.
7.20 a.m.—PHYSICAL CULTURE EXERCISES (to Music).
7.27 a.m.—Morning Melodies.
7.33 a.m.—FORECAST FOR ALL STATES. Mails.
7.40 a.m.—News.
8 a.m.—Melbourne Observatory Time Signal.
8.1 a.m.—Express train information.
8.5 a.m.—NEWS. Sporting information. Shipping. Stock Exchange fluctuations.
8.13 a.m.—Morning Melodies.

MORNING SESSION.

11 a.m.—3LO'S CULINARY COUNSELS, or How to Create Creature Comforts with a Minimum of Cash.
11.5 a.m.—MATRON BARTLETT: Vegetarian Cookery.
11.30 a.m.—Musical Interlude.
11.35 a.m.—"AU FAIT"—Fashion Fancies.
11.40 a.m.—Musical Interlude.
11.45 a.m.—Under the auspices of the Public Health Department, DR. FERGUSON, Director of Tuberculosis, will speak on: "Help for the Mother in Combating Tuberculosis."

MIDDAY SESSION.

12 noon—Melbourne Observatory time signal.
12.1 p.m.—Metal prices received by the Australian Mines and Metals Association from the London Stock Exchange this day.
British Official Wireless News from Rugby. Reuter's and the Australian Press Association cables.
"Argus" News Service.
12.20 p.m.—THE GYPSY PLAYERS: "L'Arlesienne" (Bizet).
12.30 p.m.—MADAME LAMBERT, Soprano: "Manon" (Massenet).
12.37 p.m.—Stock Exchange information.
12.40 p.m.—AGNES FORTUNE: Waltz (Chopin).
12.45 p.m.—EILEEN BOYD, Contralto: Two French Songs.
12.52 p.m.—THE GYPSY PLAYERS: "Mignon Gavotte" (Thomas). "Serenade Espagnole" (Bizet).
1 p.m.—Melbourne Observatory Time Signal.
1.1 p.m.—ROBERT HAZELL AND ELSIE DAY: "Harmonylarity."
1.15 p.m.—Meteorological information. Weather forecast and rainfall for Victoria, Tasmania, South Australia and New South Wales. Ocean forecast. River reports. Stock Exchange information.
1.22 p.m.—BERTHA JORGENSON, violin: "The Deluge" (Saint-Saens).
1.27 p.m.—MADAME LAMBERT, Soprano: "Les Oiselets" (Massenet). "Le Cid" (Massenet).
1.34 p.m.—THE GYPSY PLAYERS: "Carmen Suite."
1.41 p.m.—EILEEN BOYD, Contralto: Two French Songs.

AFTERNOON SESSION.

2.15 p.m.—THE STATION ORCHESTRA: Selection: "The Fire Fly" (Friml).
2.25 p.m.—JACK O'HAGAN and BOB MOLYNEUX, Baritones: Double, "My Blue Heaven." Solo, "Cheerie, Beerie, Be." Double, "Baby Your Mother."
2.32 p.m.—THE STATION ORCHESTRA: "My Heart at Thy Sweet Voice" (Saint-Saens).
2.37 p.m.—NETTA RODNEY, Soubrette: "Here am I, Broken Hearted" (Henderson). "She Belongs to Me."
2.44 p.m.—THE STATION ORCHESTRA: "Three French Songs."
2.54 p.m.—EILEEN BOYD, Contralto: "Two Little Hands" (Parliger). "Fast Fall the Shadows" (Parliger).
3.1 p.m.—FRANCES FRASER: "Travels with R. L. Stevenson."
3.16 p.m.—THE STATION ORCHESTRA: "Serenata de la Argentina" (Olsen). "Slavonic Dance, No. 3" (Dvorak).
3.26 p.m.—JACK O'HAGAN AND BOB MOLYNEUX, Baritones: Double, "Someday You'll Say O.K." Solo, "There Must be a Silver Lining." Double, "In Our Honeymoon Cottage."
3.33 p.m.—ORGAN RECITAL by HANSLEY GREER, transmitted from Scots' Church, Collins-street, Melbourne: "Prelude and Fugue in E Minor" (Bach). "Melodie in F" (Rachmaninoff). "Benediction" (Karg-Elert). "Grand Chorus in B Flat" (Dubois).
3.53 p.m.—THE STATION ORCHESTRA: "In a Bird Store" (Lake).
4.3 p.m.—NETTA RODNEY, Soubrette: "You're Speedy to Remember" (Woods). "Smile and Keep a-Smiling" (Warner).
4.10 p.m.—LES RICHMOND, Piano: Selected.
4.24 p.m.—THE STATION ORCHESTRA: Selection, "The Five O'Clock Girl."
4.34 p.m.—EILEEN BOYD, Contralto: "One More" (Somerset). "How Did Everybody Know."
4.41 p.m.—THE STATION ORCHESTRA: "Ole South" (Zamecnik). Selected.
5 p.m.—"Herald" news service. Stock Exchange information.
5.15 p.m.—Close down.

EVENING SESSION.

6 p.m.—Answers to Letters and Birthday Greetings by "BILLY BUNNY."
6.30 p.m.—CAPTAIN DONALD MACLEAN: "The Spanish Conquest." How the Dons discovered the treasures of the World.
6.35 p.m.—Musical Interlude.
6.40 p.m.—"BILLY BUNNY" will tell you a story.

NEWS SESSION.

7 p.m.—Official report of Newmarket Stock Sales by the Associated Stock and Station Agents, Bourke-street, Melbourne.
7.5 p.m.—"Herald" news service. Weather synopsis. Shipping movements.
7.12 p.m.—Stock Exchange information.
7.17 p.m.—Fish Market reports by J. R. Borrett, Ltd. Rabbit prices.
7.19 p.m.—River reports.
7.21 p.m.—Market reports by the Victorian Producers' Co-operative Co., Ltd. Poultry, Grain, Hay, Straw, Jute, Dairy Produce, Potatoes and Onions. Market reports of Fruit by the Victorian Fruiterers' Association. Retail Prices. Wholesale Prices of Fruit by the Wholesale Fruit Merchants' Association. Citrus Fruits.

NIGHT SESSION.

7.30 p.m.—Under the auspices of the Department of Agriculture, W. C. Rugg, Poultry Expert, will speak on: "Poultry—Selecting Breeding Stock."
7.45 p.m.—On June 8 was laid the First Submarine Cable Telegraph to India, completed in 1870.
7.46 p.m.—C. J. WILLIAMS will speak on to-morrow's Stadium Event.
8 p.m.—On July 8, 1836, was born JOSEPH CHAMBERLAIN, leader of the Liberal Unionists in the House of Commons, and later Secretary for the Colonies. He was a member of Lloyd George's War Cabinet. He died in 1914.
8.1 p.m.—H. K. LOVE: "Technicalities." Mr. Love will be glad to attend to your wireless difficulties, and we ask you to write to him for any information you may require.
8.10 p.m.—COLLINGWOOD CITIZENS' BAND— March, "Uncle Sam." Overture, "The Bohemian Girl."
8.20 p.m.—MADAME LAMBERT, Soprano: "Two French Songs."

8.27 p.m.—COLLINGWOOD CITIZENS' BAND—
Selection, "A Darkie's Dreamland."
8.22 p.m.—ONE ACT PLAY—
"DEAL versus DINNER."
He ..... MAURICE DUDLEY.
She ..... Mrs. MAURICE DUDLEY.
8.52 p.m.—NETTA RODNEY, Soubrette:
"I'll be Lonely" (Woods).
"The Girl Friend" (Rodgers).
9 p.m.—COLLINGWOOD CITIZENS' BAND—
Waltz, "Fascination."
9.5 p.m.—JACK O'HAGAN AND BOB MOLYNEUX, baritones:
Double, "She's Just What the Doctor Ordered."
Solo, "My Ohio Home."
Double, "My Blue Heaven."
9.12 p.m.—COLLINGWOOD CITIZENS' BAND:
Trombone solo, "Farewell" (Ada Rutherford Nicholls, of Melbourne) Soloist, A. Thorne.
Hymn, "Sandon."
9.19 p.m.—RUPERT HAZELL AND ELSIE DAY,
"Harmonylarity."
9.32 p.m.—COLLINGWOOD CITIZENS' BAND:
Foxtrot, "Henry's Made a Lady Out of Lizzy."
9.37 p.m.—MADAME LAMBERT, soprano:
"Serenade" (Strauss).
"Tu me derais" (Chaminade).
9.44 p.m.—COLLINGWOOD CITIZENS' BAND:
"Alpine Echoes."
9.53 p.m.—J. HOWARD KING, Baritone:
"In Sheltered Vale" (D'Alquen).
"Salaam" (Lang).
10 p.m.—"Argus" News Service. Meteorological information. British Official Wireless News from Rugby. Road Notes supplied by the Royal Automobile Club of Victoria. Announcements.
THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TO-DAY IS—
"Reckless driving is not a demonstration of skill."
10.12 p.m.—ERIC WELCH will speak on tomorrow's races.
10.19 p.m.—THE GYPSY PLAYERS:
"Three Famous Pictures" (Wood).
10.29 p.m.—JACK O'HAGAN and BOB MOLYNEUX, Baritones:
Double: "You don't like it—not much."
Solo: "Somebody Lied About Me."
Double: "A Bungalow and You."
10.37 p.m.—THE GYPSY PLAYERS:
"Monsieur Tricotin" (Rawlinson).
10.42 p.m.—NETTA RODNEY, Soubrette:
"Someday Sweetheart" (Spikes).
"Crazy Words, Crazy Tune" (Ager).
10.49 p.m.—THE GYPSY PLAYERS:
"The Dansant" (Fletcher).
10.54 p.m.—J. HOWARD KING, Baritone:
"Sea Fever" (Ireland).
"Requiem" (Homer).
Results of Victorian Railway Institute Amateur Boxing and Wrestling Tournament.
11.1 p.m.—3LO'S DANCE NUMBERS.
THE VAGABONDS.
11.40 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

Associated Radio Co.

Wave Length, 484 Metres.

FRIDAY, 8th JUNE, 1928.

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

MIDDAY CONCERT SESSION.
12 noon to 1 p.m.
Transmitted from Panatrope House, 252 Collins Street (by exclusive permission of Wills and Paton, Ltd.), on the Brunswick Panatrope.

MATINEE SESSION.
ORCHESTRAL DANCE CONCERT.
2 p.m.—Ayarz Dansonians.
A half-hour Dance Session, by Melbourne's favorite Dance Band. All the latest popular hits, each one announced prior to its presentation.
2.30 p.m.—Melbourne Concert Orchestra:
"Rubinstein Poetry" (Ernest Urbach).
2.48 p.m.—Miss Freda Treweek, mezzo-soprano:
"If Thou wilt be the Falling Dew" (Liza Lehmann).
"Soul's Blossom" (Liza Lehmann).
2.55 p.m.—Melbourne Concert Orchestra:
"Songs from the Old Folks" (Ar. M. Lake).
3.12 p.m.—Miss Freda Treweek, mezzo-soprano:
"Break, Break, Break" (L. Carey).
"Lullaby" (Brahms).
3.19 p.m.—Ayarz Dansonians.
3.31 p.m.—Announcements.
3.35 p.m.—A Talk by Miss Stephanie Taylor on "Everyday Art."
3.45 p.m.—Melbourne Concert Orchestra:
Song Cycle: "On Jenlum River" (Amy Woodforde-Finden).
"Canzona del Violino" (Schebek).
4 p.m.—G.P.O. Clock says "Four."
4.1 p.m.—Second weather forecast.
4.3 p.m.—Mr. William Davies, bass:
"In Sheltered Vale" (d'Alquin).
"Betty's Way" (Clarke).
4.11 p.m.—Melbourne Concert Orchestra:
Suite: "Woodland Sketches" (MacDowell).
4.31 p.m.—Mr. William Davies, bass:
"Go to Sea" (Trotere).
"Old Barty" (Grant).
4.39 p.m.—Ayarz Dansonians.
4.55 p.m.—To-night's Entertainment. Announcements.
5 p.m.—G.P.O. Clock says "Five." God Save the King.

CHILDREN'S SESSION.
6.30 p.m.—3AR's Cousin Peter.

EVENING SESSION.
BALLROOM AND CONCERT HALL.
7.15 p.m.—Health Session. Mr. George Beattie, Principal of the Beattie College of Physical Culture, "Physical Fitness."
7.30 p.m.—Sport Session. "Harlequin" presents his budget of news and comments on Sport of the Day.
7.50 p.m.—Macnamara's Stock reports.
8 p.m.—G.P.O. Clock says "Eight."
8.1 p.m.—Melbourne Concert Orchestra:
Overture: "Peter Schmoll" (Weber).
"Dainty Damsel" (Baron).
8.15 p.m.—Miss Julia Russell, soprano:
"Air de Lia" (Debussy).
"Thy Beaming Eyes" (MacDowell).
8.23 p.m.—Ayarz Dansonians.
8.39 p.m.—Miss Julia Russell, soprano:
"Vio lo Sapete" (Mascagni).
"Garden Secrets" (Linda Phillips).
8.47 p.m.—Mr. Bert Lack, flute:
"Andalouse" (Pessard).
8.50 p.m.—Announcements.
9.2 p.m.—Melbourne Concert Orchestra:
Selection: "Primrose" (Gershwin).
Suite: "La Source" (Leo. Delibes).
9.19 p.m.—Mr. Alan Eddy, bass baritone:
"Cradle Song" (Kreisler).
"There is no Death" (O'Hara).
9.26 p.m.—Mr. Herbert Pettifer, violin:
"Swing Song" (Barnes).
"Polichinelle Serenade" (Kreisler).
9.30 p.m.—"Harlequin." Sport results.
9.38 p.m.—Ayarz Dansonians.
9.50 p.m.—Announcements.
10 p.m.—G.P.O. Clock says "Ten."
10.1 p.m.—Semi-final weather forecast, specially for our Country Listeners.
10.3 p.m.—Melbourne Concert Orchestra:
Suite: "The Village Green" (Elsie April).
Suite: "The Fragrant You" (M. Ewing).
10.21 p.m.—Mr. Alan Eddy, bass baritone:
"Harlequin" (Sanderson).
"Down in the Forest" (Landon Ronald).
10.29 p.m.—Miss Ethel Brearley, piano:
"La Harpe" (Jungmann).
10.33 p.m.—Ayarz Dansonians.
10.50 p.m.—"Age" News Service, exclusive to 3AR.
10.58 p.m.—Final weather forecast.
11 p.m.—G.P.O. Clock says "Eleven."

4QG, BRISBANE.

Queensland Radio Service

Wave Length, 385 Metres.

FRIDAY, 8th JUNE, 1928.

MORNING SESSION.
10.30 to 11.30 a.m.

MIDDAY SESSION.
1 p.m.—Market reports; weather information supplied by the Commonwealth Weather Bureau; news services supplied by "The Daily Mail" and "The Daily Standard."
1.20 p.m.—Lunch-hour music.
1.57 p.m.—Standard time signals.
2 p.m.—Close down.

AFTERNOON SESSION.
3.30 p.m.—Mail train running times.
3.31 p.m.—A programme of music from the Studio.
"The Telegraph News."
4.30 p.m.—Close down.

EARLY EVENING SESSION.
6 p.m.—Mail train running times, "Daily Standard" news, Weather information announcements.
6.15 p.m.—Dinner music.
6.30 p.m.—Bedtime stories by "The Sandman."
7 p.m.—Market reports; stock reports.
7.30 p.m.—Weather news, "Daily Standard" news; announcements.
7.43 p.m.—Standard time signals.
7.45 p.m.—To-morrow's racing reviewed.
7.55 p.m.—To-morrow's football reviewed.

NIGHT SESSION.
8 p.m.—A programme of dance music by Alf. Featherstone and his Studio Syncopators, relayed from Hotel Carlton, including:
Fox-trots:
(a) "I Told Them All About You" (Friend).
(b) "Dream Kisses" (Jerome).
Oriental, Persian Roseland" (Nicholls).
Fox-trot, "Trail of the Tamarind Tree" (Nicholls).
Jazz waltz, "So Blue" (De Sylva).
One-steps:
(a) "Here Comes Springtime" (O'Hagan).
(b) "As Long as I Have You" (Hanbrich).
Fox-trots:
(a) "Fifty Million Frenchmen Can't be Wrong" (Fisher).
(b) "My Regular Gal" (Warren).
Fox-trots:
(a) "Someday You'll Say O.K." (Donaldson).
(b) "Always Just a Dream" (Hamy).
Jazz waltz, "Nevada" (Nicholls).
Fox-trots:
(a) "Paradise and You" (Packay).
(b) "Every Little While" (Stele).
Between dances following will be relayed from the Studio:
Week-end road information for motorists, officially supplied by the Royal Automobile Club of Queensland.
Hawaiian Duo in selected numbers: The Kao-Maole Duo.
Ten minutes of fun by Harry Edouin.
Soprano solos:
Selected, Miss May Jordan.
Contralto solos:
(a) "Harvesters' Night Song" (Power).
(b) "Kathleen Mavourneen" (Crouch).
Miss Jessie McDonald.
10 p.m.—"The Daily Mail" news. Weather news. Close down.

5CL, ADELAIDE.

Central Broadcasters, Ltd.

Wave Length, 395 Metres.

FRIDAY, 8th JUNE, 1928.

EARLY MORNING SESSION.
7.45 a.m. to 9 a.m.

MORNING SESSION.
FOR THE LADIES.
10.30 a.m.—G.P.O. Chimes.
10.31 a.m.—Studio Music.

11 a.m.—G.P.O. Chimes.
11.1 a.m.—Kitchen Craft and Menu Talks: "What to prepare for to-day's Dinner," by "Economist." Household hints.
11.20 a.m.—Studio music.
11.30 a.m.—Close down.

MIDDAY SESSION.

1 p.m.—G.P.O. Chimes.
1.1 p.m.—Relay from Adelaide Town Hall: The Community Singing, accompanied by the Adelaide Town Hall Organ.
1.55 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence and Meteorological Information.
2 p.m.—Close down.

AFTERNOON SESSION.

3 p.m.—G.P.O. Chimes.
3.1 p.m.—Studio music, interspersed with vocal numbers.
3.30 p.m.—Educational Talk by Mr. T. C. Woodham.
3.50 p.m.—Studio Music.
4.57 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
5 p.m.—G.P.O. Chimes and close down

EVENING SESSION.

6 p.m.—G.P.O. Chimes.
6.1 p.m.—Children's Entertainment: Birthday Greetings and correspondence.
6.10 p.m.—How to spend a Pleasant Saturday.
6.21 p.m.—Music for the Children.
6.30 p.m.—Dinner Music.
7 p.m.—G.P.O. Chimes.
7.1 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
7.8 p.m.—General Market Reports: Dairy Produce, Paultry, Fish, Wheat, Skins, and Stock, etc.
7.15 p.m.—"Windbag's" Sporting Service.
7.21 p.m.—Football talk by "High Mark."
7.35 p.m.—Eric Wickens, basso:
"Davy Jones' Locker."
"When the Ebb Tide Flows."
7.42 p.m.—Comedy Numbers by George Horton.
7.52 p.m.—Relayed from Malcolm Reid and Co.'s Showrooms:
Orchestral Selections by Malcolm Reid and Co.'s Orchestra.
8 p.m.—G.P.O. Chimes.
Accompanist, Frank Bowden.
8.1 p.m.—Malcolm Reid and Co.'s Orchestra.
8.10 p.m.—Eric Wickens, basso:
"The Divers."
"Bells of the Sea."
8.18 p.m.—Malcolm Reid and Co.'s Orchestra.
8.30 p.m.—George Horton in some humor.
8.38 p.m.—Malcolm Reid and Co.'s Orchestra.
9.45 p.m.—Olive Harry, contralto:
"Thanks be to God."
8.51 p.m.—Malcolm Reid and Co.'s Orchestra.
9.1 p.m.—Meteorological information.
9.2 p.m.—Dalgety's Wheat Report.
9.4 p.m.—International News.
9.12 p.m.—Gordon Hole and Norman Morphett in a vocal duet:
"The Moon hath raised" ("Poet and Peasant").
9.18 p.m.—Xylophone solos by William Davies.
9.21 p.m.—Olive Harry, contralto:
"A Prayer Perfect" ("Salome").
9.27 p.m.—Studio Orchestra:
Selection, "Gilbert and Sullivan."
9.37 p.m.—Gordon Hole and Norman Morphett, a vocal duet:
"Under the Desert Star."
9.42 p.m.—Studio Orchestra:
Selections, "Broken Dreams."
"Mary."
9.50 p.m.—Olive Harry, contralto:
"Kashmiri Song."
9.54 p.m.—Studio Orchestra:
Rhythmodic Classic, "Hungaria."
10.1 p.m.—"The Advertiser" News Service.
10.8 p.m.—"Windbag's" Sporting Service.
10.15 p.m.—Studio Orchestra:
Novelty, "In a Persian Market" (Ketelby).
10.25 p.m.—The Glenelg Maison Dance Band.
10.55 p.m.—Meteorological information and to-morrow's programme.
11 p.m.—G.P.O. Chimes and National Anthem.

6WF, PERTH

Westralian Farmer's.

Wave Length, 1250 Metres.

FRIDAY, 8th JUNE, 1928.

MIDDAY SESSION.

12.30 p.m.—Tune in.
12.35 p.m.—Markets, News and cables.
1 p.m.—Time signal.
1.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.
1.2 p.m.—Studio Quintette, conducted by Mr. Val Smith.
2 p.m.—Close down.

AFTERNOON SESSION.

3.30 p.m.—Tune in.
3.35 p.m.—Organ and Pianola music relayed from the Grand Theatre, Murray street.
Vocal and instrumental numbers from the Studio.
4.30 p.m.—Close down.
6.45 p.m.—Tune in.
The evening transmission is broadcast on 104.5 metres as well as the usual wavelength.
6.50 p.m.—Stories for the Kiddies by Uncles Henry, Percy and Duffy.
7.20 p.m.—Stocks, Markets, News.
7.45 p.m.—Racing talk by the Sporting editor of the "Truth" Newspaper Co.
8 p.m.—Time signal.
8.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.
Station announcements such as alterations to programmes, etc.
8.3 p.m.—Popular Night.
Musical programme from the Studio, including vocal and instrumental artists.
10 p.m.—Late News items by courtesy of "The Daily News" Newspaper Co.
Ships within range announcement.
Weather report and forecast.
10.30 p.m.—Close down.

104.5 METRE TRANSMISSION.

Simultaneous broadcast on 104.5 metres of Programme given on 1250 metres, commencing at 6.45 p.m.

7ZL, HOBART

Tasmanian Broadcasters, Ltd.

Wave Length, 516 Metres.

FRIDAY, 8th JUNE, 1928.

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

MATINEE SESSION.

8 p.m.—G.P.O. Clock chimes the hour.
3.1 p.m.—Musical selections.
3.5 p.m.—Hobart Stock Exchange Quotations.
Weather forecasts.
Items of interest—Announcements.
3.15 p.m.—Selections by 7ZL Studio Trio.
During Intervals Mr. Jack Broadbent the popular baritone will be heard in the following numbers:
"At Dawning" (Cadman).
"Up from Somerset" (Squire).
"Your are all that is lovely" (Woodford-Finden).
"King Charles" (White).
4.15 p.m.—Educational Talk.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

6.30 p.m.—Uncle Davids' half hour.
7 p.m.—Uncle Hubert talks to the children.

NIGHT SESSION.

7.30 p.m.—Fruit Poultry and Produce reports through the courtesy of Roberts and Co. Ltd.
7.35 p.m.—Chat on To-morrow's Football Prospects by Mr. Sid Jones.
7.50 p.m.—"Mercury" special Tasmanian news service.
Railway auction produce sales.
Weather forecasts.
Hobart Stock Exchange quotations.
8 p.m.—G.P.O. Clock chimes the hour.
8.1 p.m.—7ZL's Plantation Night.
Famous plantation songs of melodies including, "Way down upon the Swanee River."
"Old Folks at Home."
"Poor Old Jone."
"I Love dat ole nigger face."
8.50 p.m.—"Mercury" special Interstate news service.
Ships within wireless range.
Tasmanian District Weather reports.
9 p.m. Weather forecasts.
Weather reports from Australian Capital cities.
Station announcements.
Saturday's programme.
10 p.m.—G.P.O. Clock chimes the hour.
Our Tasmanian Goodnight thought. We shall forget to feed others and put them to bed, but ourselves—never.
10.2 p.m.—The King.
10.3 p.m.—Close down.

Saturday, June 9

2FC, SYDNEY.

EARLY MORNING SESSION.

7 a.m.—"Big Ben" and announcements.
7.5 a.m.—Studio music.
7.20 a.m.—Country Session: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services.
7.25 a.m.—Investment market, mining share market, metal quotations.
7.35 a.m.—Wool sales, breadstuffs market, Interstate markets, produce markets.
7.45 a.m.—"Sydney Morning Herald" summary.
7.50 a.m.—Studio music.
8 a.m.—"Big Ben." Close down.

MORNING SESSION.

10 a.m.—"Big Ben" and announcements.
10.5 a.m.—Studio music.
10.15 a.m.—"Sydney Morning Herald" news service.
10.30 a.m.—Studio music.
10.35 a.m.—A Talk on Racing by the 2FC Racing Commissioner.
10.45 a.m.—Studio music.
11 a.m.—"Big Ben."
A.P.A. and Reuter's Cable Services.
11.5 a.m.—A Talk on Gardening by Mr. G. J. Lockley ("Redgum").
11.30 a.m.—Close down.

MIDDAY AND AFTERNOON SESSIONS.

12 noon.—"Big Ben" and programme announcements.
12.2 p.m.—Stock Exchange information.
12.3 p.m.—Studio music.
12.10 p.m.—"Sydney Morning Herald" news service.
12.15 p.m.—Rugby wireless news.
12.20 p.m.—Studio music.
Note: From the Randwick Racecourse: Events of the A.J.C. Meeting at Randwick will be described by the 2FC Racing Commissioner.
During racing intervals musical items will be given from the studio.
1 p.m.—"Big Ben." Weather intelligence.
1.3 p.m.—"Evening News" midday news service.
1.15 p.m.—Studio music and race descriptions.
2 p.m.—"Big Ben."
Note: During racing intervals the following musical items will be given from the Studio:
Mr. Fakola, novelty pianist.
Harris Brothers, popular instrumental and vocal numbers.
Edith Lovejoy, mezzo-soprano:
(a) "In Mellow Autumntide" (Gordon Temple).
(b) "Sunshine and Rain" (Jacques Blumenthal).
Mona Jepson, pianoforte solos.
4.45 p.m.—Complete sporting resume.
5 p.m.—"Big Ben." Close down.

EARLY EVENING SESSION.

5.40 p.m.—The chimes of 2FC.
5.45 p.m.—The "Hello Man" talks to the children.
6.45 p.m.—Weather intelligence, shipping, Stock Exchange, and Rugby wireless news.
6.50 p.m.—Studio talk.
7 p.m.—"Big Ben." Dinner music.
7.25 p.m.—Late sporting information.
7.35 p.m.—Late "Evening News" news service.

NIGHT SESSION.

ORCHESTRAL PROGRAMME.

7.40 p.m.—Programme announcements.
7.45 p.m.—Lloyd Santley, in a group of old-time songs.
7.58 p.m.—A foreword to the next item.
8.0 p.m.—"Big Ben." From the Conservatorium Hall, Sydney. A programme by the Conservatorium Orchestra. Conducted by M. Alfred Hill.
Presents a Wagnarian Programme, including excerpts from his various operas.
Soloist: Vladimir Elin, Russian Baritone.
9.10 p.m.—From the Studio: Late weather forecast.
Oliver King, Basso:
(a) "Ho Jolly Jenkin" (Arthur Sullivan).
(b) "Old Clothes and Fine Clothes" (Martin Shaw).
9.15 p.m.—From the Conservatorium Hall, Sydney:
Continuation of the Wagnarian programme by the Conservatorium Orchestra.
Vocal items by Vladimir Elin, Russian Baritone.
10.10 p.m.—From the Studio: Oliver King, Basso.
(a) "Away for Rio" (Tozer).
(b) "I am a Roamer" (Mendelssohn).
(c) "Come You, Mary" (Croxton).
10.20 p.m.—From the Ambasadors: The Ambassadors' Dance Orchestra, conducted by Manuel Hyman.
10.30 p.m.—From the Studio: Late weather forecast.
10.31 p.m.—The Ambassadors' Dance Orchestra.
10.42 p.m.—From the Studio: Musical Items.
10.50 p.m.—From the Ambassadors: Dance Music. Conductor, Manuel Hyman.
10.57 p.m.—From the Studio: To-morrow's programme and late news.
11.0 p.m.—"Big Ben." The Ambasadors' Dance Orchestra, in popular numbers until 11.45 p.m.
11.45 p.m.—National Anthem. Close down.

2BL, SYDNEY.

SATURDAY, 9th JUNE, 1928.

EARLY MORNING SESSION.
8.0 a.m. to 9 a.m.

MORNING SESSION.

11.0 a.m.—G.P.O. Clock and Chimes; Social Notes by Mrs. Jordan. Talk on "Simple Cooking for Children," by Mrs. Jordan.
12.0 noon.—G.P.O. Clock and Chimes; Special Ocean Forecast and Weather Report.
12.3 p.m.—Musical Programme from the Studio.
12.20 p.m.—News from the "Sun."
12.25 p.m.—Sporting and Athletic Fixtures.
12.27 p.m.—What's on at the Pictures and Theatres?
12.30 p.m.—Musical Programme from the Studio.
12.40 p.m.—News from the "Sun."
12.50 p.m.—Musical Programme from the Studio.
1.0 p.m.—G.P.O. Clock and Chimes; Close Down.

AFTERNOON SESSION.

2.0 p.m.—G.P.O. Clock and Chimes.
During the Afternoon Musical Programme from the Studio, interspersed with descriptions of the Rugby League Football Match, broadcast from the Sydney Cricket Ground.
4.45 p.m.—Racing Resume.
5.0 p.m.—G.P.O. Clock and Chimes; Close Down.

EARLY EVENING SESSION.

5.45 p.m.—G.P.O. Clock and Chimes; Children's Session.
6.30 p.m.—Dinner Music.
7.0 p.m.—G.P.O. Clock and Chimes.
Complete Racing and Sporting Resume.
7.30 p.m.—News from the "Sun."
8.0 p.m.—G.P.O. Clock and Chimes; Broadcasters' Topical Chorus.
8.3 p.m.—Grand Scotch Concert Broadcast from the Auburn Town Hall.
Pipe Selection, Burnside Boys' Pipe Band
Solo, "Sound the Pibroch,"
Mr. Richard McClelland
Solo, "Sing tae me the auld Scotch songs,"
Miss Mabel Batchelor
Scotch Humour ..... Ad Cree
Solo, "Hail Caledonia" ... Amy Ostinga
Violin Solo, "Sweet Afton,"
Mr. Tom Williams
8.30 p.m.—From the Studio: Talk on the Aborigines, by Bringa.
8.45 p.m.—Broadcast from the Stadium: A description of the Boxing Contest, by Mr. Walter E. Withrow.
9.30 p.m.—Broadcast from the Auburn Town Hall:
Pipe Selection .. Burnside Boys' Pipe Band
Solo, "McGregor's Gatherin'."
Mr. Kenneth Hunt
Solo, "Land o' Hame and Purple Heather."
Miss Amy Ostinga
Highland Lancers.
Solo, "Will ye no come back,"
Miss Mabel Batchelor
Violin solo, "Ye Banks and Braes,"
Mr. Tom Williams
Solo, "Jock, Tam and Rab,"
Mr. Richard McClelland
Scotch Humour ..... Mr. Ad Cree
10.15 p.m.—From the Studio: Resume of Following Day's Programme.
10.20 p.m.—The Wentworth Cafe Orchestra, under the Direction of Mr. Jimmy Elkins, broadcast from the Wentworth.
During Intervals between Dances, "Sun" News will be broadcast.
11.45 p.m.—G.P.O. Clock and Chimes; National Anthem.

2GB, SYDNEY

SATURDAY, 9th JUNE, 1928.

EVENING SESSION.

5.30 p.m.—Children's Session by Uncle George.
7 p.m.—Music.
8 p.m.—Opening Chorus.
8.2 p.m.—Request Evening.
10 p.m.—Close down.

2 UW, SYDNEY

SATURDAY, 9th JUNE, 1928.

EVENING SESSION.

7 p.m.—Items from the studio.
7.10 p.m.—Where to go session.
7.15 p.m.—Instrumental items.
7.45 p.m.—News, mails and shipping.
8 p.m.—Dance programme by courtesy of Morley Johnson Ltd.
9 p.m.—Request numbers.
9.30 p.m.—Instrumental and vocal items.
10 p.m.—Announcements and close down.

3LO, MELBOURNE.

SATURDAY, 9th JUNE, 1928.

EARLY MORNING SESSION.

7.15 a.m.—Morning Melodies.
7.20 a.m.—PHYSICAL CULTURE EXERCISES (to Music).
7.27 a.m.—Morning Melodies.
7.33 a.m.—WEATHER FORECAST for all States.
7.40 a.m.—NEWS.
8 a.m.—Melbourne Observatory Time Signal.
8.1 a.m.—Express Train information.
8.2 a.m.—Morning Melodies.
8.5 a.m.—NEWS. Sporting information. Shipping. Stock Exchange fluctuations.
8.13 a.m.—Morning Melodies.
8.15 a.m.—Close down.

MORNING SESSION.

11 a.m.—ERIC WELCH will speak on to-day's Races.
11.8 a.m.—THE STATION ORCHESTRA: "Musical Jokes" (Hamer).
11.18 a.m.—NETTA RODNEY, Soubrette: "Stay Out of the South" (Dixon). "Red Lips" (Wendling).
12.25 p.m.—THE STATION ORCHESTRA: Selection, "Paul Jones" (Planquette).
11.30 a.m.—EILEEN BOYD, Contralto: "One More" (Somerset). "How Did Everybody Know" (Ewing).
11.37 a.m.—THE GYPSY PLAYERS: "Songs from the Old Folks" (Lake).
11.47 a.m.—MADAME LAMBERT, Soprano: "Carmen Seguedilla" (Bizet). "Carmen Habenera" (Bizet).
11.54 a.m.—THE GYPSY PLAYERS: Quartet: "Scherzo" (Mendelssohn).

MIDDAY SESSION.

12 noon.—Melbourne Observatory time signal.
12.1 p.m.—Metal prices received by the Australian Mines and Metals Association, from the London Stock Exchange this day. British Official Wireless News from Rugby. Reuter's and the Australian Press Association cables. "Argus" news service.
12.20 p.m.—THE STATION ORCHESTRA: Selection, "Tip-Toes" (Gershwin).
12.30 p.m.—NETTA RODNEY, Soubrette: "Marianette" (Herscher). "Gonna Get a Girl" (Ash).
12.37 p.m.—Stock Exchange information.
12.40 p.m.—THE STATION ORCHESTRA: "Prairie Sketches" (C. W. Cadman).
12.45 p.m.—EILEEN BOYD, Contralto: "Keep Your Toys, Laddie Boy" (Ketelby). "Baby Feet go Pitter Patter" (Kahn).
12.53 p.m.—BESSIE GAUNSON, Violin. "Selected."
1 p.m.—Melbourne Observatory Time Signal.
1.1 p.m.—Meteorological information. Weather forecast for Victoria, Tasmania, South Australia and New South Wales. Ocean forecasts. River reports.
1.8 p.m.—THE GYPSY PLAYERS: Selection, "The Dollar Princess'" (Fall).
1.15 p.m.—MADAME LAMBERT, Soprano: "Request Items."
1.22 p.m.—THE STATION ORCHESTRA: "The Fire Fly" (Friml).
1.35 p.m.—Description of BASEBALL MATCH, St. Kilda v. University, at St. Kilda, by Percy Steel.
1.45 p.m.—Close down.
1.58 p.m.—Description of Banya Hurdle Race, 2 miles, MOONEE VALLEY RACES, by Eric Welch.
2.5 p.m.—Close down.

AFTERNOON SESSION.

2.15 p.m.—HARRY SHUGG'S BAND. "Dance Music."
2.27 p.m.—Description of Warrcona Welter, 6 furlongs, MOONEE VALLEY RACES, by Eric Welch.
2.35 p.m.—Description of BASEBALL, St. Kilda v. University, at St. Kilda, by Percy Steel.
2.45 p.m.—Description of LEAGUE FOOTBALL—St. Kilda v. Geelong, at St. Kilda, by Rod McGregor.
2.57 p.m.—Description of Brunswick Steeple, 2 miles, MOONEE VALLEY RACES, by Eric Welch.
3.5 p.m.—HARRY SHUGG'S BAND: Selection, "Popular Airs."
3.20 p.m.—Description of LEAGUE FOOTBALL—St. Kilda v. Geelong, at St. Kilda, by Rod McGrDegor.
3.37 p.m.—Description of Nonga Handicap, 9½ furlongs, MOONEE VALLEY RACES, by Eric Welch.
3.45 p.m.—Quarter Time Scores—League and Association Football.
3.47 p.m.—HARRY SHUGG'S BAND. Selection, "Comic Opera."
4 p.m.—Description of LEAGUE FOOTBALL—St. Kilda v. Geelong, at St. Kilda, by Rod McGregor.
4.17 p.m.—Description of Keera Welter Handicap, 1 mile, MOONEE VALLEY Races, by Eric Welch.

4.25 p.m.—Half Time Score—League and Association Football.
4.27 p.m.—HARRY SHUGG'S BAND. Selection, "Waltzes."
4.35 p.m.—Description of LEAGUE FOOTBALL—St. Kilda v. Geelong, at St. Kilda, by Rod McGregor.
4.45 p.m.—HARRY SHUGG'S BAND. Selection, "Marches."
4.48 p.m.—Description of Morang Handicap, 7 furlongs, MOONEE VALLEY Races, by Eric Welch.
4.55 p.m.—Threequarter Time Scores—League and Association Football. Announcements.
5 p.m.—Description of LEAGUE FOOTBALL—St. Kilda v. Geelong. at St. Kilda. by Rod McGregor.
510 p.m.—Herald News Service. Stock Exchange Information.
5.25 p.m.—Close down.
5.50 p.m.—All Sporting Results. Final football scores.

EVENING SESSION.

6 p.m.—Answers to Letters and Birthday Greetings by "LITTLE MISS KOOKABURRA."
6.20 p.m.—CAPTAIN DONALD MacLEAN. "The Spanish Conquests"—How the Dons Discovered the Treasures of the World.
6.30 p.m.—Musical Interlude.
6.40 p.m.—"LITTLE MISS KOOKABURRA:" A Story for the Tiny Tots: "All about Bob Bunny." And for the Elder Ones: "Pickles and Prowl."
NEWS AND MARKET REPORTS.
7 p.m.—Sporting Results.
7.5 p.m.—Herald News Service. Weather Synopsis. Shipping Movements.
7.12 p.m.—Stock Exchange Information.
7.17 p.m.—River Reports.
7.20 p.m.—Market reports by the Victorian Producers' Co-operative Co. Ltd.: Poultry. grain, hay. straw, jute, dairy produce, potatoes and onions. Market reports of fruit by the Victorian Fruitgrowers' Association—retail prices. Whoesae prices of fruit by the Whoesale Fruit Merchants' Association. Citrus fruits.

NIGHT SESSION.

7.30 p.m.—CLARENCE WEBER, Physical Culture Expert, will speak.
7.45 p.m.—Dr. J. A. LEACH will speak on: "Frogmouths or Mopokes."
8 p.m.—On June, 9, 1886, occurred the eruption of Mount Tarawera, New Zealand, and the destruction of Wairoa and th efamous Pink Terraces near Lake Rotomahana. On June 9, 1870, died CHARLES DICKENS. the famous novelist, the author of "Pickwick Papers," "David Copperfield," "The Tale of Two Cities," and a long list of other masterpieces. This world, which now numbers over a hundred million, loves him; all who can read his books love him, and shall continue to love him. This love cheered him in his life and will keep his memory green.
Birthday Greetings and Programe Announcements.
8.3 p.m.—CAMP FIRE COMPETITION: 1st West Footscray Troop, CONCERT PROGRAMME:
Opening Chorus the Troop: "The Floral Dance."
Scout R. Conabere: Humorous Recitation: "Cohen at the Telephone."
Scout J. Williams, violin: "Moto Perpetus."
The Troop—Part Song: "Sharp Jack Frost."
Scout, E. Heaney. Accordian: "In a Little Spanish Town."
Scout H. Onians, Recitation: "The Obstructive Hat."
Scout J. Curran, Mouth Organ: "Barcorolle."
The Troop, Chorus: "The Orderlies' Song."
8.28 p.m.—MADAME LAMBERT, soprano: "Two French Songs."
8.35 p.m.—RUPERT HAZELL and ELISE DAY: "Harmonylarity."
8.48 p.m.—THE STATION ORCHESTRA: "Floods of Spring" (Rachmaninoff).
.855 p.m.—AND NOW—TO THE STADIUM. Description of to-night's event at the Stadium by Eric Welch.

FROM THE STUDIO.

10.15 p.m.—THE STATION ORCHESTRA: "A Lover in Damascus" (Finden).
10.25 p.m.—NETTA RODNEY, soubrette: "My Blue Heaven" (Donaldson). "Everything's Made for Love" (Sherman).
10.32 p.m.—THE STATION ORCHESTRA: "My Heart at Thy Sweet Voice" (Saint-Saens). "Recuerdo" (Soro).
10.40 p.m.—EILEEN BOYD, contralto: "Beyond the Dawn" (Sanderson). With Violin obligato by Chas. Taylor. "Surrender" (Edmonds).
10.47 p.m.—Late sporting notes.
11.1 p.m.—THE VAGABONDS, with accompanying Choruses by JACK O'HAGAN and BOB MOLYNEUX, baritones: "Spanish Moon." "Love is Just a Little Bit of Heaven." "My Blue Heaven."
11.9 p.m.—THE VAGABONDS:
11.40 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

SATURDAY, 9th JUNE, 1928.

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

MIDDAY CONCERT SESSION.
12 noon to 1 p.m.

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

MATINEE SESSION.

ORCHESTRAL DANCE CONCERT.

Sport.—During the afternoon the results of the Moonee Valley Races, together with other information, will be broadcast immediately each race is run.
2 p.m.—Ayarz Dansonians. A half-hour Dance Session by Melbourne's favorite dance band. The latest popular hits, each one announced prior to its presentation.
2.30 p.m.—Melbourne Concert Orchestra: "Three Famous Pictures" (H. Wood). "Suite Andalusia" (Miramontes).
2.51 p.m.—Miss Jessie Shmith, contralto: "Elegie" (Massenet). "Don't you mind the sorrows" (Cowles).
2.58 p.m.—Melbourne Concert Orchestra: "Romantic Suite" (Cecil Stanley). "Elegie" (Tschaikowsky).
3.13 p.m.—Miss Jessie Shmith, contralto: "Songs my mother taught me" (Dvorak). "The heart worships" (Holst).
3.21 p.m.—Melbourne Concert Orchestra: "In the Soudan" (G. Sebek).
3.30 p.m.—Announcements.
3.40 p.m.—Melbourne Concert Orchestra: Selection, "Poppy" (Jones and Samuels). Suite, "The Myrtles of Damascus" (A. Woodforde-Finden).
4 p.m.—G.P.O. clock says Four.
4.1 p.m.—Second weather forecast.
4.3 p.m.—Mr. Alan Eddy, bass baritone: "Le Cor" (A. Glegier). "Sylvia" (Oley Speaks).
4.11 p.m.—Melbourne Concert Orchestra: "Remembrance of Joseph Strauss" (Fetras). "Two Entr'actes" (Vincent Thomas).
4.28 p.m.—Mr. Herbert Pettifer, violin: "Chanson Meditation" (Cottenet).
4.32 p.m.—Mr. Alan Eddy, bass baritone: "My Soul" (Carrie Jacobs-Bond). "Morning" (Oley Speaks).
4.40 p.m.—Melbourne Concert Orchestra: "Sylvan Sketches" (H. Helm). "Three Little Oddities" (Zey Confrey).
4.55 p.m.—To-night's entertainment. Announcements.
5 p.m.—G.P.O. clock says Five. God Save the King.

CHILDREN'S SESSION.

6.30 p.m.—"Brer Rabbit's" entertainment.

EVENING SESSION.

DANCE CONCERT.

7.20 p.m.—Sport session. "Harlequin" presents his budget of up-to-date news and comments on sport of the day.
7.45 p.m.—Everyman's Garden. Special week-end talks by Mr. W. R. Warner, President of the Nurserymen's and Seedmen's Association of Victoria.
8 p.m.—G.P.O. clock says Eight.
8.1 p.m.—Ayarz Dansonians.
8.16 p.m.—Mr. Tom Semple, tenor: "My heart's desire" (Clarke). "Thou art like a flower" (Schumann).
8.23 p.m.—Ayarz Dansonians.
8.39 p.m.—The Sundowners' Male Quartet: "Nigger Medley" (O'Hara). "Alabama" (Foster).
8.47 p.m.—Mr. Tom Semple (tenor) and Mr. Herbert Sanderson (baritone): Duet, "O, lovely night" (Landon Ronald).
8.50 p.m.—Announcements.
9.2 p.m.—Ayarz Dansonians.
9.18 p.m.—Mr. Herbert Sanderson, baritone: "Sea fever" (Ireland). "The last call" (Sanderson).
9.26 p.m.—Ayarz Dansonians.
9.40 p.m.—Mr. Robert Allen, alto: "She is far from the land" (Lambert) "A fat lil' feller" (Gordon).
9.48 p.m.—Announcements.
10 p.m.—G.P.O. clocks says Ten.
10.1 p.m.—Semi-final weather forecast, specially for our country listeners.
10.3 p.m.—Ayarz Dansonians.
10.19 p.m.—The Sundowners' Male Quartet: "Song of the wanderer" (Moret). "A Russian Lullaby" (Berlin).
10.26 p.m.—Ayarz Dansonians.
10.38 p.m.—Mr. Robert Gillard, bass: "Had a horse" (Korbay). "Far and high the cranes do cry" (Korbay).
10.45 p.m.—"Harlequin." Sports results.
10.52 p.m.—To-morrow's entertainment. Announcements.
10.58 p.m.—Final weather forecast.
10.59 p.m.—Our Australian Good-night Quote is taken from the poem, "Australia," by Dowell O'Reilly.
11 p.m.—G.P.O. clock says Eleven. God Save the King.

4QG, BRISBANE.

SATURDAY, 9th JUNE, 1928.

NO MORNING TRANSMISSION.

NO MIDDAY TRANSMISSION.

AFTERNOON SESSION.

The Q.T.C.'s Race Meeting will be described direct from the Eagle Farm Course. The transmission will commence with the start of the first race.
5 p.m.—Close down.

EARLY EVENING SESSION.

6 p.m.—News bulletin for distant listeners supplied by courtesy of "The Queenslander."
6.30 p.m.—Bedtime stories by "Uncle Ben" and "Uncle Pete."
7.15 p.m.—Racing results.
7.20 p.m.—To-day's sporting news described.
7.30 p.m.—Sailing notes by Mr. Fred Smith.

NIGHT SESSION.

To-night's programme will comprise the relaying of the choral session, Murwillumbah Musical Festival.
8 p.m.—Choral session Musical Festival, including Grand Choral Contest, Male Choir Contest, and Ladies' Choir Contest.
10 p.m.—"The Sunday Mail" news. Weather news. Close down.

5CL, ADELAIDE

SATURDAY, 9th JUNE, 1928.

EARLY MORNING SESSION.
7.45 a.m. to 9 a.m.

MORNING SESSION.

10.30 a.m.—G.P.O. Chimes.
10.31 a.m.—"The Advertiser" News service and International News.
11 a.m.—G.P.O. Chimes.
11.1 a.m.—Studio music.
11.30 a.m.—Close down.

AFTERNOON SESSION.

1 p.m. (Approx).—Relay from Victoria Park, a running description of events of the S.A. Licensed Victuallers Racing Club's meeting, by Mr. Arnold Treloar. Riders and positions will be given fifteen minutes before the advertised time of starting of each race, and the relay will be interspersed with League football and interstate racing results, and music from the studio.
5 p.m. (Approx).—Close down.

EVENING SESSION.

6 p.m.—G.P.O. Chimes.
6.1 p.m.—Children's entertainment, greetings, and bedtime stories.
6.30 p.m.—Dinner music.
7 p.m.—G.P.O. Chimes.
7.1 p.m.—S. C. Ward and Co.'s Stock exchange intelligence.
7.8 p.m.—Talk by Rev. G. E. Hale, B.A.: "Books I have enjoyed."
7.2 p.m.—"Items of Interest" by C. G. Riley.
7.38 p.m.—To-day's League football in review.
7.45 p.m.—Summary of local and interstate sporting, including, Victoria Park racing.
8 p.m.—G.P.O. Chimes.
Accompaniste, Mrs. Hubert James.
8.1 p.m.—Lewis Jones, A.M.U.A.:
"Liebeslied" (Kreisler).
"Liebesfried" (Kreisler). vielin solos.
9.8 p.m.—Linda Wald, soprano:
"Serenata" (Tosti).
8.15 p.m.—Don Parnell in some humor.
8.21 p.m.—George Cowley, baritone:
"The Reason" (Del Riego).
'A'rise O'Sun."
8.26 p.m.—Lewis Jones, A.M.U.A., violinist:
"Cavatina" (Raff).
"Slavonic Dance in E Minor" (Kreisler).
8.32 p.m.—Linda Wald, soprano:
"The Market."
8.37 p.m.—The Glenelg Maison Danse Band.
8.50 p.m.—George Cowley, baritone:
"Sweetheart o'Mine."
8.54 p.m.—Don Parnell, comedian:
"A yard of Lace."
9.1 p.m.—International News.
9.14 p.m.—Reg Harris, tenor, in selected numbers.
9.39 p.m.—The Glenelg Maison Dance Band.
9.50 p.m.—Keith Clarke, tenor:
"A Dream."
"Serenade" (Schubert).
9.54 p.m.—Instrumental Duo, Smith and Dickie:
"A Banjo Vamp."
"Spied Well."
10.1 p.m.—Interstate and local Sporting results
10.15 p.m.—Keith Clarke, tenor:
"The Bloom is on the Rye."
"My Kingdom."
10.21 p.m.—The Glenelg Maison Dance Band.
10.55 p.m.—To-morrow's programme.
11 p.m.—G.P.O. Chimes and National Anthem.

6WF, PERTH.

SATURDAY, 9th JUNE, 1928.

MIDDAY SESSION.

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.—Markets, News, and Cables.
1 p.m.—Time signal.
1.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.
1.2 p.m.—Close down.

AFTERNOON SESSION.

3.15 p.m.—Tune in.
3.20 p.m.—Sporting Session.
Musical programme from the Studio, including vocal and instrumental numbers.
Racing results and Football scores (¼ time scores).
5.30 p.m.—Close down.

EVENING SESSION.

6.45 p.m.—Tune in.
The evening transmission is broadcast on 104.5 metres as well as the usual wavelength.
6.50 p.m.—Stories for the Kiddies by Uncles Henry, Percy and Duffy.
7.10 p.m.—Sports results.
7.20 p.m.—Markets, News, and Cables.
7.45 p.m.—Talk.
8 p.m.—Time signal.
8.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.
Station announcements such as alterations to programmes, etc.
8.3 p.m.—Music and Song.
Musical programme from the Studio, including vocal and instrumental artists.
Dance music by Colin Smith's Orchestra, relayed from the Perth Palais Royal.
10 p.m.—Late News items by courtesy of "The Daily News" Newspaper Co.
Ships within range announcement.
Weather report and forecast.
Sports results.
10.30 p.m.—Close down.

104.5 METRE TRANSMISSION.

Simultaneous broadcast on 104.5 metres of Programme given on 1250 metres, commencing at 6.45 p.m.

7ZL, HOBART

SATURDAY, 9th JUNE, 1928.

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

MATINEE SESSION.

2.45 p.m.—Broadcast from North Hobart Oval description of the Football Match North Hobart v New Town by Mr. Sid Jones. During this session racing results will be broadcast. Close down at conclusion of Football.

CHILDREN CORNER.

6.30 p.m.—Uncle Davids' half hour.
7 p.m.—Uncle Hubert's corner.

EVENING SESSION.

7.30 p.m.—Musical selections from the studio.
7.50 p.m.—"Mercury" special Tasmanian news service.
Sporting results.
Hobart Stock Exchange Quotations.
8 p.m.—G.P.O.Clock chimes the hour.
8.1 p..m—Musical selections from the Studio. During this session Mr. Val Uldrick, entertainer, will be heard in the following items:
"Hello Hinkler" (by request).
"Thinking." Selected Pianoforte numbers giving their wonderful imitation as the human Player Piano.
8.15 p.m.—7ZL's Dancing Session.
10.20 p.m.—British Official Wireless news.
"Mercury" special Interstate news service.
Ships within wireless range.
Weather information.
Station announcements.
Sunday's programme.
10.30 p.m.—Our Tasmanian Good Night thought.
If you suspect a man, don't employ him. If you employ him, don't suspect him.
10.31 p.m.—The King.
10.32 p.m.—Close down.

Sunday, June 10

2FC, SYDNEY.

MORNING SESSION.

10.55 a.m.—Programme announcements.
11 a.m.—From St. Andrew's Cathedral, George Etreet, Sydney:
The Morning Service, conducted by the Very Rev. Dean Talbot, Dean of Sydney.
12.10 p.m.—From the Studio:
News and musical items.
12.30 p.m.—Close down.

AFTERNOON SESSION.

3 p.m.—"Big Ben" and programme announcements.
3.5 p.m.—From the Lyceum Hall, Pitt Street, Sydney:
The Pleasant Sunday Afternoon Service of the Central Methodist Mission:
A special Programme of Choral, Solo, and Instrumental Music, arranged by Warwick Mackenzie.
4 p.m.—"Big Ben."
From the Band Rotunda, Manly Beach:
A programme by the Manly Municipal Band. Conductor, James Pheloung.
5 p.m.—"Big Ben." Close down.

EVENING SESSION.

6 p.m.—"Big Ben" and programme announcements.
6.5 p.m.—From the Capitol Theatre, Sydney:
A Recital on the "Wurlitzer" organ by Fred Scholl.
7.25 p.m.—From St. Mark's, Church of England, Darling Point:
The Evening Service, conducted by Canon E. Howard Lea.
8.30 p.m.—From the Olympic Theatre, Manly:
The Manly Municipal Band, conducted by James Pheloung.
9.30 p.m.—From the Studio:
Peter Gawthorne, baritone (by permission of J. C. Williamson Ltd.).
9.40 p.m.—Laurence Godfrey Smith, pianoforte solos:
(a) "Sonata in A Flat" (Beethoven).
(b) "MacDowell" Group.
10.5 p.m.—Peter Gawthorne, baritone (by permission of J. C. Williamson Ltd.).
10.15 p.m.—National Anthem.
Close down.

2BL, SYDNEY.

SUNDAY, 10th JUNE, 1928.

10.45 a.m.—G.P.O. Clock and Chimes; "Sun" News Service.
11.0 a.m.—Service Broadcast from St. Jude's Church of England, Randwick. Rector, Canon Cakebread.

AFTERNOON SESSION.

2.0 p.m.—G.P.O. Clock and Chimes; Special Session for Children in Hospitals.
2.15 p.m.—H.M.V. Gramophone Recital.
2.45 p.m.—Information Service.
3.0 p.m.—Organ Recital by Mr. N. Robins, broadcast from the Arcadia Theatre, Chatswood.
4.0 p.m.—Pleasant Sunday Afternoon Broadcast from the Leichhardt Methodist Mission.
5.0 p.m.—G.P.O. Clock and Chimes; Close Down.

EVENING SESSION.

5.45 p.m.—G.P.O. Clock and Chimes; Children's Session.
7.15 p.m.—Service Broadcast from Chalmers' Presbyterian Church, City.
8.30 p.m.—Band Recital by the North Sydney Tramway Band, broadcast from Manresa Hall, North Sydney.
9.15 p.m.—From the Studio: Miss Bertha Waters (Soprano).
9.22 p.m.—Mr. Gerald Walenn (Violinist).
9.29 p.m.—Mr. Stanley R. Catlett (Tenor).
9.36 p.m.—Mr. Bryce Carter ('Cellist).
9.43 p.m.—Miss Bertha Waters.
9.50 p.m.—Mr. Gerald Walenn.
9.57 p.m.—Resume of Following Day's Programme; Weather Report and Forecast by courtesy of Mr. C. J. Mares, Government Meteorologist.
10.1 p.m.—Mr. Stanley R. Catlett.
10.8 p.m.—Mr. Bryce Carter.
10.15 p.m.—G.P.O. Clock and Chimes; National Anthem.

2GB, SYDNEY

SUNDAY, 10th JUNE, 1928.

MORNING SESSION.

10.15 a.m.—Organ Music from St. Alban's Liberal Catholic Church.
10.30 a.m.—Morning Service.
12 noon.—Close down.

EVENING SESSION.

4.30 p.m.—Service by Mr. H. Bradley.
5.30 p.m.—Children's Session by Uncle George.
7.15 p.m.—Lecture from Adyar Hall.
8.15 p.m.—Sacred Concert arranged by Straube Piano Co.
10 p.m.—Close down.

2 UW, SYDNEY

SUNDAY, 10th JUNE, 1928.

MORNING SESSION.

10.30 a.m.—Studio music.
10.45 a.m.—Special H.M.V. recital by courtesy of the Gramophone Co., 163 Pitt St. Sydney.
11.30 a.m.—Vocal and instrumental selections.
12noon.—Request numbers.
12.30 p.m.—Announcements and close down.

EVENING SESSION.

7 p.m.—Studio items.
7.10 p.m.—Instrumental and vocal items.
7.30 p.m.—Talk by Mr. J. M. Prentice—the original Uncle Jack of 2BL.
7.50 p.m.—Items from the studio.
8.10 p.m.—Request numbers.
8.50 p.m.—Weather forecast.
8.55 p.m.—Instrumental and vocal items.
9.30 p.m.—Announcements and close down.

3LO, MELBOURNE.

SUNDAY, 10th JUNE, 1928.

MORNING SESSION.

"Give strength, give thoughts, give deeds, give help,
Give love, give tears and give thyself;
The more we give
The more we live."—F. W. Farrar.

MORNING SERVICE FROM ST. PAUL'S CATHEDRAL, MELBOURNE:

10.30 a.m.—Express Train Information.
10.31 a.m.—Bells from St. Paul's Cathedral.
10.45 a.m.—MORNING SERVICE FROM ST. PAUL'S CATHEDRAL:
PREACHER, REV. F. E. C. CROTTY.
Sentence. Exhortation. General Confession. The Absolution. The Lord's Prayer. Versicles and Responses. The Venite. Psalms 1, 2 and 3. 1st Lesson: Joshua 1. 2nd Lesson: St. Mark 2, 1-22. Te Deum and Jubilate (Stanford in C). The Apostles' Creed. The Collects. Anthem, "My Soul, there is a Country" (Parry). Prayers. Hymn (A. and M.) 7 "Christ, whose Glory fills the Skies." SERMON, REV. F. E. C. CROTTY. Hymn 167, Tune "Hanover," "O Worship the King." The Blessing.
12.15 p.m.—FROM THE STUDIO:
British Official Wireless News from Rugby. News from Yesterday's Papers.
12.30 p.m.—Close down.

AFTERNOON SESSION.

Announcer ..... FRANK HATHERLEY.
2 p.m.—SONORA RECITAL OF THE WORLD'S MOST FAMOUS RECORDS:
ORCHESTRA:
(a) "The Planets," No. 3 Mercury.
(b) "The Perfect Fool": Dance of the Spirits of the Earth" (Holst).
Symphony Orchestra, conducted by Albert Coates.
Opera: "The Perfect Fool."
2. MALE QUARTET:
(a) "Corpus Christi Carol" (Shaw).
(b) "The Keeper" (Cecil Sharp).
(c) "Caleno Custere me" (arr. Taylor Harris).
(b) "I am a Bright and Sprightly Lad" (arr. Hullah).
John Goss (baritone) and Cathedral Male Voice Quartet.
3. ORCHESTRAL:
"Lohengrin Prelude," Parts 1 and 2 (Wagner).
London Symphony Orchestra, conducted by Siegfried Wagner, the famous Conductor.
4. CHOIR:
"I Waited for the Lord" (Mendelssohn).
Choir of the Temple Church. Soloist, Masters E. Longh and R. Ballett.
5. BAND:
"La Traviata": Selections, Parts 1 and 2 (Verdi).
Creatore's Band.
6. VOCAL DUETS:
"Tales of Hoffman."
"Barcarolle—Night of Love" (Offenbach).
Lucrezia Bori and Lawrence Tibbett.
"Calm as the Night" (Goetze).
7. ORCHESTRA:
"The Waltzing Doll" (Poldini).
"At Dawning" (Cadman).
New Light Symphony Orchestra.
3 p.m.—PLEASANT SUNDAY AFTERNOON SERVICE FROM CENTRAL MISSION, Lonsdale Street, Melbourne:
Chair, Rev. C. Irving Benson.
Hymn, No. 68, "Sing We the King." Prayer, Rev. C. Irving Benson. Orchestral Selection, Mr. C. M. Williams, conductor. Hymn No. 60, "O Pilgrim Bound for the Heavenly Land." Solo, Mr. W. J. Cadzow. Orchestra. Solo, Mr. W. J. Cadzow. Notices. Offering. Orchestra. Address, Dr. F. J. MacKEDDIE: "The Health of the Nation." National Anthem. Benediction. Orchestra.
4.30 p.m.—Close down.

EVENING SESSION.

6 p.m.—Answers to Letters and Birthday Greetings by "BILLY BUNNY."
6.20 p.m.—BROTHER BILL:
"David Livingstone—the Pathfinder."
6.45 p.m.—Bells from St. Paul's Cathedral.

NIGHT SESSION.

Announcer ..... FRANK HATHERLEY.
7 p.m.—EVENING SERVICE FROM WESLEY CHURCH, MELBOURNE:
Conducted by REV. C. IRVING BENSON.
Introit, "The Lord is in His Holy Temple."
Prayer, "The Outer Gate."
Hymn, "Crown Him with Many Crowns."
Prayer, "The Inner Court."
Anthem.
Scripture Reading.
Intimations and Offering.
Anthem.
Hymn, "O Love of God, how strong and true."
MONTHLY BOOK SERMON.
Hymn, "Savior, again to Thy dear Name we raise."
Benediction.
Sevenfold Amen.

FROM THE STUDIO:

8.30 p.m.—Birthday Greetings and Programme Announcements. Island Shipping Movements.
8.33 p.m.—Record Feature of the Week.
8.35 p.m.—MALVERN TRAMWAYS BAND: Selection, "Tschaikowsky's Works" (Reynolds), by request.
8.47 p.m.—DONALD McBEATH, violin:
"Romance" (Svensden).
"Rondino" (Beethoven).
8.54 p.m.—THE STORY OF AN OPERA, under the direction of WILLIAM G. JAMES.
9.34 p.m.—MALVERN TRAMWAYS BAND: Prelude and Intermezzo, from the "Merchant of Venice."
9.40 p.m.—DONALD McBEATH, violin:
"Romance" (Wieniawski).
"Midnight Bells" (Heuberger).
9.47 p.m.—MALVERN TRAMWAYS BAND: Air Varie, "Edwinstone" (Hume).
9.52 p.m.—"Argus" News Service. Announcements.
The Royal Automobile Club of Victoria's SAFETY MESSAGE for to-day is:—"When driving do not attempt to carry on a conversation with others in the car. Safe driving demands your full and undivided attention."
"GOD SAVE THE KING."

3AR, MELBOURNE

SUNDAY, 10th JUNE, 1928.

MORNING CHURCH SESSION.

10.30 a.m.—Chimes from St. John's Church, Toorak.
11 a.m.—Morning Service from Toorak Presbyterian Church.
Precher: Rev. J. Mackenzie.

AFTERNOON SESSION.

CHAMBER MUSIC CONCERT.
By the Llanarth String Quartette, assisted by Kathleen May, Soprano. At the piano, Kathleen Bradshaw, Louise McNicol, 1st Violin; Amelda Clancy, 2nd violin; Florence Gilder, Viola and Stafford Byrne, cello.
3 p.m.—Quintette:
"First Movement" (Brahms, Op. 34.)
"Concerto from To Violins" (Bach).
Kathleen May, soprano (accompanied by String Quartette).
"My Lovely Celia" (Munro).
"The Plague of Love" (Dr. Arne).
Quartette:
(a) "Andante Cantabile" (Tschaikowsky).
(b) "Scherzo" (Tschaikowsky).
Trio:
"Trio" (N. W. Gade, Op. 42).
Quartette:
Kathleen May, soprano (accompanied by String Quartette):
(a) "Pieta Signore" (Stradella).
(b) "Pier Dicesti" (Lotti).
Quintette:
"Andante and Scherzo" (Brahms, Op. 34).
4.30 p.m.—God Save the King.

CHILDREN'S SESSION.

6 p.m.—Special Children's Hour.

EVENING CHURCH SESSION.

7 p.m.—Evening Service from the Cairns Memorial Church.
Preacher: Rev. F. A. Hagenauer, M.A.

EVENING SESSION.

8.30 p.m.—Brunsick Panatrope Entertainment, broadcast from Panatrope House, 252 Collins Street (by exclusive permission of Wills and Paton, Ltd.) under the direction of the Panatrope Committee:
Chairman: Mr. W. D. S. Taylor.
Selector: Mr. Seymour Nixon.
Direction: Mr. John Feil.
8.31 p.m.—Willem Mengelberg's Orchestra: Introduction "Lohengrin," Act 1 (Wagner). In two parts.
8.39 p.m.—Madame Maria Kurenko, soprano:
"Una Voce Poco Fa" from Barbiere Di Siviglia (Rossini).
"I Vespri Sigiliani" (Verdi).
8.47 p.m.—Mr. Herbert Walton, Organ:
"Ave Maria (Schubert).
"Fugue, Alla Gigue" (Bach).
8.55 p.m.—Signorina G. Arangi Lombardi, soprano, and Signor Francesco Merli, tenor:
Duet: "O Terra Addio," from Aida (Verdi).
Duet: "Nel Fiero Anelito," from Aida (Verdi).
9.3 p.m.—Signor Riccardo Stracciari, baritone:
"Luntananza" (De Curtis).
"Sto Penzanno 'A Maria" (De Curtis).
9.9 p.m.—Madame Sophe Braslau, contralto:
"Come to Me O Beloved" (Malipiero).
"Lucrezia Borgia" (Donizetti).
9.17 p.m.—Alert Sandler's Grand Hotel (Eastbourne) Orchestra:
"Down in the Forest" (Landon Ronald).
"Fantasie" from La Tosca (Puccini).
9.23 p.m.—Mr. Richard Bonelli, baritone:
"Calling me Home to You" (Teschemacher-Dorei).
"Tommy Lad" (Teschemacher-Dorei).
9.29 p.m.—New Queen's Hall Light Orchestra: Selection, "Madame Butterfly" (Puccini). In two parts.
9.37 p.m.—Signor Eduardo de Muro Lomanto, tenor:
"A Marecchiare" (Tosti).
"Mattinata" (Leoncavallo).
9.43 p.m.—Mr. Charles Hackett, tenor:
"L'Elisir d'Amore" (Donizetti).
'Le Reve," from Manon (Massenet).
9.51 p.m.—Regal Military Band:
"Under the Double Eagle" (Wagner).
9.55 p.m.—"Age" news bulletin, exclusive to 3AR.
9.58 p.m.—Weather forecast.
9.59 p.m.—Our Australian Good Night Quote is taken from the poem, "Wild Flowers," by Dowell O'Reilly.
10 p.m.—G.P.O. Clock says "Ten."

4QG, BRISBANE

SUNDAY, 10th JUNE, 1928.

MORNING SESSION.

The complete Morning Service will be relayed from St. Stephen's Roman Catholic Cathedral.
11 a.m.—Morning Service.
12.30 p.m.—Close down.

AFTERNOON SESSION.

The Afternoon Service will be relayed from the Church of Denmark, George Street, Brisbane. Preacher, Rev. J. P. C. Ligaard.
2.15 p.m.—Afternoon Service.
3.15 p.m.—FROM THE BOTANIC GARDENS. Band Concert.
4.30 p.m.—Close down.

NIGHT SESSION.

The complete Evening Service will be relayed from St. Stephen's Roman Catholic Cathedral.
7.30 p.m.—Evening Service.
At the conclusion of the Church Service the Concert by the Brisbane Municipal Concert Band will be relayed from Wickham Park.
9.30 p.m.—Close down.

5CL, ADELAIDE.

SUNDAY, 10th JUNE, 1928.

MORNING SESSION.

10.45 a.m.—Carillon of bells from St. Andrew's Church, Walkerville.
11 a.m.—G.P.O. Chimes.
11.1 a.m.—Relay from St. Francis Xavier's Cathedral, Divine Service.
12.10 p.m. (Approx).—International news, and close down.

AFTERNOON SESSION.

3 p.m.—G.P.O. Chimes.
3.1 p.m.—Sacred concert by the S.A. Christain Endeavour Union.
4 p.m.—G.P.O. Chimes and close down.

EVENING SESSION.

6.30 p.m.—G.P.O. Chimes.
6.31 p.m.—Running time of East-West express.
6.32 p.m.—Carillon of bells from St. Andrews' Church, Walkerville.
6.37 p.m.—Sunday stories for the children by "The Bird Lady."
7 p.m.—G.P.O. Chimes.
7.1 p.m.—Relay from Parkside Baptist Church, Divine Service.
8.15 p.m.—Sacred Concert from Parkside Baptist Church.
9.10 p.m.—Recital of classical music from the studio.
9.30 p.m.—Talk by Mr. P. H. Nicholls: "The Voice." ffi
9.45 p.m.—International News, and meteorological information.
9.55 p.m.—To-morrow's programme and close down.

6WF, PERTH.

SUNDAY, 10th JUNE, 1928.

MORNING SESSION.

10.45 a.m.—Tune in.
11 a.m.—Morning service relayed from Wesley Church, Hay Street. Preacher, Rev. J. W. Grove, M.A. LL.B.
12.15 p.m.—Close down.

AFTERNOON SESSION.

3.30 p.m.—Tune in.
3.35 p.m.—From the Studio:
Musical programme from the Studio, including vocal and instrumental numbers.
Items by the Grand Instrumental Trio.
4.30 p.m.—Close down.

EVENING SESSION.

7 p.m.—Tune in.
The evening transmission is broadcast on 104.5 metres as well as the usual wavelength.
7.5 p.m.—Children's bedtime stories by Mr. Robert Edmondson.
7.30 p.m.—Evening service, relayed from St. George's Cathedral, Cathedral Avenue, Perth.
8.45 p.m.—A Relay.
After-Church Service, and Concert by the Perth City, Band conducted by Mr. L. M. Price, relayed from Queen's Hall, William Street.
10.5 p.m.—Close down.

104.5 METRE TRANSMISSION.

Simultaneous broadcast on 104.5 metres of Programme given on 1250 metres, commencing at 7 p.m.

7ZL, HOBART

SUNDAY, 10th JUNE, 1928.

MORNING SESSION.

11 a.m.—Church Service from Memorial Congregational Church Hobart: Preacher, Rev. Arthur C. Nelson.
Close down.

AFTERNOON SESSION.

3.30 p.m.—Clock chimes.
3.31 p.m.—Complete Performance of Sullivans Opera:
"The Mickardo."
4.30 p.m.—Close down.

EARLY EVENING SESSION.

6.30 p.m.—Children's Corner with Uncle Mac Biblical stories and Sacred music for all Uncle Mac's Nephews and Niecec.

NIGHT SESSION.

7 p.m.—Church service from St. David's Cathedral, Hobart.
8.25 p.m.—Concert from the Studio:
Complete Performance of Beethoven Quartette in F Major Six Movements:
Quartette in C Minor in Six Movements (Beethovens).
Master Lough, "The Boy" soprano:
"Hear my Prayer" (Mendelssohm).
"I waited for the Lord" (Mendelssohm).
"Hear ye Israch" (Mendelssohm). By request.
9.40 p.m.—"Mercury" special Interstate news service.
Ships within wireless range.
9 p.m. Weather forecasts.
Station announcements.
Monday's programme.
9.45 p.m.—Our Tasmanian Goodnight thought: No shadows fall but there behind it stands the light.
9.46 p.m.—The King.
9.47 p.m.—Close down.

Monday, June 11

2FC, SYDNEY

EARLY MORNING SESSION.

7 a.m.—"Big Ben" and announcements.
7.5 a.m.—Studio Music.
7.20 a.m.—Country Session: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services.
7.25 a.m.—Investment market, mining share markets, metal quotations.
7.35 a.m.—Wool sales, breadstuffs markets, Interstate markets, produce markets.
7.45 a.m.—"Sydney Morning Herald" summary.
7.50 a.m.—Studio Music.
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 p.m.—Last minute Racing information, by the 2FC Racing Commissioner.
10.45 a.m.—Studio Music.
11 a.m.—"Big Ben." Studio Music.
11.15 a.m.—A Talk on Home Cooking and Recipes by Miss Ruth Furst.
11.30 a.m.—Close down.

MIDDAY SESSION.

12 noon.—"Big Ben" and announcements.
12.2 p.m.—Stock Exchange, first call.
12.3 p.m.—Weather forecast, rainfall.
12.5 p.m.—Studio Music: Dance Records.
12.10 p.m.—Summary of "Sydney Morning Herald" news service.
12.15 p.m.—Rugby Wireless News.
12.20 p.m.—Studio Music: Popular Records.
1 p.m.—"Big Ben." Weather Intelligence.
1.3 p.m.—"Evening News" midday news service.
Producers' Distributing Society's Report.
1.20 p.m.—Studio Music: Dance Records.
1.28 p.m.—Stock Exchange, second call.
1.30 p.m.—Studio Music.
1.40 p.m.—Richard Parry, basso.
1.45 p.m.—Studio Music.
1.55 p.m.—Richard Parry, basso.
2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

3 p.m.—Programme announcements.
3.5 p.m.—A Recital of "H.M.V." Records.
3.30 p.m.—Barbara Briscoe, contralto:
(a) "Over the Western Sea" (Mallinson).
(b) "Little Holes in Heaven" (Hope).
3.38 p.m.—William Constable (pupil of Henry Penn), Pianoforte solos:
(a) "At the Convent" (Borodin).
(b) "Two Intermezzos" (Brahms).
3.46 p.m.—John Adam, tenor:
"The Bitterness of Love" (Dunn).
3.50 p.m.—Campbell Brothers:
Musical Act.
4 p.m.—"Big Ben." A Reading.
4.10 p.m.—William Constable (pupil of Henry Penn), pianoforte solos:
(a) "Humoresque" (Rachmininoff).
(b) "The Swan" (Palmgren).
(c) "Noel" (Gardiner).
4.20 p.m.—John Adam, tenor:
"What a Wonderful World" (Lohr).
4.25 p.m.—Campbell Brothers:
Musical Act.
4.35 p.m.—William Constable (pupil of Henry Penn), pianoforte solos:
(a) "Nocturne for Left Hand" (Scriabin).
(b) "Finale Sonata" (Schumann).
4.45 p.m.—Stock Exchange, third call.
4.47 p.m.—Popular "H.M.V." Records.
5 p.m.—"Big Ben." Close down.

EARLY EVENING SESSION.

5.40 p.m.—The Chimes of 2FC.
5.45 p.m.—The "Hello Man" talks to the children.
6.25 p.m.—Children's music.
6.30 p.m.—Late sporting news.
6.35 p.m.—Dalgety's market reports (wool, wheat and stock).
6.43 p.m.—Fruit and vegetable markets.
6.45 p.m.—Stock Exchange information.
6.48 p.m.—Weather and shipping news.
6.50 p.m.—Mrs. Liddell, Hon. Organising Secretary of the Journalists' Ball, will give a short talk.
7 p.m.—From the Hotel Australia:
The Hotel Australia Orchestra.
7.15 p.m.—From the Studio:
Dinner music.
7.30 p.m.—"Evening News" late news service.

NIGHT SESSION.

ORCHESTRAL AND VOCAL NIGHT.

7.40 p.m.—Programme announcements.
7.45 p.m.—Elliott Napier, will give the second talk of his series:
"Walks Abroad."
8.0 p.m.—"Big Ben." Mr. Medley and Mr. Motley.
8.10 p.m.—Edgar Warwick and Eileen Dawn, Radio Sketch:
"Chattering."
8.20 p.m.—Clifford Lathlean, Basso:
8.28 p.m.—The 2FC Studio Orchestra, conducted by Horace Keats:
Overture, "Pique Dame" (Suppe).
8.36 p.m.—Grand Opera Excerpts, with Orchestra:
UBALDO RUSSO (baritone) and LINDA BRADFORD (soprano):
(a) Duet, "Evviva Beviam," from "Ernani" (Verdi).
(b) Solo, "Lolita.," Spanish Serenade (Buzzi Peccia), Ubaldo Russo.
(c) Duet, "Funiculi Funicula" (Denza).
(With Orchestral Accompaniment.)

8.47 p.m.—Graham Kent:
A Talk on Teaching Bridge.
9.0 p.m.—"Big Ben." Late weather forecast.
Clifford Lathlean, Basso.
9.8 p.m.—The 2FC Studio Orchestra:
(a) Selection, "The Country Girl" (Monckton).
(b) "Melodie" (Rachmaninoff).
9.26 p.m.—Ubaldo Russo (baritone), and Linda Bradford (soprano):
Duet, "Parigi o cara," from "La Traviata" (Verdi).
(With Orchestral Accompaniment.)
9.30 p.m.—Edgar Warwick and Eileen Dawn, Sketch:
"Cross Purposes."
9.45 p.m.—The 2FC Studio Orchestra:
(a) 1. "Avant de Mourir" (Boulanger).
2. "Norinka" (Boulanger).
(b) Overture, "Morning, Noon and Night" (Suppe).
10.5 p.m.—Grand Opera Excerpts, with Orchestra:
Ubaldo Russo (baritone), and Linda Bradford (soprano):
(a) Solo, Prologue from "Pagliacci" (Leoncavallo), Ubaldo Russo.
(b) Duet, "Miserere" (Verdi).
(With Orchestral Accompaniment).
10.13 p.m.—The 2FC Studio Orchestra:
(a) Suite, "A Lover in Damascus" (Woodforde-Finden).
(b) "Prelude in G Minor" (Rachmaninoff).
10.28 p.m.—Late weather forecast.
10.30 p.m.—Len Maurice: Dance Session.
10.57 p.m.—To-morrow's programme and late news.
11.0 p.m.—"Big Ben." National Anthem. Close down.

2BL, SYDNEY

MONDAY, 11th JUNE, 1928.

EARLY MORNING SESSION.

8 a.m. to 9 a.m.

MORNING SESSION.

10.30 a.m.—G.P.O. clock and chimes.
Musical programme from the Studio.
11 a.m.—G.P.O. clock and chimes.
Talk on "Tennis" by Miss Varley, Broadcasters' Women's Sports Authority.
12 noon.—G.P.O. clock and chimes.
Special ocean forecast and weather report.
12.3 p.m.—Musical programme from the Studio.
12.12 p.m.—Information. Mails, shipping and port directory.
12.16 p.m.—Boats in call by wireless.
12.18 p.m.—Fruit market report.
12.20 p.m.—Vegetable market report.
12.22 p.m.—Dairy farm and produce market report.
12.26 p.m.—Fish market report.
12.28 p.m.—Rabbit market report.
12.30 p.m.—H.M.V. recital.
1.30 p.m.—G.P.O. clock and chimes.
Talk to children and special entertainment for children in hospital.
2 p.m.—G.P.O. clock and chimes.
Close down.

AFTERNOON SESSION.

Racing information broadcast immediately after each race, by courtesy of the "Sun" Newspayers.
3 p.m.—G.P.O. clock and chimes.
Efficiency exhibition broadcast from the Sydney Town Hall.
4 p.m.—G.P.O. clock and chimes.
News from the "Sun."
4.8 p.m.—Musical programme from the Studio.
4.15 p.m.—News session.
4.30 p.m.—Dungowan Dance Band.
4.50 p.m.—News from the "Sun."
4.57 p.m.—Features of evening's programme.
4.59 p.m.—Racing resume.
5 p.m.—G.P.O. clock and chimes.
Close down.

EARLY EVENING SESSION.

5.45 p.m.—G.P.O. clock and chimes.
Children's session.
6.30 p.m.—Guloransen dinner music.

SPECIAL COUNTRY SESSION.

7 p.m.—G.P.O. clock and chimes.
Racing resume.
Australian Mercantile, Land and Finance Co.'s report.
Weather report and forecast by courtesy of Government Meteorologist.
Producers' Distributing Societys' fruit and vegetable market report.
Stock Exchange report.
Grain and fodder report ("Sun").
Dairy produce report ("Sun").
7.15 p.m.—Country news from the "Sun."

EVENING SESSION.

8 p.m.—G.P.O. clock and chimes.
8.1 p.m.—Miss Hilda Walker, soprano.
8.10 p.m.—The Wurlitzer organ broadcast from the Arcadia Theatre, Chatswood. Oragnist, Mr. N. Robins.
8.22 p.m.—Dismal Desmond, comedian.
8.29 p.m.—From the Stadium: A description of the wrestling contest by Mr. Walter E. Withrow.
9.30 p.m.—The Ahad Duo, steel guitars.
9.37 p.m.—Miss Hilda Walker.
9.44 p.m.—Dismal Desmond.
9.51 p.m.—The Ahad Duo.
9.58 p.m.—Resume of following day's programme.
10.2 p.m.—The Wurlitzer organ broadcast from the Arcadia Theatre, Chastwood.
10.20 p.m.—Romano's Restaurant Dance Orchestra, under the direction of Mr. Merv. Lyons. During intervals between dances, "Sun" news will be broadcast.
11.30 p.m.—G.P.O. clock and chimes.
National Anthem.

2GB, SYDNEY

MONDAY, 11th JUNE, 1928.

MORNING SESSION.

10 a.m.—Music.
10.10 a.m.—Happiness Talk.
10.20 a.m.—Music.
10.30 a.m.—Women's Session.
11.15 a.m.—Close down.

AFTERNOON SESSION.

2 p.m.—Music.
2.20 p.m.—Talk.
2.35 p.m.—Music.
3 p.m.—Close down.

EVENING SESSION.

5.30 p.m.—Children's Session by Uncle George.
7 p.m.—Stock and Market reports by New Zealand Loan and Mercantile Agency Ltd.
7.15 p.m.—Music.
8 p.m.—Opening Chorus.
8.2 p.m.—Flute solos by Mr. Leslie Sproule.
8.9 p.m.—Songs by Mr. Victor Earle.
8.15 p.m.—Address.
8.30 p.m.—Sid and Molly Owen and Joy Slatyer. Instrumentalists.
8.37 p.m.—Humorous Items by Miss Mollie Kirwan.
8.45 p.m.—Pianoforte solos by Miss Molly Jones
8.53 p.m.—Songs by Mr. Victor Earle.
9 p.m.—Talk by Mr. Stan Crittendon.
9.20 p.m.—Flute Solos by Mr. Leslie Spreule.
9.28 p.m.—One Act Play, arranged by Miss Mollie Kirwan.
9.50 p.m.—Sid and Molly Owen and Joy Slatyer. Instrumentalists.
10 p.m.—Close down.

2UW, SYDNEY

MONDAY, 11th JUNE, 1928.

EVENING SESSION.

7 p.m.—Studio items.
7.10 p.m.—Where to go session.
7.10 p.m.—Dinner music.
7.50 p.m.—Mrs. A. Dalton, pianoforte solo. Selected.
7.57 p.m.—Studio Selection.
8 p.m.—News items, mails and shipping.
8.15 p.m.—Mrs. A. Pearce, violin solo. Selected
8.22 p.m.—Studio items.
8.28p.m.—Miss Lilley, mezzo contralto. Selected.
8.35 p.m.—Mrs. A. Dalton, pianoforte solo. Selected.
8.42 p.m.—Dance music.
9 p.m.—Mrs. A. Pearce, violin solo. Selected.
9.7 p.m.—Weather forecast.
9.10 p.m.—Request numbers and dance music.

3LO, MELBOURNE

MONDAY, 11th JUNE, 1928.

SHORT WAVE TRANSMISSION.

4.30 a.m.—Short Wave Transmission on 32 metres.
6.30 a.m.—Close down.

EARLY MORNING SESSION.

7.15 a.m.—Morning Melodies.
7.20 a.m.—Physical Culture Exercises (to music).
7.27 a.m.—Morning Melodies.
7.33 a.m.—WEATHER FORECAST for all States, Mails.
7.40 a.m.—News.
8 a.m.—Melbourne Observatory Time Signal.
8.1 a.m.—Express Train Information.
8.2 a.m.—Morning Melodies.
8.5 a.m.—News. Sporting information. Shipping. Stock Exchange Fluctuations.
8.13 a.m.—Morning Melodies.
8.15 a.m.—Close down.

MORNING SESSION.

Announcer ..... MAURICE DUDLEY.
11 a.m.—3LO'S CULINARY COUNSELS, or How to Create Creature Comforts with a Minimum of Cash.
11.5 a.m.—FLORA PELL, Inspector of Schools, will talk on "Cookery."
11.20 a.m.—Musical Interlude.
11.25 a.m.—"AU FAIT": "Fashion Fancies."
11.40 a.m.—Musical Interlude.
11.45 a.m.—FREDERICK CHAPMAN, A.L.S., F.G.S., Palaeontologist of the National Museum, will speak on "The Paper Nautilus."

MIDDAY SESSION.

12 noon.—Melbourne Observatory Time Signal.
12.1 p.m.—British official wireless news from Rugby. Reuter's and the Australian Press Association cables. "Argus" news service.
12.15 p.m.—COMMUNITY SINGING transmitted from the Assembly Hall, Collins Street, Melbourne. Conductor, G. J. Mackay, assisted by the
GYPSY PLAYERS.
SOLOISTS:
ISOBEL BIDDELL, contralto:
"The Ring upon my Finger" (Schumann).
"The Gardener" (Wolf).
SENIA CHOSTIAKOFF, tenor:
"It is Peaceful and Serene" (Sobolevska).
"The Star" (James Roger).
1.45 p.m.—Stock Exchange Information. Meteorological information. Weather forecast and rainfall for Victoria, New South Wales, Tasmania and South Australia. Ocean forecast. River reports. Announcements.
1.55 p.m.—Close down.
Results of Richmond pony races will be brodacast as they come to hand.

AFTERNOON SESSION.

Announcer ..... MAURICE DUDLEY.
Accompanist ..... AGNES FORTUNE.
2.15 p.m.—THE STATION ORCHESTRA:
"Three Dances from Henry VIII." (German).
2.25 p.m.—MADAME LAMBERT, soprano:
"Air, Aida" (Verdi).
"Aime Moi" (Bembery).

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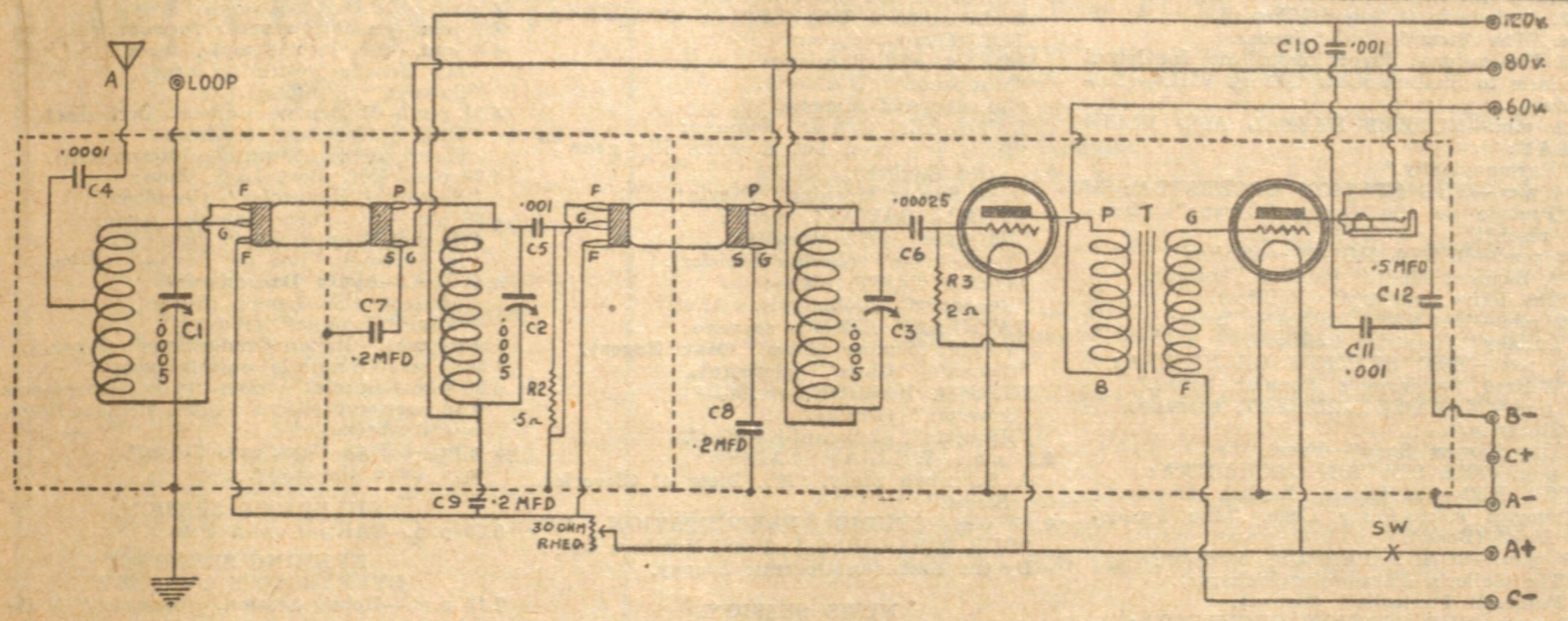

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MAY ISSUE OF RADIO

On Sale all Newsagents and Bookstalls 1/-

2.32 p.m.—THE STATION ORCHESTRA: "Hababera and Vagueros," song from the Opera "Natoma" (Herbert).

2.37 p.m.—AGNES FORTUNE, piano: "Waltz" (Chopin).

2.44 p.m.—THE STATION ORCHESTRA: "Valse Gracieuse" (Ed. German). "Tempo Di Gavotte" (Soro).

2.54 p.m.—BOBBY PEARCE, baritone: "Simon the Cellarer" (Hatton). "Thora" (Adams).

3.1 p.m.—C. E. MONTEATH, Organ Recital, transmitted from St. Peter's Church, Melbourne.
1. Overture to the Oratorio "Samson" (1742) (Handel).
2. Short Prelude and Fugue No. 2 in D Minor (J. S. Bach).
3. Prelude in C Minor (Chopin).
4. "The Swan" (Saint-Saens).
5. Processional March from the Incidental music to Shakespeare's "Henry VIII." (Sullivan).

3.21 p.m.—RUPERT HAZELL AND ELSIE DAY: "Harmonylarity."

3.34 p.m.—THE STATION ORCHESTRA: "Prelude to the Opera "Cyrano" (Demrosch).

3.39 p.m.—BERYL HOLT, contralto: "A Summer Night" (Goring Thomas). "The Fairy Laundry" (Phillips).

3.46 p.m.—TASMA TIERNAN, 'cello: "Lullaby" (Beatrice Phillips).

3.51 p.m.—THE STATION ORCHESTRA: "Wilfred Sanderson's Popular Songs."

4.1 p.m.—MADAME LAMBERT, soprano: "Sincerity." "The Flower Song"—Faust.

4.8 p.m.—THE STATION ORCHESTRA: "Eli Eli"—Traditional Yiddish Melody. Trumpet solo, Percy Code, "The Perfect Day" (Bond).

4.18 p.m.—BOBBY PEARCE, baritone: "The Sailor's Paradise" (Richards). "Funiculli Funiculla" (Denza).

4.25 p.m.—THE STATION ORCHESTRA: Selection, "Kissing Time" (Carlyle).

4.35 p.m.—BERYL HOLT, contralto: "Sunday." "Wiedenlied" (Brahms).

4.42 p.m.—THE STATION ORCHESTRA: "La Colombe" (Gounod). "The Blue Room"—from the "Girl Friend."

5 p.m.—"Herald" News Service. Stock Exchange information.

5.15 p.m.—Close down.

5.30 p.m.—Acceptances and Barrier Positions for Mentone Races on Wednesday.

5.40 p.m.—Close down. Results of Richmond pony races will be given as they come to hand.

EVENING SESSION.

6 p.m.—Answers to Letters and Birthday Greetings, by "BILLY BUNNY."

6.20 p.m.—CAPTAIN DONALD MACLEAN: "The Spanish Conquest—How the Dons Discovered the Treasures of the World."

6.35 p.m.—Musical Interlude.

6.40 p.m.—"BILLY BUNNY" has a story to tell.

6.50 p.m.—The Choir Boys of St. Mark's Fitzroy—Choir Master, A. E. Emery. Two Part Glee, "Every Morning Mercies Now" (Edward Newton). Three Part Song, "The Rosebud" (George English). Christmas Carol, "Away in a Manger."

7 p.m.—Official report of Newmarket stock sales, by the Associated Stock and Station Agents, Bourke Street, Melbourne. Number of sheep and cattle drawn for week's sales.

7.10 p.m.—"Herald" News Service. Weather synopsis. Shipping Movements.

7.12 p.m.—Stock Exchange information.

7.17 p.m.—Fish Market reports by J. R. Borrett Ltd. Rabbit prices.

7.19 p.m.—River reports.

7.21 p.m.—Market reports by the Victorian Producers' Co-operative Co., Ltd. Poultry, Grain, Hay, Straw, Jute, Dairy Produce. Potatoes and Onions. Market reports of fruit by the Victorian Fruitgrowers' Association. Retail prices. Wholesale prices of fruit by the Wholesale Fruit Merchants' Association. Citrus Fruits.

NIGHT SESSION.

Announcer ..... FRANK HATHERLEY.
Accompanist ..... AGNES FORTUNE.

7.30 p.m.—Under the auspices of the Boy Scouts' Association, DR. C. GORDON McADAM will give "Scout News."

7.45 p.m.—E. C. H. Taylor will speak to Young Australia in "School Life and School Sport."

8 p.m.—On June 11, 1858, the "Welcome Nugget" was found at Ballarat. Its value was £8376.

8.1 p.m.—Under the auspices of the Department of Agriculture, H. W. DAVEY, Chief Orchard Supervisor, will speak on "Orchard Drainage."

8.15 p.m.—On June 11, 1900, Lord Methuen defeated De Wet at the Rhenoster River.

CONCERT BY THE STUDENTS OF THE MELBOURNE UNIVERSITY CONSERVATORIUM:

LORNA TRIST, piano: "Sarabande" (D'Albert). "Gavotte and Musette."

KATHLEEN SIMMS, soprano: "Have you seen but a white lily grow?" (Old English). "One Spring Morning" (Nevin).

HERMIA BARTON, violin: "Romance" (Wieniawski). "Tambourine" (Leclair-Kreisler).

LORNA TRIST, piano: "Rhapsody" (Dohnanyi).

KATHLEEN SIMMS, soprano: "Virgin Slumber Song" (Max Reger). "Charming Chloe" (German).

HERMIA BARTON, violin: "Souvenir" (Drdla). "Minuetto" (Pugnani-Kreisler).

9.1 p.m.—WILLIAM TAINSH: A Suburban Story, "Mr. Dicer of Cleverley Street."

9.15 p.m.—STUDIO PRESENTATION OF "OUR MISS GIBBS." Vocal Numbers Only. By the Essendon Operatic Society.

NEWS SESSION.

10.30 p.m.—"Argus" News Service. Meteorological information. British official wireless news from Rugby. Announcements.

10.40 p.m.—RUPERT HAZELL and ELSIE DAY: "Harmonylarity."

10.50 p.m.—THE VAGABONDS: "Brainstorm." "There ain't no land like Dixie to me" (Donaldson). "When Banana Skins are Falling."

11.1 p.m.—THE VAGABONDS: "Egypt" (Polla). "Vum Vum Vum." "A Little Change of Atmosphere." "Coquette" (Kahn). "Spinks," piano solo (Masman). "Somebody Lied About Me" (Kahn). "A Bungalow and You" (O'Hagan).

11.40 p.m.—"God Save the King."

3AR, MELBOURNE

MONDAY, 11th JUNE, 1928.

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

MIDDAY CONCERT SESSION.
12 noon to 1 p.m.

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

MATINEE SESSION.

ORCHESTRAL DANCE CONCERT.

SPORT. During the afternoon the results of the Richmond Ponies, together with other information, will be broadcast immediately each race is run.

2 p.m.—Ayarz Dansonians: A half hour Dance Session by Melbourne's favorite Dance Band. All the latest popular hits, each one announced prior to its presentation.

2.30 p.m.—Mebourne Concert Orchestra: "Three Eastern Sketches" (Howgill). "Andante Cantabile" (Goltermann).

2.46 p.m.—Miss Freda Treweek, mezzo soprano: "Christina's Lament" (Dvorak). "The Valley of Laughter" (Sanderson).

2.53 p.m.—Melbourne Concert Orchestra: "Der Zarewitsch" (Franz Lehar).

3.10 p.m.—Miss Freda Treweek, mezzo soprano: "The Silver Ring" (Chaminade). "The Sandman" (Brahms).

3.17 p.m.—Ayarz Dansonians:

3.30 p.m.—Announcements.

3.35 p.m.—A talk by Mr. Horace Book, secretary of the National Safety Council.

3.45 p.m.—Melbourne Concert Orchestra: "Bandanna Sketches" (White). "Neapolitan Nights" (Zamecnik).

4 p.m.—G.P.O. Clock says "Four."

4.1 p.m.—Second weather forecast.

4.3 p.m.—Mr Tom Semple, tenor: "My Heart's Desire" (Clarke). "Sylvelin" (Sinding).

4.11 p.m.—Melbourne Concert Orchestra: "Prairie Sketches" (Cadman). "March of the Dwarfs" (Moszkowski).

4.28 p.m.—Mr. Bert Lack, flute: "Pastorale Hongroise" (Dappler).

4.36 p.m.—Mr. Tom Semple, tenor: "Go not Happy Day" (Bridge). "In Summer Time on Bredon" (Peel).

4.44 p.m.—Ayarz Dansonians: Fox trot, "So Long" (Burke). Waltz, "Romana" (Wayne). Fox trot, "Indian Cradle Song" (Wayne).

4.50 p.m.—To-night's entertainment.

4.55 p.m.—Special racing report, acceptances and barrier positions for the Mentone Races, by "Daybreak."

5 p.m.—G.P.O. Clock says "Five." God Save the King.

CHLDREN'S SESSION.

6.30 p.m.—3AR's Cousin Peter.

EVENING SESSION.
EVERYBODY'S CONCERT.

7.15 p.m.—Hobby Session. 'Snapshot," of the Listener-In will speak on "Photography for the Beginners."

7.25 p.m.—Sport Session. "Harlequin" presents his budget of up-to-date news and comments on Sport of the Day.

7.35 p.m.—Book Session. Mr. Alfred Firman, Chief Librarian of Mullen's presents his rapid reviews of yesterday, to-day and tomorrow.

7.45 p.m.—Miss May Brackley, playing in the "Laughing Optimist," will speak from her dressing-room at the Athenaeum Theatre.

7.50 p.m.—Macnamara's Stock reports.

8 p.m.—G.P.O. Cock says "Eight."

8.1 p.m.—Melbourne Concert Orchestra: "Ombra Mai Fu" (Handel). Overture, "William Tell" (Rossini).

8.14 p.m.—Miss Lilian Paton, mezzo soprano: "Caro Mio Ben" (G. Giordani).

8.38 p.m.—Ayarz Dansonians:

8.50 p.m.—Announcements.

9.2 p.m.—Melbourne Concert Orchestra: Selection, "The Rainbow" (Gershwin). "Romance sans Paroles" (Rebikoff). "The Eternal Spring" (Rolt).

9.18 p.m.—Mr. Jamts Scott, bass baritone; "The Fortune Hunter" (Willeby). "Inter Nos" (MacFayden).

9.26 p.m.—Mr. Robert Adams, cornet; and Mr. Ken Code, Trombone: Duet, "A Night in Venice."

9.30 p.m.—"Harlequin." Sport results.

9.38 p.m.—Ayarz Dansonians:

9.50 p.m.—Announcements.

10 p.m.—G.P.O. Clock says "Ten."

10.1 p.m.—Semi-Final Weather forecast.

10.3 p.m.—Melbourne Concert Orchestra:

10.21 p.m.—Mr. James Scott, bass baritone: "The Gallant Salamander" (D'Auvergne Barnard). "Langley Fair" (Martin).

10.29 p.m.—Mr. William Whittingham, violin: "Song without Words" (Mendelssohn-Kreisler).

10.33 p.m.—Ayarz Dansonians.

10.52 p.m.—The "Age" news bulletin, exclusive to 3AR.

10.58 p.m.—Final weather forecast.

10.59 p.m.—Our Australian Good Night Quote is taken from the poem, "L'Envoi" by Seaforth Mackenzie.

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

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4QG, BRISBANE.

MONDAY, 11th JUNE, 1928.

MORNING SESSION.

AN HOUR FOR THE LADIES.

10.30 a.m.—To-day's social news.
10.40 a.m.—Music.
10.45 a.m.—A talk arranged by Queensland Country Women's Association.
11 a.m.—Music.
11.10 a.m.—General News.
11.20 a.m.—Music.
11.30 a.m.—Close down.

MIDDAY SESSION.

1 p.m.—Market reports; weather information; "The Daily Mail" and "The Daily Standard" news.
1.30 p.m.—From the Paris Cafe: Lunch hour music.
1.58 p.m.—From the Observatory: Standard time signals.
2 p.m.—Close down.

AFTERNOON SESSION.

3.30 p.m.—Mail train running times.
3.31 p.m.—A programme of music from the studio.
4.15 p.m.—"The Telegraph" news.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

6 p.m.—Mail train running times.
6.2 p.m.—"Daily Standard" news.
6.8 p.m.—Stock Exchange information.
6.9 p.m.—Metal quotations.
6.10 p.m.—A science talk: "Diamonds"—by Mr. Inigo Jones.
6.28 p.m.—Announcements.
6.30 p.m.—Bedtime stories by "The Sandman."
7.3 p.m.—Market reports.
7.25 p.m.—Fenwick's stock report.
7.30 p.m.—Weather information.
7.40 p.m.—Announcements.
7.43 p.m.—Standard time signals.
7.45 p.m.—"A Talk on the Pig Industry" by Mr. E. J. Shelton (Instructor in Pig Raising).

NIGHT SESSION.

PART 1.—"WHITE HOUSE," ENTERTAINMENT.

From the "White House," Woolloongabba: A programme arranged by Messrs. Olsen and Goodchap:
8 p.m.—Topical Chorus.
Part song:
"Bobby Shaftoe" (Whittaker).
The Nocturnians.
8.5 p.m.—Tenor solo:
"The Last Watch" (Pinsuti).
Mr. H. J. Gilroy.
8.10 p.m.—Baritone solo:
"The Blind Ploughman" (Clarke).
Mr. R. Toshack.
8.15 p.m.—Bass solo:
"You Alonga Me" (Sanderson).
Mr. D. Felsman.
8.18 p.m.—Plantation song:
"Old Black Joe" (Foster).
The Nocturnians.
8.22 p.m.—Tenor solo:
"The Garonne" (Adams).
Mr. A. Smith.
8.29 p.m.—Baritone solo:
"Tommy Lad" (Margetson).
Mr. E. D. Baines.
8.31 p.m.—Duet:
"As I Saw Fair Chlora Walk Alone" (Haydn).
Messrs. J. and B. Cloirec.
8.36 p.m.—Tenor solo:
"Slievnamon" (Old Irish Air).
Mr. J. B. Quinlan.
8.40 p.m.—Baritone solo:
"Until" (Sanderson).
Mr. J. B. Cloirec.
8.44 p.m.—Humorous part-song:
"Little Tommy Went a-Fishing." (Macy).
The Nocturnians.
8.48 p.m.—Tenor solo:
"Through All the Ages" (Coates).
Mr. R. Daniels.
8.52 p.m.—Bass solo:
"The Blacksmith' (Slater).
Mr. T. Ryan.
8.56 p.m.—Part-song:
"Annie Laurie' (Cantor).
The Nocturnians.

PART II.—STUDIO PROGRAMME.

9 p.m.—From the studio:
Metropolitan weather forecast.
Ballad: "This Hour With You" (Cooper).
Miss Doris Caritte and Miss Anne Crommelin (from the Orchestra s.s. "Orungle.")
9.4 p.m.—Soprano solo:
"Boat Song" (Ware).
Miss Jill Manners.
9.9 p.m.—Valse:
"Live, Laugh and Love" (Khein).
Miss Doris Caritte and Miss Anne Crommelin.
9.12 p.m.—Contralto solo:
"My Ain Folk" (Lemon.)
Miss Irene Elphinstone.
9.16 p.m.—Ballad:
"Brown Bird Singing" (Haydn Wood).
Misses Doris Caritte and Anne Crommelin.
9.19 p.m.—Soprano solo:
"The Dove" (Landon Ronald).
Miss Jill Manners.
9.23 p.m.—Violin solo:
"Largo" (Handel).
Miss Doris Caritte.
9.28 p.m.—Contralto solo:
"Mary" (Richardson).
Miss Irene Elphinstone.

PART III.—BAND CONCERT.

9.30 p.m.—An impromptu programme of music by the Brisbane Citizen's Band.
10 p.m.—"The Daily Mail" news.
Weather news.
Close down.

5CL, ADELAIDE

MONDAY, 11th JUNE, 1928.

EARLY MORNING SESSION.
7.45 a.m. to 9 a.m.

MORNING SESSION.

10.30 a.m.—G.P.O. Chimes.
10.31 a.m.—Studio Orchestra in selections.
10.55 a.m.—Hairdressing talk by "Bobette."
11 a.m.—G.P.O. Chimes.
11.1 a.m.—Kitchen Craft and Menu Talks: "What to prepare for to-day's dinner" by "Economist," Household Hints.
11.20 a.m.—Studio Orchestra.
11.30 a.m.—Close down.

MIDDAY SESSION.

1 p.m.—G.P.O. Chimes.
1.1 p.m.—"The Advertiser" News Service and International News.
1.20 p.m.—Studio Orchestra in selections.
1.50 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
1.57 p.m.—Meteorological information.
2 p.m.—Close down.

AFTERNOON SESSION.

3 p.m.—G.P.O. Chimes.
3.1 p.m.—Studio Music.
3.45 p.m. Talk on "Modern Topics."
4.1 p.m.—Studio music.
4.56 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
5 p.m.—Close down.

EVENING SESSION.

6 p.m.—G.P.O. Chimes.
6.1 p.m.—Children's entertainment: Greeting and Correspondence.
6.10 p.m.—Children's songs, stories, and music.
6.30 p.m.—Dinner music.
7 p.m.—G.P.O. Chimes.
7.1 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
7.8 p.m.—General Market reports: Dairy Produce, Poultry, Fruit, Fish, Wheat, Hides, and Skins, Stock, etc.
7.15 p.m.—Motor talk by Mr. B. V. Crewe: "Oil Color."
7.30 p.m.—"The Care of the Clothes" a talk arranged by Ford Bros.
7.40 p.m.—Central Agricultural Bureau, Mr. E. W. Pritchard, (Botanical Assistant) will talk on "Seed Germination."
8 p.m.—G.P.O. Chimes.
8.1 p.m.—"The Twinkler" and his 5CL Boys Club.
"Rigoletto" (Verdi).
Studio Orchestra:
Violin (Leader), Lizette Foglia.
Piano, Tom King.
'Cello, Geoff Goldsworthy.
Clarinet, W. King.
Flute, A. V. Noske.
Trombone, Harry Henderson.
Cornet, Vern Rogers.
Cymbals, etc, J. F. Jenkins.
8.30 p.m.—Grand Opera Evening:
Experts from favorite operas by:
Antonio Molinari, tenor.
Marcella Berardi, soprano.
Ugo Mina, baritone.
Bert Woolley, baritone.
Vincent McMurray, tenor.
Fred Guster, Bass.
assisted by the Studio Orchestra.
10.1 p.m.—"The Advertiser" news service.
10.8 p.m.—Meteorological information.
10.9 p.m.—Dalgety's Wheat report.
10.11 p.m.—International News.
10.18 p.m.—Studio Orchestra, in selections.
10.28 p.m.—Vocal duet by Marcella Berardi and Ugo Mina.
10.33 p.m.—The Glenelg Maison Dance Band.
10.55 p.m.—Meteorologial information and to-morrow's programme.
11 p.m.—G.P.O. Chimes and National Anthem.

6WF, PERTH.

MONDAY, 11th JUNE, 1928.

MIDDAY SESSION.

12.30 p.m.—Tune in.
12.35 p.m.—Markets, News, and Cables.
1 p.m.—Time signal.
1.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.
1.2 p.m.—Lunch Hour Music.
Brunswick Panatrope hour relayed from Messrs. Musgrove's Limited Concert Hall, Murray Street.
2 p.m.—Close down.

AFTERNOON SESSION.

3.30 p.m.—Tune in.
3.35 p.m.—Afternoon Tea Concert relayed from the Carlton Cafe, Hay Street.
Vocal and instrumental numbers from the studio.
4.30 p.m.—Close down.

EVEVNING SESSION.

6.45 p.m.—Tune in.
The evening transmission is broadcast on 104.5 metres as well as the usual wavelength.
6.50 p.m.—Stories for the Kiddies by Uncles Henry, Percy and Duffy.
7.20 p.m.—Stocks, Markets, News.
7.45 p.m.—Talk by Lieut, Col. LeSouef, Director of the Zoological Gardens, South Perth.
8 p.m.—Time signal.
8.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.
Station announcements such as alterations to programmes, etc.
8.3 p.m.—Band Night:
Concert by the R.S.L. Band, conducted by Mr. W. A. Halvorsen, relayed from the R.S.L. Institute.
10 p.m.—Late News items by courtesy of "The Daily News" Newspaper Co.
Ships within range announcement.
Weather report and forecast.
10.30 p.m.—Close down.

104.5 METRE TRANSMISSION.

Simultaneous broadcast on 104.5 metres of Programme given on 1250 metres, commencing at 6.45 p.m.

7ZL, HOBART

MONDAY, 11th JUNE, 1928

MORNING SESSION.

11 a.m. to 12 noon.

MATINEE SESSION.

3 p.m.—G.P.O. Clock chimes the hour.
3.1 p.m.—Musical selections.

All EMMCO Transformers are absolutely Guaranteed for ONE YEAR.

3.5 p.m.—Hobart Stock Exchange quotations.
Weather information.
Items of interest—Announcements.
3.15 p.m.—Special Engagement of Miss Lillian Warren (Lyric Soprano), who will be heart in several Operatic arias during this session.
Selections by 7ZL Studio Trio.
4.15 p.m.—Fashion Talk by Aunt Edna of Brownells Ltd., Hobart.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

6.30 p.m.—Children's Corner, Uncle Hector talks to the children.
7 p.m.—Uncle Hubert's half hour.

NIGHT SESSION.

7.30 p.m.—Musical selections.
7.35 p.m.—Wireless queries the third of a series of talks by Audio who is under special engagement of 7ZL.
7.50 p.m.—"Mercury" special Tasmanian news service.
Railway auction produce sales.
Weather forecasts.
Hobart Stock Exchange quotations.
8 p.m.—G.P.O. Clock chimes the hour.
8.1 p.m.—Selected items from the Studio consisting of special request numbers from Listeners.
8.30 p.m.—The Third of 7ZL's Camp Fire Series, Around the Boree Log gives a party in his old log hut at Bethune.
Peter Nelson.
For years have turned the rusted key, and time is on the jog. Still spend this fleeting night with me around the Boree Log.
"Come to Tasmania" Movement, Speaker, Mr. George Striley.
9.50 p.m.—"Mercury" special Interstate news service.
Ships within wireless range.
Tasmanian District Weather reports.
9 p.m. Weather forecasts.
Weather reports from Australian Capital cities.
Station announcements Tuesday's programme
10 p.m.—G.P.O. Clock chimes the hour.
10.1 p.m.—Our Tasmanian Goodnight thought: Lonely, bent Old Peter Nelson with the quaint uncommon ways. "Spruced and tidied" when the book of day was shut, with the dim light in the window and the friends of better days summoned round him by the fiddle in the hut.
10.2 p.m.—The King.
10.3 p.m.—Close down.

Tuesday, June 12

2FC, SYDNEY

EARLY MORNING SESSION.

Note: 5SW (London) will be relayed, if satisfactory, at intervals between news items throughout this session.
7 a.m.—"Big Ben" and announcements.
7.5 a.m.—Studio Music.
7.20 a.m.—Country Session: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services.
7.25 a.m.—Investment market, mining share market, metal quotations.
7.35 a.m.—Wool sales, breadstuffs markets, Interstate markets, produce markets.
7.45 a.m.—"Sydney Morning Herald" summary.
7.50 a.m.—Studio music.
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.—Last minute Racing information by the 2FC Racing Commissioner.
10.45 a.m.—Studio Music.
11 a.m.—"Big Ben." Studio Music.
11.5 a.m.—A.P.A. and Reuter's Cable Services.
11.15 a.m.—A Reading.
11.30 a.m.—Close down.

MIDDAY SESSION.

12 noon.—"Big Ben" and announcements.
12.2 p.m.—Stock Exchange, first call.
12.3 p.m.—Official weather forecast, rainfall.
12.5 p.m.—Studio Music.
12.10 p.m.—Summary of "Sydney Morning Herald" news service.
12.15 p.m.—Rugby Wireless News.
12.20 p.m.—Studio Music: Dance and Popular Records.
1 p.m.—"Big Ben." Weather intelligence.
1.3 p.m.—"Evening News" midday news service.
Producers' Distributing Society's Report.
1.20 p.m.—Studio Music: Dance Records.
1.28 p.m.—Stock Exchange, second call.
1.30 p.m.—Thelma Lansdowne, mezzo.
1.34 p.m.—Studio music.
1.55 p.m.—Thelma Lansdowne, mezzo.
2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

3 p.m.—Programme announcements.
3.5 p.m.—A Recital of "Columbia" Records.
3.30 p.m.—Ruby Leslie, mezzo-soprano.
3.35 p.m.—Kathleen Roe:
Pianoforte solos.
3.45 p.m.—Ann Palmerston, soprano.
3.50 p.m.—Mandley Haslam, tenor:
"I Hear You Calling Me" (Marshall).
3.55 p.m.—Violin solos by
Pupil of Mowatt Carter.
4.5 p.m.—A Reading.
4.15 p.m.—Ruby Leslie, mezzo-soprano.
4.20 p.m.—Kathleen Roe:
Pianoforte solos.
4.30 p.m.—Mandley Haslam, tenor:
"O Star of Eve" (Richard Wagner).
4.35 p.m.—Popular Records.
4.42 p.m.—Ann Palmerston, soprano.
4.45 p.m.—Stock Exchange, third call.
4.47 p.m.—Conclusion of the "Columbia" Record Recital.
5 p.m.—"Big Ben." Close down.

EARLY EVENING SESSION.

5.40 p.m.—The Chimes of 2FC.
5.45 p.m.—The "Hello Man" talks to the children.
6.25 p.m.—Children's music.
6.30 p.m.—Late sporting news.
6.35 p.m.—Dalgety's market reports (wool, wheat and stock).
6.43 p.m.—Fruit and vegetable markets.
6.45 p.m.—Stock Exchange information.
6.48 p.m.—Weather and shipping news.
6.50 p.m.—Dinner music from the Hotel Australia.
7.15 p.m.—From the Studio:
Musical items.
7.30 p.m.—"Evening News" late news service.

NIGHT SESSION.

BAND AND BURLESQUE.

7.40 p.m.—Programme announcements.
7.45 p.m.—Erik Langker: Talk (No. 2): "Old Furniture."
8.0 p.m.—"Big Ben." The New South Wales Tramway Band:
(a) Overture, "Norma" (Bellini).
(b) March, "Boomerang" (White).
8.10 p.m.—"To-night's Visitor."
8.18 p.m.—The New South Wales Tramway Band:
Selection, "Scotland" (Arr. Ord Hume).
8.33 p.m.—"Mr. Medley and Mr. Motley."
8.43 p.m.—The New South Wales Tramway Band:
Waltz, "Myrine" (Laski).
8.50 p.m.—From the Studio. Late weather forecast.
Brunton Gibb, "Con Drew" Stories.
9.0 p.m.—A Radio Revue of Songs, Sketches and Burlesque, arranged by Charles Lawrence, the well known entertainer, and supplier of members of the Langlea Concert Party.
9.45 p.m.—The New South Wales Tramway Band:
(a) Fox Trot, "The Lancashire Belle" (Ord. Hume).
(b) Fantasia, "A Trip to Blackpool" (Raymond).
10.0 p.m.—Sydney Calland, Baritone:
(a) "Lorraine, Lorraine, Lorree" (Capel).
(b) "Were I the Streamlet" (Lloyd).
10.10 p.m.—From the Ambassadors: The Ambassadors' Dance Orchestra. Conducted by Manuel Hyman.
10.18 p.m.—Sydney Calland, Baritone:
(a) "So Fair a Flower" (Lohr).
(b) "For the Green" (Lohr).
10.26 p.m.—From the Ambassadors: The Ambassadors' Dance Orchestra.
10.35 p.m.—From the Studio. Late weather forecast and studio music.
10.40 p.m.—From the Ambassadors: The Ambassadors' Dance Orchestra.
10.57 p.m.—From the Studio: To-morrow's programme and late news.
11.0 p.m.—"Big Ben." The Ambassadors' Dance Orchestra.
11.45 p.m.—National Anthem. Close down.

2BL, SYDNEY.

TUESDAY, 12th JUNE, 1928

EARLY MORNING SESSION.
8 a.m. to 9 a.m.

MORNING SESSION.

10.30 a.m.—G.P.O. clock and chimes.
Musical programme from the Studio.
11 a.m.—G.P.O. clock and chimes.
Talk on "Foot Troubles" by Jean Gordon.
12 noon.—G.P.O. clock and chimes.
Special ocean forecast and weather report.
12.3 p.m.—Musical programme from the Studio.
12.12 p.m.—Information. Mails, shipping and port directory.
12.15 p.m.—Boats in call by wireless.
12.17 p.m.—Fruit market report.
12.19 p.m.—Vegetable market report.
12.21 p.m.—London metal market report.
12.23 p.m.—Dairy farm produce market report.
12.26 p.m.—Fish market report.
12.28 p.m.—Rabbit market report.
12.30 p.m.—H.M.V. Gramophone recital.
1.30 p.m.—G.P.O. clock and chimes.
Talk to children and special entertainment for children in hospital.
2 p.m.—G.P.O. clock and chimes.
Close down.

AFTERNOON SESSION.

Racing information broadcast immediately after each race, by courtesy of the "Sun."
3 p.m.—G.P.O. clock and chimes.
News from the "Sun."
3.15 p.m.—Civil Service Stores Trio. Direction, Miss De Courcey Bremer.
3.30 p.m.—G.P.O. clock and chimes.
News from the "Sun."
3.40 p.m.—Pianoforte recital from the Studio.
3.50 p.m.—News from the "Sun."
4 p.m.—G.P.O. clock and chimes.
Civil Service Stores Trio.
4.15 p.m.—News session.
4.35 p.m.—Musical programme from the Studio.
4.50 p.m.—News from the "Sun."
4.55 p.m.—Features of evening's programme.
4.57 p.m.—Producers' Distributing Society's poultry report.
4.59 p.m.—Racing resume.
5 p.m.—G.P.O. clock and chimes.
Close down.

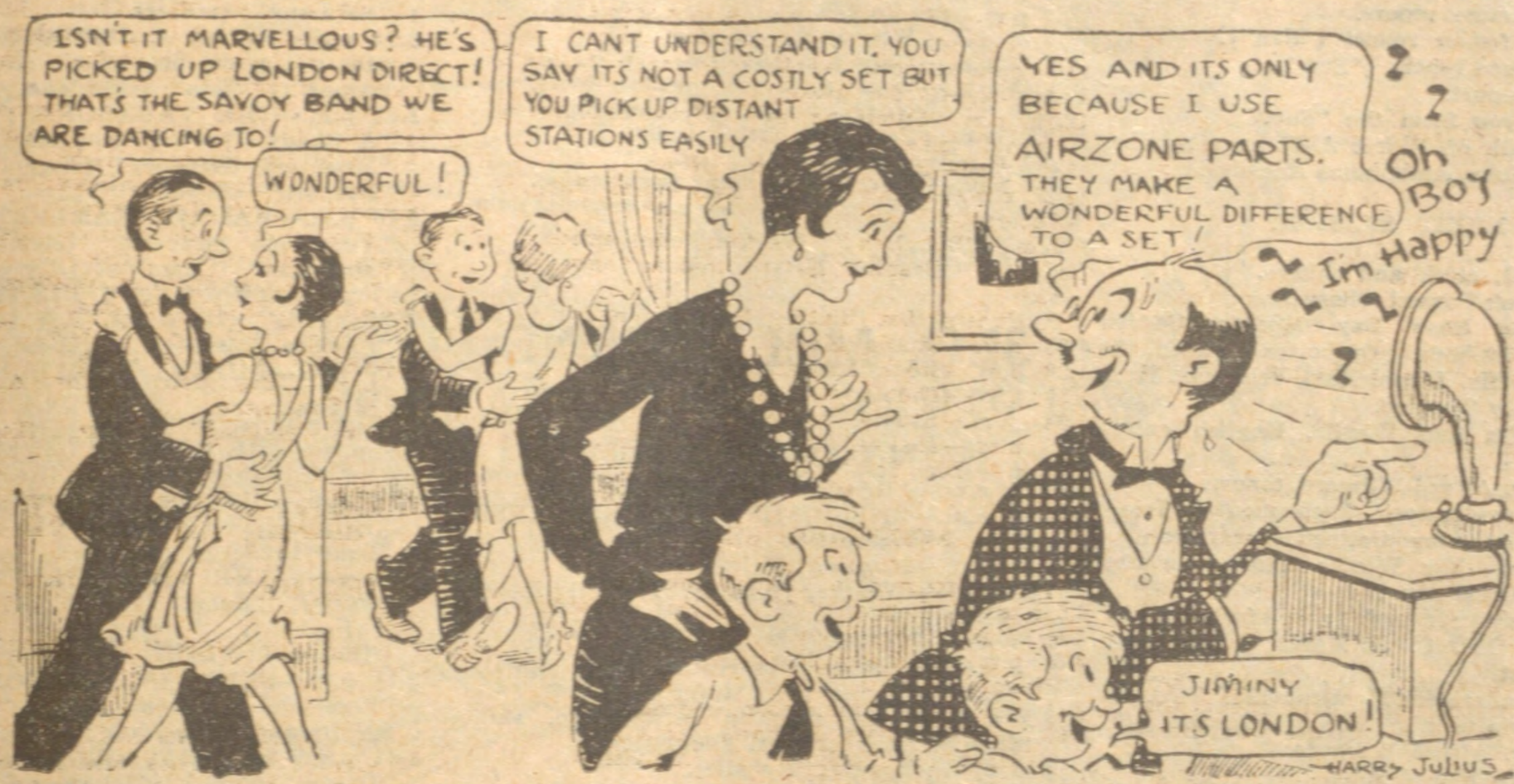
EARLY EVENING SESSION.

5.45 p.m.—G.P.O. clock and chimes.
Children's session.
6.30 p.m.—Dinner music.

SPECIAL COUNTRY SESSION.

7 p.m.—G.P.O. clock and chimes.
Racing resume.

MR. LISTENER PICKS UP LONDON



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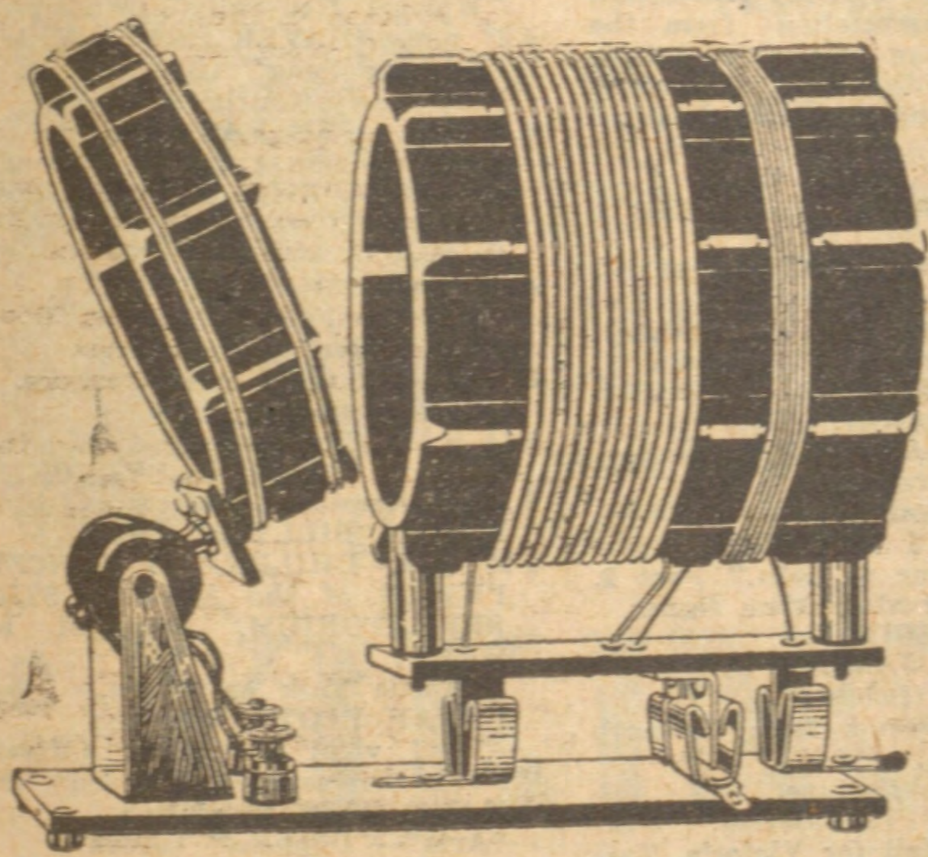

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AIRZONE Ltd.

363a OXFORD STREET, PADDINGTON, SYDNEY

7.5 p.m.—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 report.
Grain and fodder report ("Sun").
Dairy Produce report ("Sun").
N.R.M.A. report.
7.15 p.m.—News from the "Sun."
7.30 p.m.—Talk on "First Aid" by a member of the St. John Ambulance Association.

NIGHT SESSION.

8 p.m.—G.P.O. clock and chimes.
Broadcasters' Topical Chorus.
8.3 p.m.—The Rose Bay Winter Garden Theatre Symphony Orchestra under the direction of Mr. Lionel Hart, broadcast from the Rose Bay Theatre.
8.20 p.m.—Win and Windle, English entertainers.
8.30 p.m.—Mr. Alfred Wilmore, tenor.
8.37 p.m.—Broadcasters' Instrumental Trio.
8.44 p.m.—Miss Amy Ostinga, contralto.
8.51 p.m.—Rose Bay Winter Garden Theatre Symphony Orchestra.
9.1 p.m.—Weather report and forecast by courtesy of Mr. C. J. Mares, Government Meteorologist.
9.2 p.m.—Broadcasters' Instrumental Trio.
9.9 p.m.—Movie talk by Miss Iris Norton.
9.19 p.m.—Mr. Alfred Wilmore.
9.26 p.m.—Win and Windle.
9.36 p.m.—Rose Bay Winter Garden Theater Symphony Orchestra.
9.46 p.m.—Miss Amy Ostinga.
9.53 p.m.—Broadcasters' Instrumental Trio.
10 p.m.—G.P.O. clock and chimes.
10.1 p.m.—Resume of following day's programme.
10.5 p.m.—Rose Bay Winter Garden Theatre Symphony Orchestra.
10.15 p.m.—The Wentworth Cafe Orchestra, under the direction of Mr. Jimmy Elkins, broadcast from the Wentworth. During intervals between dances, "Sun" news will be broadcast.
11.30 p.m.—G.P.O. clock and chimes.
National Anthem.

2GB, SYDNEY

TUESDAY, 12th JUNE, 1928.

MORNING SESSION.

10 a.m.—Music.
10.10 a.m.—Happiness Talk.
10.20 a.m.—Music.
10.30 a.m.—Women's Session by Miss Beegling.
11 a.m.—Close down.

AFTERNOON SESSION.

2 p.m.—Music.
2.20 p.m.—Talk.
2.35 p.m.—Music.
3 p.m.—Close down.

EVENING SESSION.

5.30 p.m.—Children's Session by Uncle George.
7 p.m.—Stock and Market reports by New Zealand Loan and Mercantile Agency Ltd.
7.15 p.m.—Music.
8 p.m.—Opening Chorus.
8.2 p.m.—2GB Instrumental Trio.
8.15 p.m.—Address.
8.30 p.m.—Songs by Miss Maemore Morris.
8.37 p.m.—Corporal Williams will entertain.
8.52 p.m.—'Cello Solo by Miss Marjorie Kennedy.
9 p.m.—Talk.
9.20 p.m.—Songs by Miss Maesmore Morris.
9.27 p.m.—2GB Instrumental Trio.
9.40 p.m.—Corporal Williams.
9.50 p.m.—Violin solos by Mr. Dan Scully.
10 p.m.—Close down.

2UW, SYDNEY

TUESDAY, 12th JUNE, 1928.

EVENING SESSION.

7 p.m.—Studio items.
7.10 p.m.—Where to go session.
7.15 p.m.—Dinner music.
7.45 p.m.—Vocal and instrumental items.
8.10 p.m.—News, mails and shipping.
8.30 p.m.—Selections from studio.
9 p.m.—Weather report.
9.3 p.m.—Instrumental items from studio.
9.20 p.m.—Dance selections and request numbers.
10 p.m.—Close down.

3LO, MELBOURNE.

TUESDAY, 12th JUNE, 1928.

EARLY MORNING SESSION.

7.15 a.m.—"Herald" breakfast hour.
7.20 a.m.—PHYSICAL CULTURE EXERCISES (to music).
7.27 a.m.—Morning Melodies.
7.33 p.m.—Weather forecast for all States, mails.
7.40 a.m.—NEWS.
8 a.m.—Melbourne Observatory time signal.
8.1 a.m.—Express train information.
8.2 a.m.—News, sporting information, shipping, Stock Exchange, fluctuations.
8.13 a.m.—Morning Melodies.
8.15 a.m.—Close down.

MORNING SESSION.

Announcer ..... MAURICE DUDLEY.
11 a.m.—3LO'S CULINARY COUNSELS, of How to Create Creature Comforts with a Minimum of Cash.
11.5 a.m.—Miss E. NOBLE, Gas Cooking: "The Baking of Scones in a Gas Cooker."
11.20 a.m.—Musical interlude.
11.25 a.m.—Mrs. DOROTHY SILK: "Homecrafts."
11.40 a.m.—Musical interlude.
11.45 a.m.—Capt. DONALD McLEAN: "Famous Women of History."

MIDDAY SESSION.

Announcer ..... MAURICE DUDLEY.
Accompanist ..... AGNES FORTUNE.
12 noon.—Melbourne Observatory time signal.
12.1 p.m.—Metal prices by the Australian Mines and Metals Association from the London Stock Exchange this day. British official wireless news from Rugby. Reuter's and the Australian Press Association cables. "Argus" news service.
12.20 p.m.—THE GYPSY PLAYERS: "Ballet Music—La Reine de Saba," Part 1 (Gounod).
12.30 p.m.—SENIA CHOSTIAKOFF, tenor: "Snowflakes" (Varlamoff). "Arin Ariosto" ("Pagliacci") Leoncavallo).
12.37 p.m.—Stock Exchange information.
12.40 p.m.—BESSIE GAUNSON, violin: "Minuet in G" (Beethoven).
12.45 p.m.—MADAME LAMBERT, soprano: "Serenade Inutile" (Brahms). "Mauvais Accueil" (Brahms).
12.52 p.m.—THE GYPSY PLAYERS: Ballet Music, "La Reine de Saba," Part 2.
1 p.m.—Melbourne Observatory time signal.

PIANO RECITAL.

1.1 p.m.—WILLIAM G. JAMES:
1. Prelude, A Minor (Debussy).
2. 2nd and 3rd Movements from Concerto in F Minor (Arensky).
Second Piano: Agnes Fortune.
1.8 p.m.—Meteorological information. Weather forecast and rainfall for Victoria, Tasmania, New South Wales, and South Australia. Ocean forecasts. River reports.
1.15 p.m.—THE GYPSY PLAYERS: "Figaro's Wedding" (Mozart).
1.25 p.m.—SENIA CHOSTIAKOFF, tenor: "By the Fireside" (Strok). "Lullaby" (Brahms).
1.32 p.m.—THE GYPSY PLAYERS: "Whims" (Schumann). "Stately Dance" (Prewer).
1.45 p.m.—Close down.

AFTERNOON SESSION.

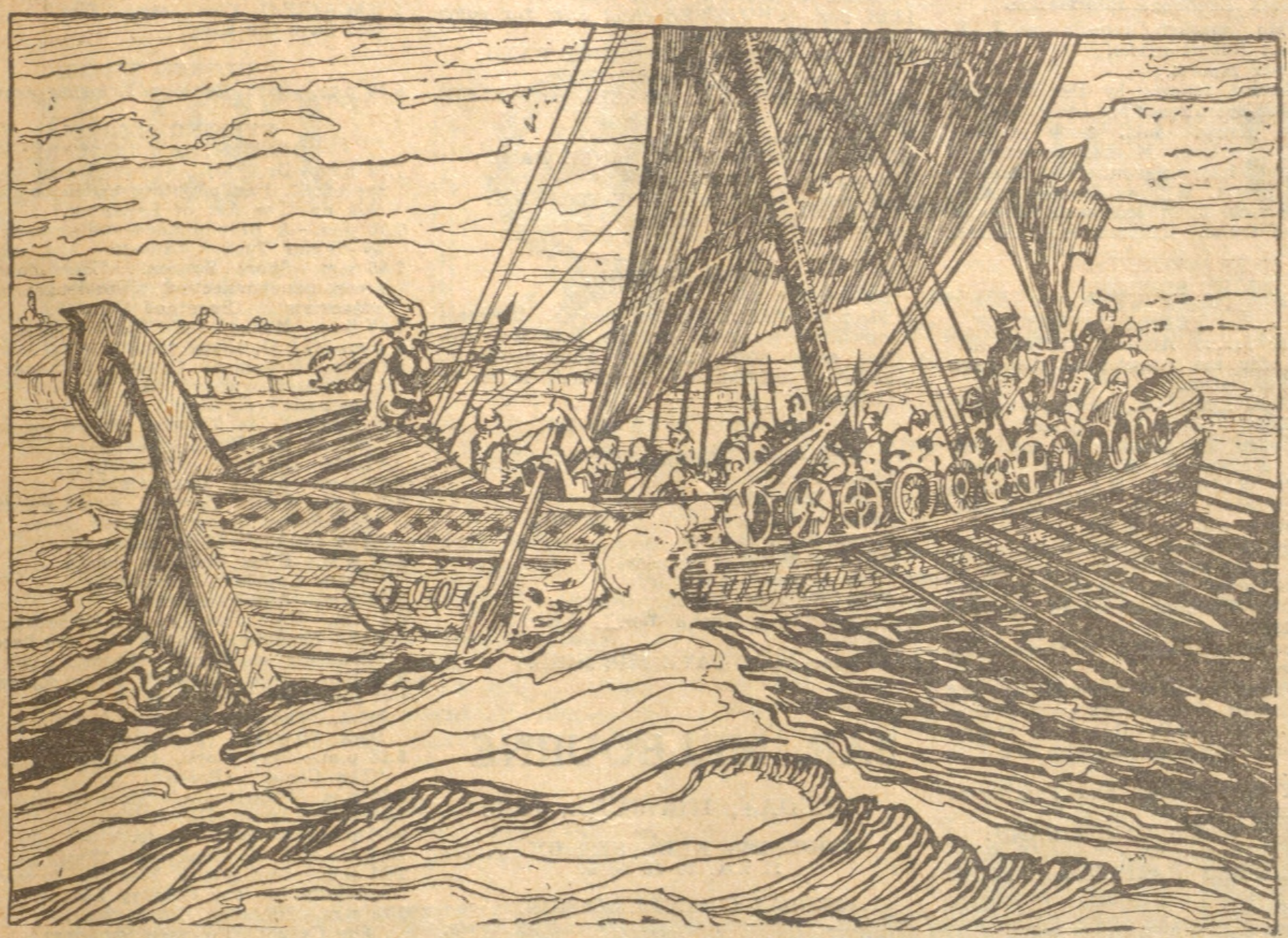
Announcer ..... MAURICE DUDLEY.
Accompanist ..... AGNES FORTUNE.
2.15 p.m.—THE VAGABONDS: "Do that Heebie Jeebies Dance with Me" (Pole). "Nothin'" (Turk). "So Long" (Miller).
2.24 p.m.—SENIA CHOSTIAKOFF, tenor: "Do not scold me, dear" (Dubuck). "Amor ti Vieta" (Giordano).
2.31 p.m.—THE VAGABONDS: "A Shady Tree" (Donaldson). "Mountain Greenery" (Rogers). "Barbara" (Silver).
2.40 p.m.—MADAME LAMBERT, soprano: "Veronique Selection" (Messenger). "Madrigal" (Chaminade).
2.47 p.m.—THE GYPSY PLAYERS: "Svanade" (Heykens). "Pavlova Valse" (Scherapou).
2.56 p.m.—RUPERT HAZELL AND ELSIE DAY: "Harmonylarity."
3.9 p.m.—THE GYPSY PLAYERS: "Petite Suite Moderne" (Rosse).
3.18 p.m.—OLIVER PEACOCK, baritone: "Mifawny" (Forster). "Dear Little Shamrock."
3.25 p.m.—THE GYPSY PLAYERS: Quartet, "Sport of the 18th Century" (Pochon). "The Mill" (Raff).
3.34 p.m.—SENIA CHOSTIAKOFF, tenor: "Serenade—A Night of Love" (Abta). "A Dream" (Bartlett).
3.41 p.m.—BERTHA JORGENSEN, violin: "Dream Dances" (Coleridge-Taylor).
3.50 p.m.—DOLLY BURDETT, contralto: "Oh, Love from Thy Power" (Saint Saens). "I Passed by Your Window" (Brahe).
3.57 p.m.—WILL PAGE, xylophone: Selection, "William Tell."
4 p.m.—THE VAGABONDS: "Dancing Tambourine" (Polla). "Dream Kisses" (Yellen). "I told them all about you" (Friend).
4.9 p.m.—MADAME LAMBERT, soprano: "Bergerettes" (Wekerlin). "Mattinata" (Leoncavallo).
4.16 p.m.—THE VAGABONDS: "Some day you'll say O.K." (Donaldson). "Once in a Blue Moon" (Land). "Are you Lonesome To-night?" (Fink).
4.25 p.m.—GUILDFORD BISHOP, violin: "Second Romance" (Bertold Tours).
4.32 p.m.—THE VAGABONDS: "The Merry Widow" (Lehar). "When I Met Sally" (Wade).
4.38 p.m.—OLIVER PEACOCK, baritone: "Evening Song" (Blumenthal). "Colinette" (Clarke).
4.45 p.m.—THE VAGABONDS: "Temperamental Baby" (Friend). "My Blue Ridge Mountain Rose" (Robinson). Selected.
4.54 p.m.—DOLLY BURDETT, contralto: "My Ain Folk" (Lemon). "My Prayer" (Squire).
5 p.m.—"Herald" news service. Stock Exchange information.
5.15 p.m.—Close down.

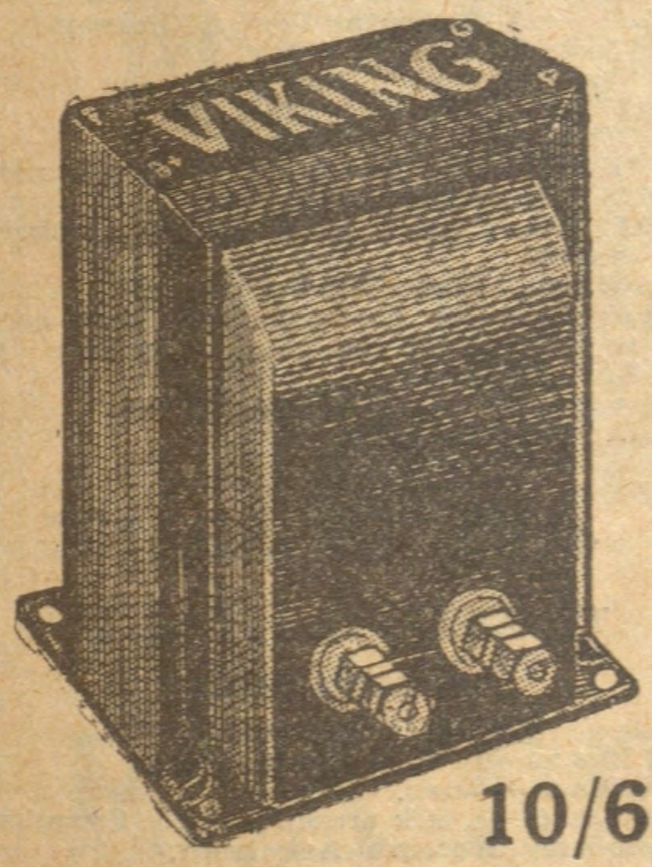
EVENING SESSION.

6 p.m.—Answers to letters and birthday greetings by "BILLY BUNNY."
6.20 p.m.—CHILDREN'S CONCERT by the PUPILS of the ALBERT STREET CONSERVATORIUM, arranged by FRITZ HART:
A Little Talk on Opera.
LILIAN STOTT, soprano: "Deh! vieni"—"Figaro" (Mozart). "Voi che sapete"—"Figaro" (Mozart).
MARY GASKIN, violin: "Aria"—"Ohpheus" (Gluck). "Meditation"—"Thais" (Massenet).
IDA SCOTT, piano: "Ballet Music—Aida" (Verdi). "Ballet Music—Thais" (Massenet).
Accompanist, IDA SCOTT.
6.55 p.m.—"BILLY BUNNY" has a little story for the children.

NEWS AND MARKET REPORTS.

7 p.m.—Official report of Newmarket stock sales by the Associated Stock and Station Agents, Bourke Street, Melbourne.





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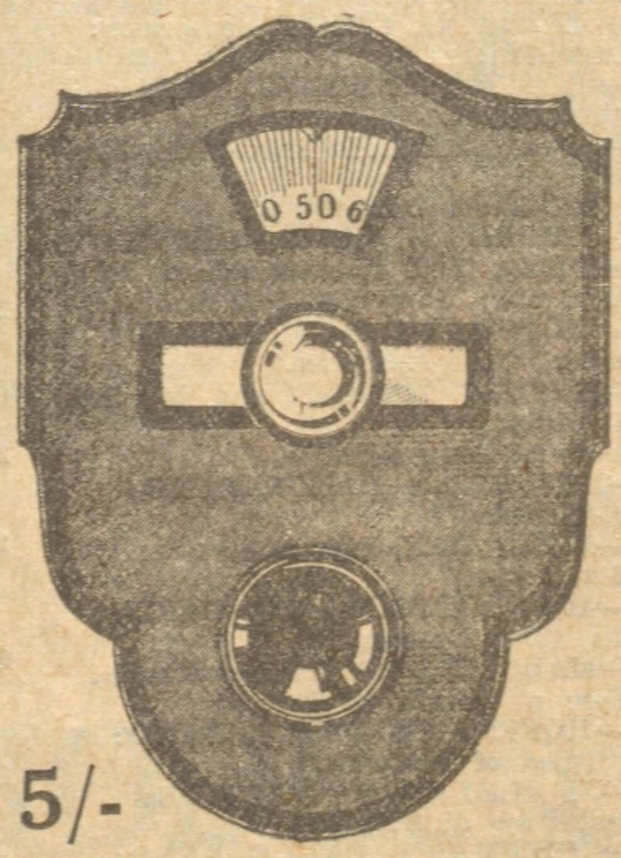

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Weldon Electric Supply Co. Ltd. Sydney

7.5 p.m.—"Herald" news service. Weather synopsis. Shipping movements.
7.12 p.m.—Stock Exchange information.
7.17 p.m.—Fish market reports by J. R. Borrett Ltd.: Rabbit prices.
7.19 p.m.—River reports.
7.21 p.m.—Market reports by the Victorian Producers' Co-operative Co., Ltd.: Poultry, grain, hay, straw, jute, dairy produce, potatoes and onions. Market reports of fruit by the Victorian Fruiterers' Association: retail prices. Wholesale prices of fruit by the Wholesale Fruit Merchants' Association. Citrus fruits. Ballarat Sheep Market reports.

NIGHT SESSION.

Announcer ..... FRANK HATHERLEY.
Accompanist ..... AGNES FORTUNE.
7.30 p.m.—Under the auspices of the Town Planning Association,
F. J. DOOLAN, M.V.I.S., will speak on "Majestic Dominance of the Shrine."
7.45 p.m.—Under the auspices of the University of Melbourne Extension Board. MRS. E. M. WADDELL, B.A., Lecturer in English Literature to the University Extension Board, will speak on "Andrea Del Sarto—A Great Poem."
8 p.m.—This is the anniversary of the sailing of the "Enterprise" and "Investigator," under Sir James Ross, in search of Sir John Franklin, 1848.
8.1 p.m.—A. W. JACKSON will speak on "Golf."
8.15 p.m.—To-day we also commemorate the death of another of England's greatest sons —THOMAS ARNOLD, D.D.—the famous head master of Rugy School, who died 12th June, 1842.
BIRTHDAY GREETINGS and Programme Announcements.
8.16 p.m.—HOFFMAN'S DANCE BAND: Waltz, "The Choristers."
8.23 p.m.—RUPERT HAZELL and ELSIE DAY: "Harmonylarity."
8.27 p.m.—HOFFMAN'S DANCE BAND: Quadrilles, "Piccadilly."
8.43 p.m.—MADOLINE KNIGHT, contralto: "The Rustic Bridge."
8.46 p.m.—HOFFMAN'S DANCE BAND: Polka, "Sandpaper."
8.50 p.m.—J. ALEXANDER BROWNE, baritone: "Love's Old Sweet Song."
8.53 p.m.—CHORUSES. Mrs. CAMPBELL is at the Piano. Lift up your voices. Make the Welkin ring. Now then—all together.
8.59 p.m.—HOFFMAN'S DANCE BAND: Barn Dance, "Old Memories."
9.4 p.m.—RUPERT HAZELL and his one-stringed fiddle: "A Memory of Long Ago."
9.7 p.m.—HOFFMAN'S DANCE BAND: Alberts, "Selected."
9.22 p.m.—ELSIE DAY, soprano: "Out of the Past."
9.25 p.m.—HOFFMAN'S DANCE BAND: Scottische, "Day Dreams."
9.28 p.m.—MADOLINE KNIGHT, contralto: "She Wore a Wreath of Roses."
9.31 p.m.—HOFFMAN'S DANCE BAND: Waltz, "Tales of Hoffman."
9.38 p.m.—J. ALEXANDER BROWNE: "The Last Rose of Summer."
9.41 p.m.—HOFFMAN'S DANCE BAND: Lancers, "Operatic."
9.57 p.m.—CHORUSES. Join the happy band of singers who to-night are enjoying these Old Time Memories. All over Australia to-night house parties are joining in with us here at the studio in reviving the sweet old melodies. Why not join in, even if you are alone?
10.3 p.m.—HOFFMAN'S DANCE BAND: Polka Mazurka, "Violetta."
10.8 p.m.—RUPERT HAZELL and ELSIE DAY: "Harmonylarity."
10.11 p.m.—HOFFMAN'S DANCE BAND: Barn Dance, "Society."
10.16 p.m.—MADOLINE KNIGHT, contralto: "Asthore."
10.19 p.m.—HOFFMAN'S DANCE BAND: Waltz, "Vienna."
10.25 p.m.—J. ALEXANDER BROWNE, baritone: "Drink to me only with thine eyes."
10.28 p.m.—CHORUSES—And now for some special request items.
10.34 p.m.—HOFFMAN'S DANCE BAND: Valetta, "Druid's Prayer."
10.40 p.m.—RUPERT HAZELL and ELSIE DAY: "Harmonylarity."
10.43 p.m.—HOFFMAN'S DANCE BAND: Royal Irish, "Royal Irish."
10.48 p.m.—J. ALEXANDER BROWNE: "Silver Threads Among the Gold."

NEWS SESSION.

10.51 p.m.—"Argus" news service. Meteorological information. British Official Wireless news from Rubgy. Announcements. Shipping information. Sporting notes by "Olympus."

DANCING A LA MODE.

11.1 p.m.—THE VAGABONDS:
"Lazy Feet."
"The Yale Blues" (Ellis).
"Just a Little Cuter" (Seidman).
"Deep River Blues."
"Half a Moon" (Reynolds).
"The Sunrise" (Santtly).
"The Wedding Waltz" (Gilbert).
"Who—You—, That's Who" (Yellen).
"Selected."
11.40 p.m.—"GOD SAVE THE KING."

3AR, MELBOURNE

TUESDAY, 12th JUNE, 1928.

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

MIDDAY CONCERT SESSION.

12.1 p.m.—Transmitted from Panatrope House, 252 Collins Street, (by exclusive permission if Wills and Paton Ltd.) on the Brunswick Panatrope.

MATINEE SESSION.
ORCHESTRAL DANCE CONCERT.

During the afternoon a description of the departure of the mail liner for London, half and hour before leaving Princess Pier, will be given by Mr. J. D. Porter of the "Graphic."
2 p.m.—Ayarz Dansonians:
Ahalf-hour Dance Session by Melbourne's favorite Dance Band. All the latest popular hits, each one announced prior to its presentation.
2.30 p.m.—Melbourne Concert Orchestra: "The Turkish Patral" (Michaelis). Selection, "Wildflower" (Youmans).
2.45 p.m.—Mary Thirwall, contralto: "Lament of Isis" (Bantock). "Thou art risen my beloved" (Coleridge-Taylor).
2.53 p.m.—Melbourne Concert Orchestra: Selection, "On with the Show" (Nicholls). "The Children's Ball" (Sousa). "Dreams of Yesterday" (Humphries).
3.10 p.m.—Mary Thirwall, contralto: "Still as the Night" (Bohm). "A little Winding Road" (Landon Ronald).
3.17 p.m.—Ayarz Dansonians:
3.30 p.m.—Announcements.
3.35 p.m.—Madamioselle Jeunesse. A talk on timely topics of interest to our Lady Listeners.
3.45 p.m.—Melbourne Concert Orchestra: "Guy d'Hardelot's Popular Songs" (Ar. Higgs.) "Love's Enchantment" (Varley).
4 p.m.—G.P.O. Clock says "Four."
4.1 p.m.—Second Weather forecast.
4.3 p.m.—Herbert Sanderson, baritone: "She is far from the land" (Lambert). "When thy blue eyes" (Lassen).
4.11 p.m.—Melbourne Concert Orchestra: "Capriccio Italian" (Tschaikowsky).
4.27 p.m.—William Whittingham, violin: "Romance" (Schumann-Kreisler).
4.31 p.m.—Herbert Sanderson, baritone: "On away, awake Beloved" (Cowan). "Colinette" (Clarke).
4.39 p.m.—Ayarz Dansonians:
4.55 p.m.—Announcements. "To-night's Entertainment.
5 p.m.—G.P.O. Clock says "Five." God Save the King.

CHILDREN SESSION.

6.30 p.m.—Brer Rabbit's Entertainment.

EVENING SESSION.
ORCHESTRAL CONCERT.

7.20 p.m.—Dr. Floyd, Organist and Choirmaster of St. Paul's Cathedral, Melbourne, will talk on "The Art of Listening."
7.30 p.m.—A Broadminded and up-to-date talk by "Friar Tuck," "Advance Australia."
7.35 p.m.—Sport Session. "Harlequin" presents his budget of up-to-date news and comments on Sport of the day.
7.50 p.m.—Macnamara's Stock reports.
8 p.m.—G.P.O. Clock says "Eight."
8.1 p.m.—Melbourne Concert Orchestra: "Martial Moments" (Ar. Winter). "Serenade" (Drdla).
8.15 p.m.—Freda Treweek, mezzo soprano: "Before the Dawn" (Lang). "Little Domozel" (Novello).
8.23 p.m.—Ayarz Dansonians:
8.39 p.m.—Freda Treweek, mezzo soprano: "Soft-Footed Snow" (Sigard Lee). "The Cuckoo" (Liza Lehmann).
8.47 p.m.—Ethel Brearley, piano: "Valse Caprice" (Spindler).
8.50 p.m.—Announcements.
9.2 p.m.—Melbourne Concert Orchestra: Suite Espagnole, "La Feria" (P. Lacome). "Souvenir de Capri" (Becce).
9.17 p.m.—Freda Treweek, mezzo soprano and Newstead Rush, bass: Duet, "The Day is Done" (Lohr). Duet, "Awake" (Pelissier).
9.25 p.m.—Bert Lack, Piccolo: "The Comet" (Brewer).
9.30 p.m.—"Harlequin." Sport results.
9.38 p.m.—Ayarz Dansonians.
9.50 p.m.—Announcements.
10 p.m.—G.P.O. Clock says "Ten."
10.1 p.m.—Semi-Final Weather forecast, specially for our Country Listeners.
10.3 p.m.—Newstead Rush, bass: "The Carpet" (Wilfred Sanderson). "Blow, Blow thou WinterWind" (Sargeant).
10.11 p.m.—Melbourne Concert Orchestra: "Suite Melodique" (Friml). "Valse Boston" (Drigo).
10.27 p.m.—Newstead Rush, bass: "The Asra" (Rubenstein). "Even Bravest Heart may Swell" (Gounod).
10.35 p.m.—Ayarz Dansonians.
10.52 p.m.—"Age" News Bulletin, exclusive to 3AR.
10.58 p.m.—Final Weather forecast.
10.59 p.m.—Our Australian Good Night quote is taken from the poem, "The Lake" by E. J. Brady.
11 p.m.—G.P.O. Clock says "Eleven." God Save the King.

4QG, BRISBANE

TUESDAY, 12th JUNE, 1928.

MORNING SESSION.

An Hour For The Ladies.
10.30 a.m.—To-day's Social News.
10.40 a.m.—Music.
10.45 a.m.—A talk arranged by the Queensland Country Women's Association.
11 a.m.—Music.
11.10 a.m.—General news.
11.20 a.m.—Music.
11.30 a.m.—Close down.

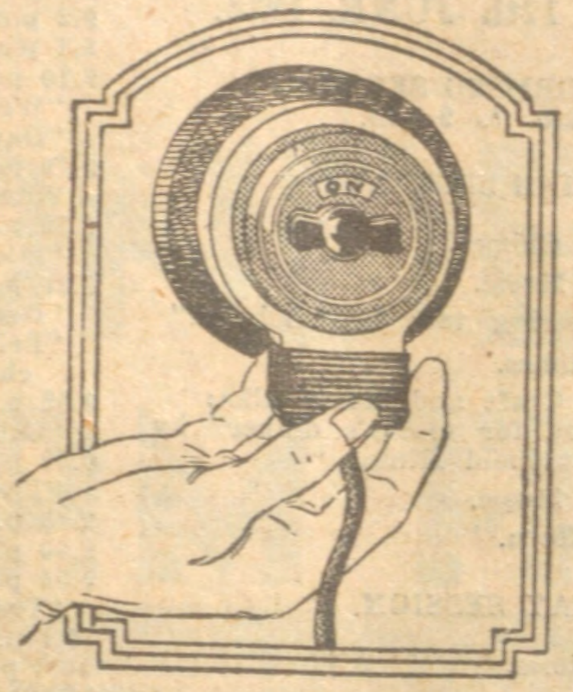
MIDDAY SESSION.

1 p.m.—Market reports; weather information; "The Daily Mail" and "The Daily Standard" news.
From the Paris Cafe:
1.30 p.m.—Lunch hour music.
1.58 p.m.—From the Observatory: Standard time signal.
2 p.m.—Close down.

AFTERNOON SESSION.

3.30 p.m.—Mail train running times.
3.31 p.m.—A programme of music from the studio.
4.15 p.m.—"The Telegraph" news.
4.30 p.m.—Close down.

JUST PLUG IN



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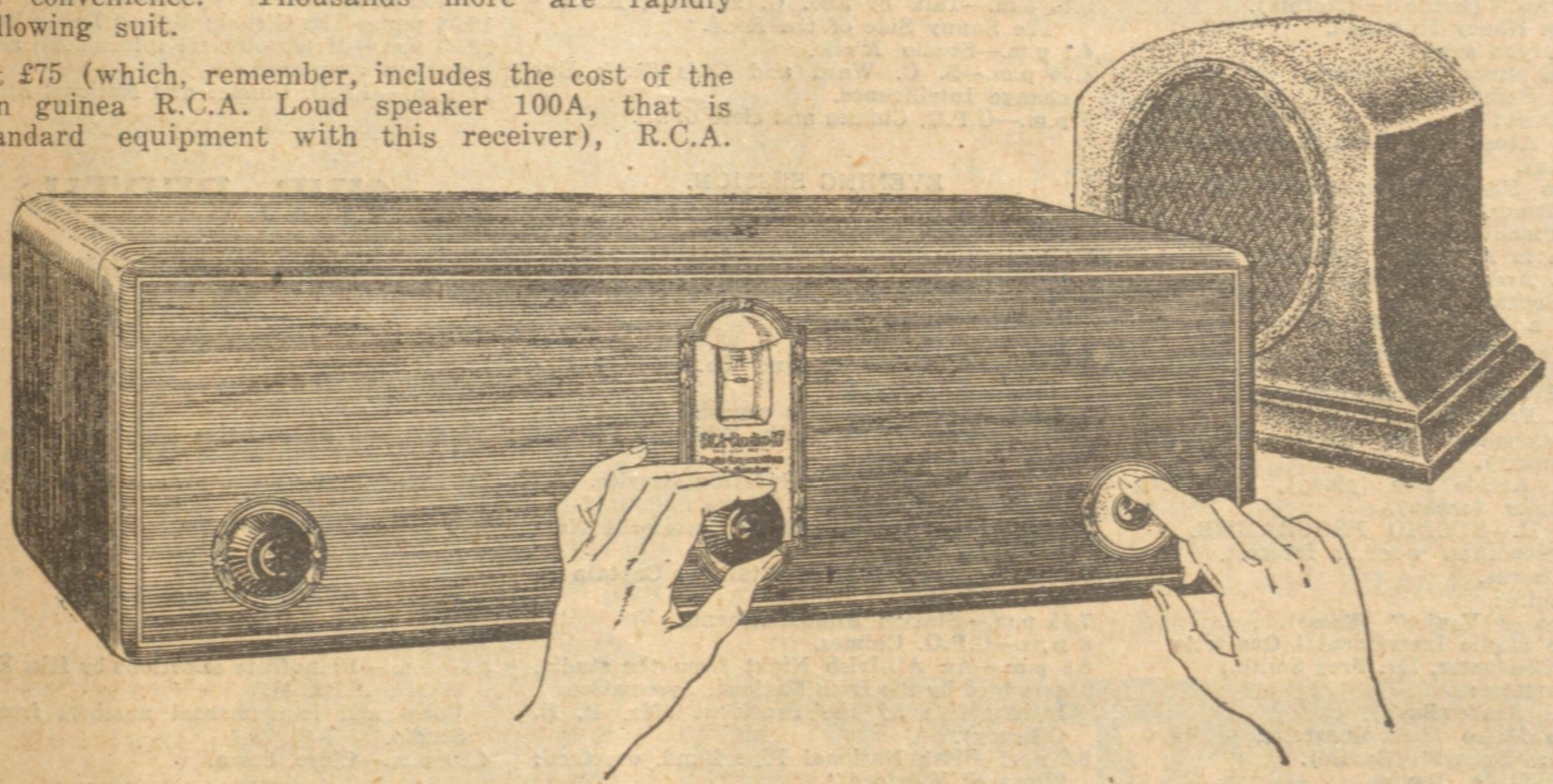

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EARLY EVENING SESSION.

6 p.m.—Maily train running times.
6.2 p.m.—"Daily Standard" news.
6.3 p.m.—Stock Exchange information.
6.9 p.m.—Metal quotations.
6.10 p.m.—From The Paris Cafe: Dinner music.
6.28 p.m.—From the Studio. Announcements.
6.30 p.m.—Bedtime stories by "Uncle Ben" and "Uncle Pete."
7 p.m.—Special news service.
7.3 p.m.—Market reports.
7.25 p.m.—Fenwick's stock report.
7.30 p.m.—Weather information.
7.40 p.m.—Announcements.
7.43 p.m.—Standard time signals.
7.45 p.m.—Lecturette: "A talk on Photography" by Mr. F. L. South (Manager, Kodak Ltd.).

NIGHT SESSION.

PART I.—A CLASSICAL PROGRAMME.
A programme arranged by Mr. Archie Day:
8 p.m.—From The Studio:
"Concerto in A Major" (1st movement)—(Mozart).
Mr. Percy Brier (piano), Mr. Archie Day (organ).
8.10 p.m.—Baritone solo:
"The Two Grenadiers" (Schumann).
Mr. Fred Homer.
8.14 p.m.—Soprano solo:
"Casta Diva" (Bellini)—(Norma).
Miss Nancy Muirhead.
8.20 p.m.—Organ solo:
"Cathedral Music" (Wareing).
Mr. Percy Brier.
8.28 p.m.—Duet:
"And He Arose and Went to His Father" (Sullivan).
Miss Nancy Muirhead and Mr. Fred Homer.
8.31 p.m.—Piano solo:
"Sonata in A Mayor" (Mozart).
Mr. Archie Day.
8.40 p.m.—Soprano solo:
"April is a Lady" (Phillips).
Miss Nancy Muirhead.
8.45 p.m.—Baritone solo:
"To the Forest" (Tschaikowsky).
Mr. Fred Homer.
8.50 p.m.—Concertstrucke—1st Movement (Tschaikowsky).
Mr. Archie Day (piano), Mr. Percy Brier (organ).
PART II.—STUDIO PROGRAMME.
9 p.m.—Metropolitan weather forecast.
Topical Chorus.
9.4 p.m.—Suite:
"Merchant of Venice" (Rosse).
The Studio Instrumental Quartette (Conductor, Mr. Fred Smith.)
Male quartette:
"On the Sea" (Buck).
The Metro Male Quartette.
Bass solo: "Friend" (Davies).
Mr. W. A. Davies.
Group of popular numbers.
The Studio Instrumental Quartette.
Tenor solo: "Serenade" (Schubert).
Mr. A. Smith.
Male Quartette:
"Alice Where Art Thou" (Assher).
The Metro Male Quartette.
Baritone solo:
"Red Devon by the Sea" (Clarke).
Mr. L. Sheridan.
"Henry VIII. Dances" (German).
The Studio Instrumental Quartette.
Vocal duet:
"Larboard Watch" (Williams).
Messrs A. Smith and L. Sheridan.
Tenor solo:
"What am I love Without Thee" (Adams).
Mr. J. Dean.
Male Quartette:
"An Evening's Pastorale" (Shaw).
The Metro Male Quartette.
March:
"For the Flag" (Bodewatt).
The Studio Instrumental Quartette.
10 p.m.—"The Daily Mail" news.
Weather news.
Close down.

5CL, ADELAIDE.

TUESDAY, 12th JUNE, 1928.

EARLY MORNING SESSION.
7.45 a.m. to 9 a.m.

MORNING SESSION.

10.30 a.m.—G.P.O. Chimes.
10.31 a.m.—Studio Music.
10.55 a.m.—Hairdressing talk by "Bobette."
11 a.m.—G.P.O. Chimes.
11.1 a.m.—Kitchen Craft and Menu talks: "What to prepare for to-day's dinner" by "Economist," Household Hints.
11.20 a.m.—Studio Music.
11.30 a.m.—Close down.

MIDDAY SESSION.

1 p.m.—G.P.O. Chimes.
1.1 p.m.—"The Advertiser" news service and International News.
1.20 p.m.—Studio Music.
1.50 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
1.57 p.m.—Meteorological information.
2 p.m.—Close down.

AFTERNOON SESSION.

3 p.m.—G.P.O. Chimes.
3.1 p.m.—Studio Music.
3.45 p.m.—Talk by Rev. G. E. Hale, B.A.: "The Sunny Side of the Road."
4.1 p.m.—Studio Music.
4.56 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
5 p.m.—G.P.O. Chimes and close down.

EVENING SESSION.

6 p.m.—G.P.O. Chimes.
6.1 p.m.—Childrden's entertainment: Greetings and correspondence.
6.10 p.m.—Music and songs for the children.
6.30 p.m.—Dinner Music.
7 p.m.—G.P.O. Chimes.
7.1 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
7.8 p.m.—General Market reports: Dairy Produce, Poultry, Fish, Fruit, Wheat, hides and skins, and stock.
7.15 p.m.—"Windbag's" Sporting Service.
7.20 p.m.—Extracts from "News Bulletin."
7.25 p.m.—Gardening talk by Lasscocks Nurseries, Lockleys.
7.35 p.m.—Popular Science talk by Captain R. B. Playford.
7.55 p.m.—Station Announcements.
8 p.m.—G.P.O. Chimes.
8.1 p.m.—An All-Irish Night from the studio, arranged by the Irish National Association. Introduction by the President (Mr. P. E. O'Leary).
8.5 p.m.—Irish National Pipe Band. overture:
"Boys of Wexford."
"Kelly of Kilann,"
"Nora Creina."
8.13 p.m.—J. G. O'Leary, baritone:
"Wearing of the Green."
8.16 p.m.—P. W. Doberty, "Irish Jig."
8.19 p.m.—Miss M. McFaul, soprano:
"Beautiful Ireland."
8.22 p.m.—Frank Siebert, humorist:
"Tipperary Christening."
8.25 p.m.—Frank McCabe, baritone:
"O'Donnell Abu."
8.28 p.m.—Miss F. Brown, recitation:
"Irish Mother's Knee."
8.32 p.m.—Miss W. O'Leary, soprano:
"Danny Boy."
"Kerry Dance."
8.38 p.m.—B. Curtis, Cornetist:
"Killarney."
8.42 p.m.—Walter Harman, tenor:
"Maire My Girl."
"Erin My Home Land."
8.35 p.m.—Pianoforte recital by Mr. P. E. O'Leary:
"Irish Dances."
8.40 p.m.—L. P. McMahon, tenor, in selected numbers.
8.46 p.m.—Irish Pipe Band, selections.
8.45 p.m.—Kavin Doherty, baritone:
"For the Green."
"Snowy Breasted Pearl."
9.1 p.m.—Meteorological information.
9.2 p.m.—Dalgety's wheat report.
9.4 p.m.—International News.
9.10 p.m.—Irish Pipe Band, selections:
"Wearing of the Green."
"Dawning of the day."
9.19 p.m.—Miss M. McFaul, soprano:
"Steer My Barque."
9.25 p.m.—P. W. Doherty:
"Irish Hornpipe."
9.29 p.m.—Clem Duignan, tenor:
"Dear Little Shamrock."
"Believe me if all those endearing young charms."
9.35 p.m.—Frank Siebert, in more Irish humor:
"Conversazione."
9.39 p.m.—J. G. O'Leary, baritone:
"The Donovans."
9.45 p.m.—Irish Pipe Band, selections.
9.50 p.m.—Miss F. Brown, an Irish monologue.
9.54 p.m.—Frank McCabe, baritone:
"The West's awake."
10.1 p.m.—"The Advertiser" news service.
10.8 p.m.—"Windbag's" Sporting service.
10.12 p.m.—B. Curtis, cornetist:
"Come back to Erin."
10.15 p.m.—P. E. O'Leary, at the piano:
"Irish Hornpipes."
10.18 p.m.—Frank Siebert, humorist:
"Kitty O'Toole."
10.21 p.m.—Miss W. O'Leary, soprano, in selected numbers.
10.27 p.m.—Irish Pipe Band, selections:
"The Harp that once."
"The Sally Gardens."
10.33 p.m.—Walter Harman, tenor.
10.36 p.m.—Finale,
"God Save Ireland" by the company.
10.38 p.m.—The Glenelg Maison Dance Band.
10.55 p.m.—Meteorological information and tomorrow's programme.
11 p.m.—G.P.O. Chimes and National Anthem.

6WF, PERTH.

TUESDAY, 12th JUNE, 1928.

MIDDAY SESSION.

12.30 p.m.—Tune in.
12.35 p.m.—Markets, News, and Cables.
1 p.m.—Time signal.
1.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.
1.2 p.m.—Studio Instrumental Trio, conducted by Mr. Val Smith.
1.30 p.m.—Close down.

AFTERNOON SESSION.

3.30 p.m.—Tune in.
3.35 p.m.—Pianoforte selections by Miss Evelyn Willis, A.R.C.M.
Vocal and instrumental numbers from the Studio.
4.30 p.m.—Close down.

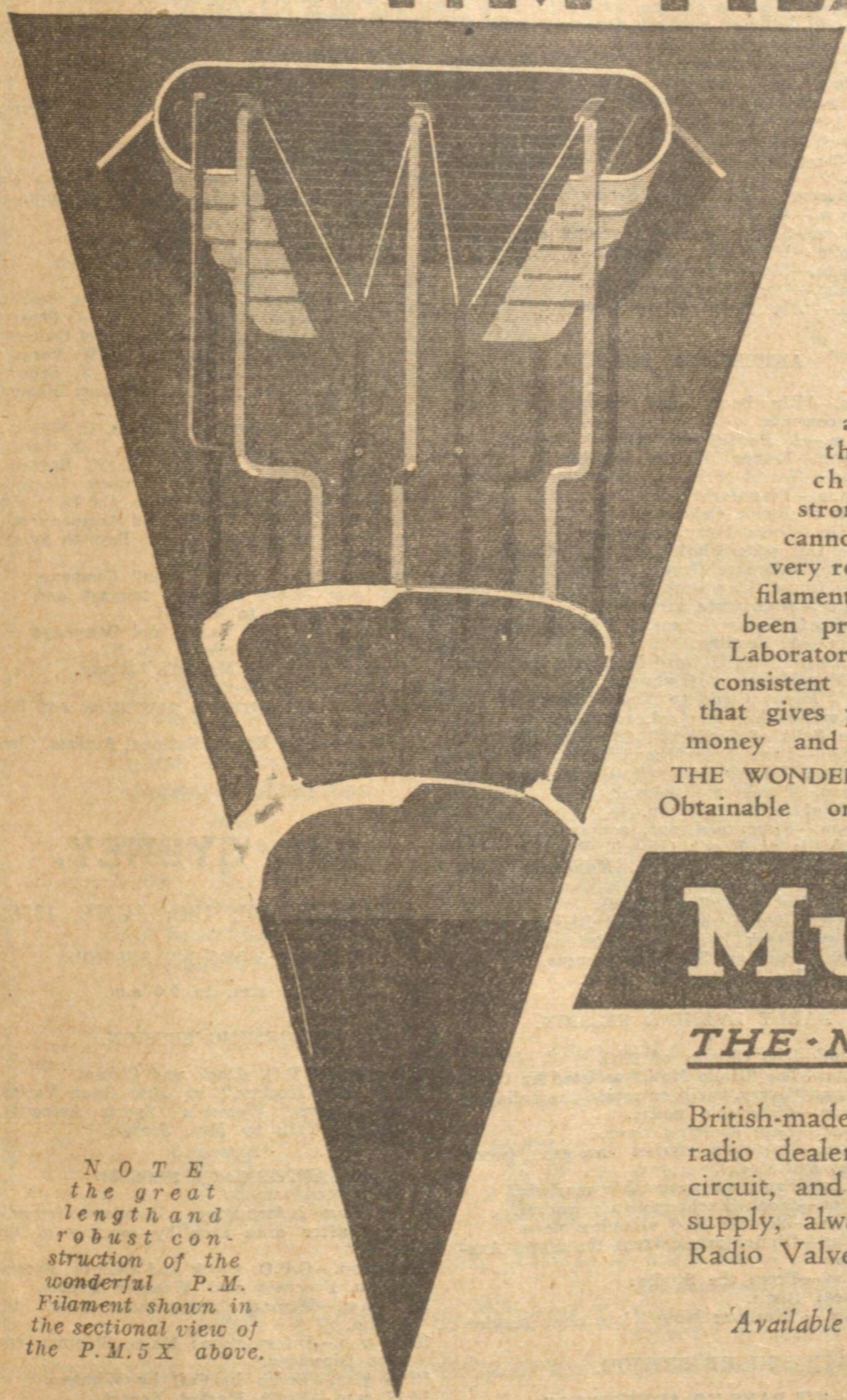
EVENING SESSION.

6.45 p.m.—Tune in.
The evening transmission is broadcast on 104.5 metres as well as the usual wavelength.
6.50 p.m.—Stories for the Kiddies by Uncles Henry. Percy and Duffy.
7.20 p.m.—Stock, Markets, News.
7.45 p.m.—Talk by Dr. J. S. Battye, B.A. LL.B.
8 p.m.—Time signal.
8.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.
Station announcements such as alterations to programmes, etc.
8.3 p.m.—Concert Night.
Musical programme from the Studio, including vocal and instrumental artists.
10 p.m.—Late news items by courtesy of "The Daily News" Newspaper Co.
Ships within range announcement.
Weather report and forecast.
10.30 p.m.—Close down.

104.5 METRE TRANSMISSION.

Simultaneous broadcast on 104.5 metres of programme given on 1250 metres, commencing at 6.45 p.m.

The WONDERFUL P.M FILAMENT



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7ZL, HOBART

TUESDAY, 12th JUNE, 1928.

MORNING SESSION.

11 a.m. to 12 noon.

MATINEE SESSION.

3 p.m.—G.P.O. Clock chimes the hour.
3.1 p.m.—Musical selections.
3.5 p.m.—Hobart Stock Exchange quotations. Weather information. Items of interest—Announcements.
3.15 p.m.—Selections by 7ZL Studio Trio.
3.25 p.m.—Marion Talley, soprano: "Caro Mome The, il Mio Cor" (Rigelletto). "Ma Vce Poco Far" (Barbiere of Seville).
3.33 p.m.—7ZL Studio Trio.
3.43 p.m.—Lawrence Campbell, entertainer. "The Hindoo's Paradise" (Harris). By request. ffl "Wth Elizy" (Haris).
3.51 p.m.—7ZL Studio Trio.
4.1 p.m.—Mr. Jack Cannot, baritone: "I'll be Lonely." "Worryin'."
4.9 p.m.—Z7L Studio Trio:
4.15 p.m.—Educational Talk.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

6.30 p.m.—Children's Corner, Uncle David's half hour.
7 p.m.—Uncle Hector talks to the children.

NIGHT 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. Railway auction produce sales. Weather forecasts. Hobart Stock Exchange quotations.
8 p.m.—G.P.O. Clock chimes the hour. Special Engagement of Miss Edna Claremont (Lyric Soprano) and Mr. Ralph Thomas (Entertainer) who will be heard in various numbers during the intervals of this session. Broadcast from Prince of Wales Theatre, Hobart: Selections by Prince of Wales Orchestra. Conductor, Mr. E. J. McCann.
9.15 p.m.—One Act Play: Characters: Lady at Home, Mrs. E. Dawson. Burgular, Tunder. Scene, Sitting Room. Time 11.45
9.50 p.m.—"Mercury" special Interstate news service. Tasmanian District Weather reports. Station announcements. Wednesday's programme.
10 p.m.—G.P.O. Clock chimes the hour.
10.1 p.m.—Our Tasmanian Goodnight thought: Only game fish swim upstream.
10.2 p.m.—The King.
10.3 p.m.—Close down.

Wednes., June 13

2FC, SYDNEY.

EARLY MORNING SESSION.

7 a.m.—"Big Ben" and announcements.
7.5 a.m.—Studio Music.
7.20 a.m.—Country Session: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services.
7.25 a.m.—Investment market, mining share market, metal quotations.
7.35 a.m.—Wool sales, breadstuffs markets, Interstate markets, produce markets.
7.45 a.m.—"Sydney Morning Herald" summary.
7.50 a.m.—Studio Music.
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." Studio music.
11.5 a.m.—A.P.A. and Reuter's Cable Services.
11.15 a.m.—A Talk on Home Cooking and Recipes by Miss Ruth Furst.
11.30 a.m.—Close down.

MIDDAY SESSION.

12 noon.—"Big Ben" and announcements.
12.2 p.m.—Stock Exchange, first call.
12.3 p.m.—Official weather forecast, rainfall.
12.5 p.m.—Studio Music.
12.10 p.m.—Summary of "Sydney Morning Herald" news service.
12.15 p.m.—Rugby Wireless News.
12.20 p.m.—Studio Music.
1 p.m.—"Big Ben." Weather intelligence.
1.3 p.m.—"Evening News" midday news service. Producers' Distributing Society's Report.
1.20 p.m.—Studio Music.
1.28 p.m.—Stock Exchange, second call.
1.30 p.m.—Doris Orr, soprano.
1.35 p.m.—Studio Music.
1.55 p.m.—Doris Orr, soprano.
2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

3 p.m.—"Big Ben" and programme announcements.
3.5 p.m.—A Recital of "Edison" Records.
3.30 p.m.—Esther Herford, soprano: "Just a World of Roses" (Dorothy Forster).
3.35 p.m.—Pianoforte solos by a Pupil of Bessie Coleman.
3.45 p.m.—Dave Foley, baritone: "The Outpost's Vigil" (Stanley Rivers).
3.50 p.m.—Florence Grant, soprano: "The Little Gray Dove" (Saar).
3.54 p.m.—Pianoforte solos by a Pupil of Bessie Coleman.
4.2 p.m.—A Reading.
4.8 p.m.—William Howard McKenzie, baritone: "A May Morning" (Denza). "If I Might Come to You" (Squire).
4.15 p.m.—Esther Herford, soprano: "The Bells of Twilight" (Dorothy Forster).
4.20 p.m.—Dave Foley, baritone: "Trooper Johnny Ludlow" (Gordon Temple).
4.25 p.m.—Pianoforte Solos by Pupil of Bessie Coleman.
4.35 p.m.—Florence Grant, soprano: "Daffodils at Kew" (Harold Popple).
4.38 p.m.—William Howard McKenzie, baritone: "I Did Not Know" (Trotere). "A Castillian Lament" (Del Riego).
4.45 p.m.—Stock Exchange, third call.
4.47 p.m.—Popular "Edison" Records.
5 p.m.—"Big Ben." Clsoe down.

EARLY EVENING SESSION.

5.40 p.m.—The Chimes of 2FC.
5.45 p.m.—The "Hello Man," assisted by Uncle Rus and "Jerry," will entertain the children.
6.25 p.m.—Children's music.
6.30 p.m.—Late sporting news.
6.35 p.m.—Dalgety's market reports (wool, wheat and stock).
6.43 p.m.—Fruit and vegetable markets.
6.45 p.m.—Stock Exchange information.
6.48 p.m.—Weather and shipping news.
6.50 p.m.—Dinner music from the Hotel Australia.
7.15 p.m.—From the Studio: Musical items.
7.30 p.m.—"Evening News" late news service.

NIGHT SESSION.

"IT PAYS TO ADVERTISE."

7.40 p.m.—Programme announcements.
7.42 p.m.—"Mr. Medley and Mr. Motley."
7.52 p.m.—George McNeilly, Tenor: (a) "River of Years" (Marzial). (b) "Eriskay Love Lilt" (Kennedy Fraser).
7.58 p.m.—Foreword to the next item.
8.0 p.m.—"Big Ben." From the Capitol Theatre, Sydney: The Capitol Theatre Orchestra, under the baton of Ted Henkel. At the "Wurlitzer" Organ, Fred Scholl.
8.10 p.m.—From the Studio: A novelty competition for listeners.
8.15 p.m.—Madame Phyllis Howe, Dramatic Soprano: (a) "Far Greater in His Lovely State," from "Irene" (Gounod). (b) "Songs My Mother Taught Me" (Dvorak).
8.22 p.m.—Daisy Richards, Violinist: (a) "Spanish Dance" (Sarasate). (b) "Menuet" (Bach).
8.30 p.m.—George McNeilly, Tenor: (a) "New Christ" (O'Hara). (b) "That's All" (Brahe).
8.38 p.m.—From the Capitol Theatre: The Stage Presentation.
9.5 p.m.—From the Studio: Madame Phyllis Howe, Dramatic Soprano: "Ritorna Vincitor," from "Aida" (Verdi).
9.11 p.m.—Daisy Richards, Violinist: (a) "Sicilienne and Rigandon" (Kreisler). (b) "Gavotte" (Beethoven).
9.20 p.m.—Hal Rae, Entertainer: Songs at the Piano.
9.30 p.m.—H. W. Varna and Company will produce (by permission of J. C. Williamson):

"IT PAYS TO ADVERTISE,"
By Cooper Megone and Hacket.
Characters:
Mary Grayson ..... Felix Clark
Johnson ..... D. A. Sharp
Countess de Beaurier ..... Muriel Conner
Rodney Martin ..... H. W. Varna
Cyrus Martin ..... H. J. Salier
Ambrose Peale ..... William Hume
Marie Burke .....
Donald McChesney ..... H. C. Wilson
Ellery Clark ..... E. Leod
Mr. Bronson ..... E. H. Brewer
Act I.—Scene: Library at Cyrus Martin's.

10.0 p.m.—Incidental Music to Act II.
10.5 p.m.—H. W. Varna and Company will play the Second Act of "It Pays to Advertise." Scene: Office of "13 Soap" Company.
10.25 p.m.—Late weather forecast and incidental music to Act III.
10.28 p.m.—H. W. Varna and Company: "It Pays to Advertise," Act III. Scene: At Cyrus Martin's Library.
10.48 p.m.—Studio music.
10.57 p.m.—To-morrow's programme and late news.
11.0 p.m.—"Big Ben." National Anthem. Close down.

2BL, SYDNEY.

WEDNESDAY, 13th JUNE, 1928.

EARLY MORNING SESSION.

8.0 a.m. to 9.0 a.m.

MORNING SESSION.

11.0 a.m.—G.P.O. Clock and Chimes. Talk on "Hockey," by Miss Gwen Varley, Broadcasters' Women's Sports Authority. Welfare Talk by Mrs. Jordan.

AFTERNOON SESSION.

Racing Information Broadcast immediately after each race by courtesy of the "Sun."
12.0 noon.—G.P.O. Clock and Chimes; Special Ocean Forecast and Weather Report.
12.3 p.m.—Musical Programme from the Studio.
12.12 p.m.—Information: Mails, Shipping and Port Directory.
12.15 p.m.—Boats in Call by Wireless.
12.17 p.m.—Fruit Market Report.
12.19 p.m.—Vegetable Market Report.
12.21 p.m.—London Metal Market Report.

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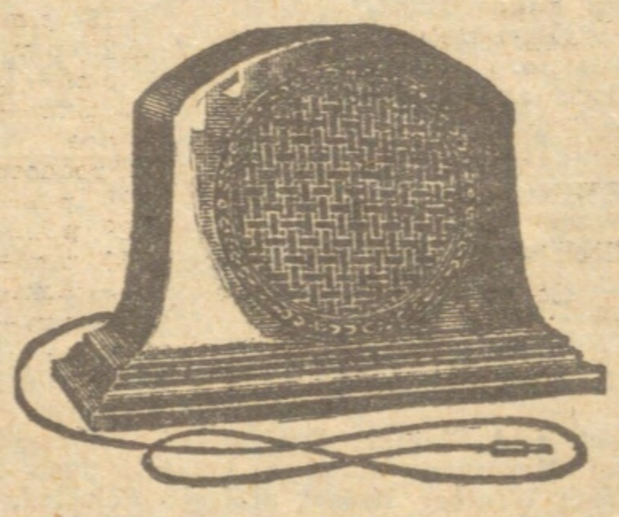

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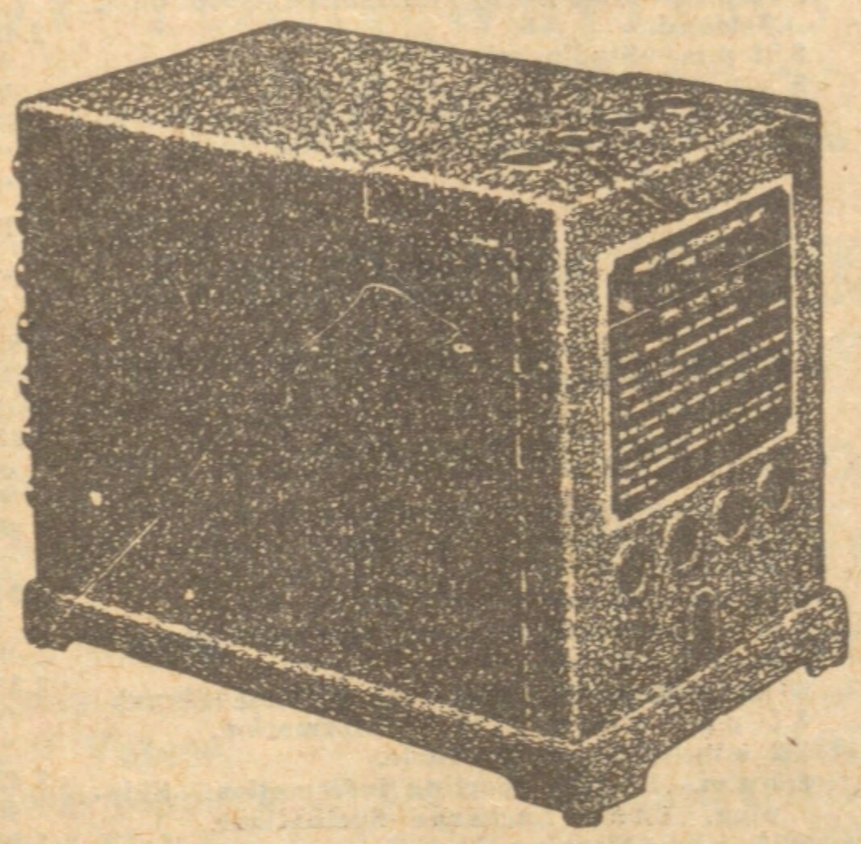

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"THE TIME PAYMENT HOUSE"

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12.23 p.m.—Dairy and Farm Produce Market Report.
12.26 p.m.—Fish Market Report.
12.28 p.m.—Rabbit Market Report.
12.30 p.m.—H.M.V. Gramophone Recital.
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; Musical Programme from Studio.
2.20 p.m.—News from the "Sun."
2.30 p.m.—Musical Prigramme from the Studio.
2.40 p.m.—News from the "Sun."
2.50 p.m.—Musical Programme from the Studio.
3.0 p.m.—G.P.O. Clock and Chimes; News from the "Sun."
3.10 p.m.—Pianoforte Recital from the Studio.
3.20 p.m.—News from the "Sun."
3.30 p.m.—Racing Resume.
3.35 p.m.—Musical Programme from the Studio.
3.40 p.m.—Dungowan Dance Band, broadcast from Dungowan Cabaret.
4.0 p.m.—G.P.O. Clock and Chimes; News from the "Sun."
4.8 p.m.—Musical Programme from the Studio.
4.15 p.m.—News Session.
4.30 p.m.—Dungowan Dance Band.
4.50 p.m.—Features of Evening's Programme.
4.52 p.m.—Racing Resume.
5.0 p.m.—G.P.O. Clock and Chimes; Close Down.

EARLY EVENING SESSION.

5.45 p.m.—G.P.O. Clock and Chimes; Children's Session.
6.30 p.m.—Gulbransen Dinner Music.

SPECIAL COUNTRY SESSION.

7.0 p.m.—G.P.O. Clock and Chimes; Racing Resume; Australian Mercantile Land and Finance Co.'s Report; Weather Report and Forecast by courtesy of Government Meteorologist; Produsers' Distributing Society's Fruit and Vegetable Market Report; Stock Exchange Report; Grain and Fodder Report ("Sun"); Dairy Produce Report ("Sun"); N.R.M.A. Report.
7.15 p.m.—Country News from the "Sun."
7.30 p.m.—News from the "Sun."
7.45 p.m.—Talk on "Astrology," by Miss Charlton-Smith.
8.0 p.m.—G.P.O. Clock and Chimes.
8.1 p.m.—The Pacific Trio (Steel Guitars).
8.8 p.m.—Mr. Will Clarke (Basso).
8.15 p.m.—Seres and Vita (Harp and Violin).
8.22 p.m.—Miss Laurel Streeter (Comedienne).
8.29 p.m.—Mr. W. S. Reay will talk on "Notable Personages of the World."
8.44 p.m.—Miss Elsie Findlay (Soprano).
8.51 p.m.—The Ashfield District Band.
9.11 p.m.—Mr. Claude Corbett, the Sporting Editor of the "Sun," will talk on General Sporting.
9.26 p.m.—The Pacific Trio.
9.33 p.m.—Mr. Will Clarke.
9.40 p.m.—The Ashfield District Band.
10.0 p.m.—Miss Elsie Findlay.
10.7 p.m.—Seres and Vita.
10.14 p.m.—Miss Laurel Streeter.
10.21 p.m.—Resume of Following Day's Programme.
10.25 p.m.—Romano's Restaurant Dance Orchestra, under the direction of Mr. Merv Lyons. During Intervals between Dances "Sun" news will be broadcast.
11.30 p.m.—G.P.O. Clock and Chimes; National Anthem.

2GB, SYDNEY

WEDNESDAY, 13th JUNE, 1928.

MORNING SESSION.

10 a.m.—Music.
10.10 a.m.—Happiness Talk.
10.20 a.m.—Music.
10.30 a.m.—Women's Session.
11.15 a.m.—Close down.

AFTERNOON SESSION.

2 p.m.—Music.
2.20 p.m.—Address.
2.35 p.m.—Music.
3 p.m.—Close down.

EVENING SESSION.

5.30 p.m.—Children's Session by Uncle George.
7 p.m.—Stock and Market reports by New Zealand Loan and Mercantile Agency Ltd.
7.15 p.m.—Music.
8 p.m.—Opening Chorus.
8.2 p.m.—Violin Sonata by Miss Phyllis Campbell.
8.15 p.m.—Address.
8.30 p.m.—Songs by Miss Ethel Francis.
8.37 p.m.—Humorous Recital by Mr. Heath Burdock.
8.52 p.m.—Violin solos by Miss Phyllis Campbell.
9 p.m.—Talk.
9.20 p.m.—"The Story of English Music," told Mr. Clement Hosking, and illustrated with Old English Music by pupils, from the Clement Hosking Studio.
10 p.m.—Close down.

2UW, SYDNEY

WEDNESDAY, 13th JUNE, 1928.

EVENING SESSION.

7 p.m.—Studio items.
7.10 p.m.—Where to go session.
7.14 p.m.—Dinner music.
7.50 p.m.—Miss Tyerman, pianoforte solo. Selected.
7.57 p.m.—Studio selections.
8.15 p.m.—Miss Doris Fitzmaurice, elocutionist. Selected.
8 22 p.m.—News items, mails, shipping etc.
8.30 p.m.—Studio item.
8.36 p.m.—Miss Tyerman, pianoforte solo. Selected.
8.42 p.m.—Weather forecast.
8.45 p.m.—Miss Doris Fitzmaurice, elocutionist Selected.
8.52 p.m.—Studio selections.
9 p.m.—Talk by Mr. J. K. Powell.
9.20 p.m.—Request numbers and dance music.
10 p.m.—Announcements and close down.

3LO, MELBOURNE.

WEDNESDAY, 13th JUNE, 1928.

EARLY MORNINB SESSION.

7.15 a.m.—Morning Melodies.
7.20 a.m.—Physical Culture Exercises (to music).
7.27 a.m.—Morning Melodies.
7.32 a.m.—Weather forecast for all States.
7.40 a.m.—News.
8 a.m.—Melbourne Observatory Time Signal.
8.1 p.m.—Express Train Information.
8.2 a.m.—Musical Interlude.
8.5 a.m.—NEWS. Sporting information. Shipping. Stock Exchange fluctuations.
8.13 a.m.—Morning Melodies.
8.15 a.m.—Close down.

MORNING SESSION.

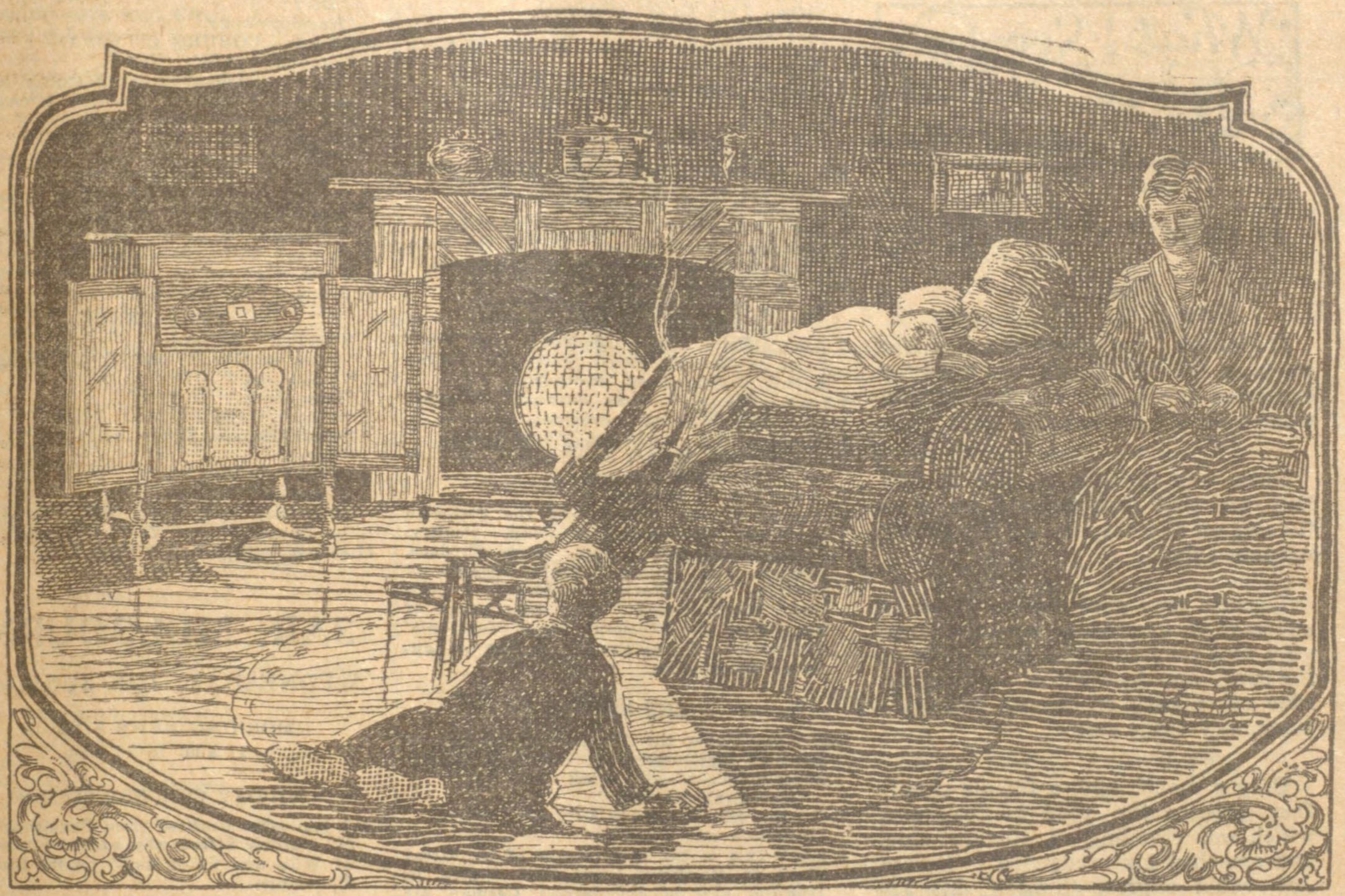
Announcer ..... MAURICE DUDLEY.
11 a.m.—3LO'S CULINARY COUNSELS, or How to Create Creature Comforts with a Minimum of Cash.
11.5 a.m.—J. HOWLETT ROSS: "Jennings Carmichael—Nurse and Poetess."
11.20 a.m.—Musical interlude.
11.25 a.m.—MRS. M. CALLAWAY MAHOOD: "Interior Demoration—Highlights in the Room."
11.40 a.m.—Musical interlude.
11.45 a.m.—MRS. CLARENCE WEBER: "Physical Culture Talk."

MIDDAY SESSION.

Announcer ..... MAURICE DUDLEY.
Accompanist ..... AGNES FORTUNE.
12 noon.—Melbourne Observatory time signal.
12.1 p.m.—Metal prices received by the Australian Mines and Metals Association from the London Stock Exchange this day. British Official Wireless News from Rugby. Reuter's and the Australian Press Association cables. "Argus" news service.
12.20 p.m.—JOHNSTON'S STUDIO BOYS: March, "Stars and Stripes." Overture, "The Crimson Star."
12.30 p.m.—SENIA CHOSTIAKOFF, tenor: "Come Back to Sorento" (De Cutis). Selected.
12.37 p.m.—Stock Exchange information.
12.40 p.m.—JOHNSTON'S STUDIO BOYS: Romance, "Rubinstein."
12.45 p.m.—MADAME LAMBERT, soprano: "Romance—Mignon" (Ambrose Thomas). "Flower Song"—Fause.
12.52 p.m.—JOHNSTON'S STUDIO BOYS: Selection, "Scenes of Beauty."
1 p.m.—Melbourne Observatory time signal.
1.1 p.m.—SENIA CHOSTIAKOFF, tenor: "The Light Shades" (Zuboff). "E Lucevan le Stelle" (Puccini).
1.8 p.m.—Meteorological information. Weather forecasts for Victoria, Tasmania, South Australia and New South Wales. Ocean forecasts. River reports.
1.15 p.m.—JOHNSTON'S STUDIO BOYS: "Loving smile of sister kind," from "Faust."
1.23 p.m.—MADAME LAMBERT, soprano: "Il Baccio" (Arditi). "Mimi Pinson" (Leoncavallo).
1.30 p.m.—Speeches at the Rotary Club luncheon—transmission from Hotel Australia, Collins Street, Melbourne.
2 p.m.—Close down.

AFTERNOON SESSION.

2.12 p.m.—Description of Hurdle Race, 2 miles, MENTONE RACES, by Eric Welch.
2.20 p.m.—THE STATION ORCHESTRA:
2.35 p.m.—LESLIE BEARDSALL: "Joyous Youth"—Suite (Coates). Kashmire Song, "How Many a Lonely Caravan" (Finden).
2.42 p.m.—Description of Open Handicap, 6 furlongs, MENTONE RACES, by Eric Welch.
2.50 p.m.—THE STATION ORCHESTRA: "Serenade" (Mozkowski). "Serenade" (Schubert).
3 p.m.—Melbourne Observatory Time Signal
3.1 p.m.—LESLIE BEARDSALL, Tenor: "Temple Bells" (Finden). "Less than the Dust" (Finden).
3.8 p.m.—THE STATION ORCHESTRA: March, "The Boys of the Old Brigade," on Barris' Famous Song.
3.12 p.m.—Description of Mentone Handicap, one mile, MENTONE RACES, by Eric Welch.
3.20 p.m.—THE STATION ORCHESTRA: "The Geisha" (Jones).
3.30 p.m.—CHAS. McFEE, Alto Sax: "Melodie" (Tschaikowsky). "Alice Blue Gown" (Tierney).
3.35 p.m.—J. HOWARD KING, Baritone: "The Curfew" (Gould). "Heart's Devotion" (Kramer).
3.42 p.m.—Description of Trial Plate, six furlongs, MENTONE RACES, by Eric Welch.
3.50 p.m.—THE GIPSY PLAYERS: "Quartette" (Haydn).
4 p.m.—MADAME LAMBERT, Soprano: Request items.
4.7 p.m.—LES. RICHMOND, Piano: Selected.
4.13 p.m.—Description of Trial Purse, six furlongs, MENTONE RACES, by Eric Welch.
4.20 p.m.—RUPERT HAZELL and ELSIE DAY: "Harmonylarity."
4.33 p.m.—BERTHA JORGENSEN, Violin: "Sur la Montague" (Sauret).
4.42 p.m.—Description of Jumpers' Flat Race, 1¼ miles, MENTONE RACES, by Eric Welch.
4.50 p.m.—J. HOWARD KING, Baritone: "Myself When Young" (Liza Lehman). "Passing By" (Purcell).



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DEMONSTRATIONS IN YOUR OWN HOME WITHOUT OBLIGATION.

COLVILLE MOORE WIRELESS SUPPLIES LTD.

10 Rowe Street (Next Hotel Australia), Sydney.

Women Motorists

If you read my wife's remarks last week, on the fact that I was fined for excessive speed, you will realise why women should never drive cars.

Their one thought in life is new hats, and they rush through traffic as though on the way to an imaginary bargain sale.

Because men give way to them, in courtesy, or everything else, they imagine that they can hold the middle of the road, stop dead without signalling, race other cars on curves, and pass stationary tram cars.

Only a month ago, a female chauffeur crossed the road to Joe's car, which was standing on its right side, and smashed his mudguard. Before Joe could express himself, his assailant remarked: "It was all your fault!"

"How the deuce. . . . " began Joe. Then she flattened him out magnificently:

"If you were a gentleman, you would take the blame, in any case!" Should you like violently-colored verbal sunsets, ask Joe about women drivers!

My wife has one fault as a driver —I have noticed it in other directions: She never knows when to stop. After she had sailed three times through the rear end of our garage, I put my foot down. Hence her wail last week.

She may swear at my wise care when driving, but I ask you, as man to man, would you care to break records in a 'bus which has three times poked daylight through a garage wall?

What women motorists need is Eliminating! And by this I do not mean to jest at the only perfect Eliminator, the Acme, which does away with costly batteries. Unfortunately, the New System folk, at 280 Castlereagh Street, do not sell special Eliminators to put lady drivers out of action.

4.57 p.m.—THE GIPSY PLAYERS:
"When Love Calls" (Huerter).
"Souvenerde Valparaiso" (Ritter).
5.2 p.m.—"Herald" News Service. Stock Exchange information.
5.15 p.m.—Close down.

EVENING SESSION.

6 p.m.—Answers to Letters and Birthday Greetings by "MARY, MARY."
6.20 p.m.—Musical interlude.
6.25 p.m.—CAPTAIN DONALD MACLEAN: The Spanish Conquests: "How the Dons Discovered the Treasures of the World."
6.50 p.m.—"MARY, MARY."
A Tale from Norse Mythology:—
"Thor and the Giants."
7 p.m.—Official report of Newmarket Stock Sales by the Associated Stock and Station Agents, Bourke-street, Melbourne.
7.5 p.m.—"Herald" News Service. Weather synopsis. Shipping movements.
7.12 p.m.—Stock Exchange information.
7.17 p.m.—Fish Market reports by J. R. Borrett, Ltd. Rabbit prices.
7.19 p.m.—River reports.
7.21 p.m.—Market reports by the Victorian Producers' Co-operative Co., Ltd. Poultry, Grain, Hay, Straw, Jute, Dairy Produce, Potatoes and Onions. Market reports of Fruit by the Victorian Fruiterers' Association. Retail prices. Wholesale prices of Fruit from the Wholesale Fruit Merchants' Association. Citrus Fruits. Results of Egg-laying competition.

NIGHT SESSION.

7.30 p.m.—Under the Auspices of the Department of Agriculture, R. CROWE, Exports Superintendent, will speak on "Marketing Methods."
7.45 p.m.—P. W. PEARCE:
"Digestion and Exercise."
8 p.m.—This is the Anniversary of the Great Flood at Maitland, New South Wales, in 1863,and also of the largest German air raid on London—1917.
8.1 p.m.—CAPTAIN C. H. PETERS:
"Books, Wise and Otherwise."
8.15 p.m.—On this date eighty-six years ago, Queen Victoria made her first journey by train—Slough to Paddington.
Birthday Greetings and Programme Announcements.
8.15 p.m.—COBURG CITY BAND:
Overture, "Golden Cross" (Greenwood).
8.26 p.m.—SENIA CHOSTIAKOFF, Tenor:
"Amor ti Vieta," Feodora (Giordano).
"Diane" (Ropee and Pollack).
8.33 p.m.—COBURG CITY BAND:
March, "The Middy" (Alford).
8.40 p.m.—MELBOURNE CHORAL UNION:
Madrigal, "The Silver Swan" (Gibbons).
"The March Triumphant" (Elgar).
8.47 p.m.—HAROLD ELVINS, Piano:
"Study in A Major" (Chopin).
"In a Boat" (Zechiver).
"Nocturne from the 2nd Act of "Feodora" (Giordano).
"Two Arabesques" (Debussy).
9.7 p.m.—THE GYPSY PLAYERS:
"Quartet" (Mozart).
9.14 p.m.—THE MELBOURNE CHORAL UNION:
"London Town" (German).
"Tramp O'er Moss and Fell" (Bishop).
Soloists, Mdlle. Saffo Arnav.
9.21 p.m.—ONE-ACT PLAY:
"MRS. HILIARY REGRETS" (Theyne Smith).
Dr. Power (An Irish Doctor), MAURICE DUDLEY.
Blanche Hilary (A Young Widow), MRS. MAURICE DUDLEY.
March, "Senlac Abbey."
9.41 p.m.—COBURG CITY BAND:
9.48 p.m.—MADAME LAMBERT, Soprano:
"Sincerity."
"Aime Moi" (Bambery).
9.55 p.m.—VIOLIN AND VIOLA DUET:
BERTHA JORGENSEN AND DOROTHY ROXBURGH.
"Last Movement Mozart Concerto."
10.3 p.m.—RUPERT HAZELL AND ELSIE DAY:
"Harmonylarity."
10.16 p.m.—COBURG CITY BAND:
Selection, "Sally" (Kern).
10.28 p.m.—"Argus" News Service. Meteorological information. British official wireless news from Rugby.
10.38 p.m.—THE GYPSY PLAYERS:
"Sleeping Beauty Serenade" (Bigborn).
"Dance Oriental" (Lubomorosky).
10.4' p.m.—MADAME LAMBERT, Soprano:
"Valse de Musette" (Leoncanvallo).
"Serenade Francaise" (Leoncanvallo).
10.52 p.m.—COBURG CITY BAND:
Waltz, "Sunset on the St. Lawrence."
11.3 p.m.—THE VAGABONDS:
LET'S DANCE.
'Pleading'" (Jones).
"Down in Old Havana Town" (Friend).
"Aloha Land" (Berlin).
"Hide, Hide" (Huffer).
"Dance of the Fireflies" (Bloom).
"When Banana Skins are Falling" (Potter)
"Egypt."
"Vum-Vum-Vum."
"Coquette" (Kahn).
"Somebody Lied About Me" (Kahn).
"A Bungalow and You" (O'Hagan).
11.40 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

WEDNESDAY, 13th JUNE, 1928.

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

MIDDAY CONCERT SESSION.

12.1 p.m.—Transmitted from Panatrope House, 252 Collins Street, (by exclusive permission of Wills and Paton Ltd.) on the Brunswick Panatrope.

MATINEE SESSION.

Sport. During the afternoon the results of the Mentone Races, together with other information, will be broadcast immediately each race is run.
2 p.m.—Ayarz Dansonians.
A Half-hour Dance Session by Melbourne's favorite Dance Band. All the latest popular hits, each one announced prior to its presentation.
2.30 p.m.—Melbourne Concert Orchestra:
Selection, "The Ceisha" (Sidney Jones).
"Polly" (Zamecnik).
2.46 p.m.—Dorothy Eyton-Jones, contralto:
"Beloved it is Morn" (Aylward).
"Turn once again" (Giordani).
2.53 p.m.—Melbourne Concert Orchestra:
"Scene de Ballet" (Ch. de Beriot).
"W. H. Squire's Popular Songs" (Ar. Baynes).
3.11 p.m.—Dorothy Eyton-Jones, contralto:
"Summer Rain" (James).
"Old English Love Song" (Allitsen).
3.18 p.m.—Ayarz Dansonians.
3.30 p.m.—Announcements.
3.35 p.m.—A Talk by Dr. George Payne Philpots, President of the Food Education Society and Editor of the National Magazine of Health.
3.45 p.m.—Melbourne Concert Orchestra:
"Victor Herbert's Favorites" (Herbert).
"Three Pitcures from Syria" (Montague Ring.)
4 p.m.—G.P.O. Clock says "Four."
4.1 p.m.—Second Weather forecast.
4.3 p.m.—William Davies, bass:
"The Skipper of St. Ives" (Roickel).
"Nita Gatina" (Newton).
4.11 p.m.—Melbourne Concert Orchestra:
"Musical Gems of Tschaikowsky" (Arr. Otto Langey).
"Romeo's Farewell to Juliet" (Maurice Baron).
4.29 p.m.—Herbert Pettifer, violin:
"Minuet" (Paderewski-Kreisler).
4.33 p.m.—William Davies, bass:
"Dreams of the Dusk" (Guy d'Hardelot).
"A Vagabond's Son" (Cundell).
4.41 p.m.—Ayarz Dansonians.

4.55 p.m.—To-night's entertainment. Announcements.
5 p.m.—G.P.O. clock says Five. God Save the King.

CHILDREN'S SESSION.

6.30 p.m.—3AR's Cousin Peter.

EVENING SESSION.

CONCERT HALL AND BALLROOM.

7.15 p.m.—Our Boy Scouts. Commissioner W. D. Kennedy, Deputy Camp Chief of Victoria, will give his interesting weekly notes and news on the Scout Movement.
7.35 p.m.—Sport session. "Harlequin" presents his budget of up-to-date news and comments on sport of the day.
7.50 p.m.—Macnamara's stock reports.
8 p.m.—G.P.O. clock says Eight.
8.1 p.m.—Melbourne Concert Orchestra: Overture: "Hunyady Lazlo' (Eikel Ferencz).
8.12 p.m.—Mae Seaton Soubrette: "Are you lonesome to-night?" (Handman). "Under the clover moon" (Schwartz). From the Combined Chemical Dinner, Cafe Francais, Little Collins Street.
8.20 p.m.—Speech. Prof. E. J. Hartung.
8.24 p.m.—Speech. Prof. S. M. Wadham.

FROM THE STUDIO.

8.20 p.m.—Ayarz Dansonians.
8.35 p.m.—From the Cafe Francais: Speech. Sir John Russell, Director Rothansted Agr. Stat., England.

FROM THE STUDIO.

8.55 p.m.—Mae Seaton, soubrette: "Worryin'" (Fairman). "Broken Hearted" (Henderson).
9.2 p.m.—William Whittingham, violin: "Moment Musical" (Schubert-Kreisler).
9.5 p.m.—Melbourne Concert Orchestra: "Arabian Dance" (Crist). "Chinese Dance" (Crist).
9.10 p.m.—From the Cafe Francais: Speech. Mr. G. A. Julius, Chamber Inst. Sc. and Industry.

FROM THE STUDIO.

9.25 p.m.—Julia Russell, soprano: "Aubade" (Lalo). "Cradle Song" (Gretchaninow).
9.33 p.m.—Ethel Brearley, piano: "Wiegenlied" (Brahms).
9.36 p.m.—Ayarz Dansonians.
9.50 p.m.—Mr. A. W. Balland, talk on "Esperanto."
10 p.m.—G.P.O. clock says Ten.
10.1 p.m.—Semi-final weather forecast, specially for our country listeners.
10.3 p.m.—Melbourne Concert Orchestra: Selection, "Fedora" (Umberto Giordano). "Spanish Dances" Nos. 1 and 2 (Moszkowski).
10.22 p.m.—Julia Russell, soprano: "The Maids of Cadiz" (Delibes). "J'ai pleure es Reve" (Georges Hue).
10.30 p.m.—Ayarz Dansonians.
10.45 p.m.—"Harlequin." Sports results.
10.52 p.m.—"Age" news service, exclusive to 3AR.
10.58 p.m.—Final weather forecast.
10.59 p.m.—Our Australian Good-night Quote is taken from the poem, "For My Sake," by Brunton Stephens.
11 p.m.—G.P.O. clock says Eleven. God Save the King.

4QG, BRISBANE.

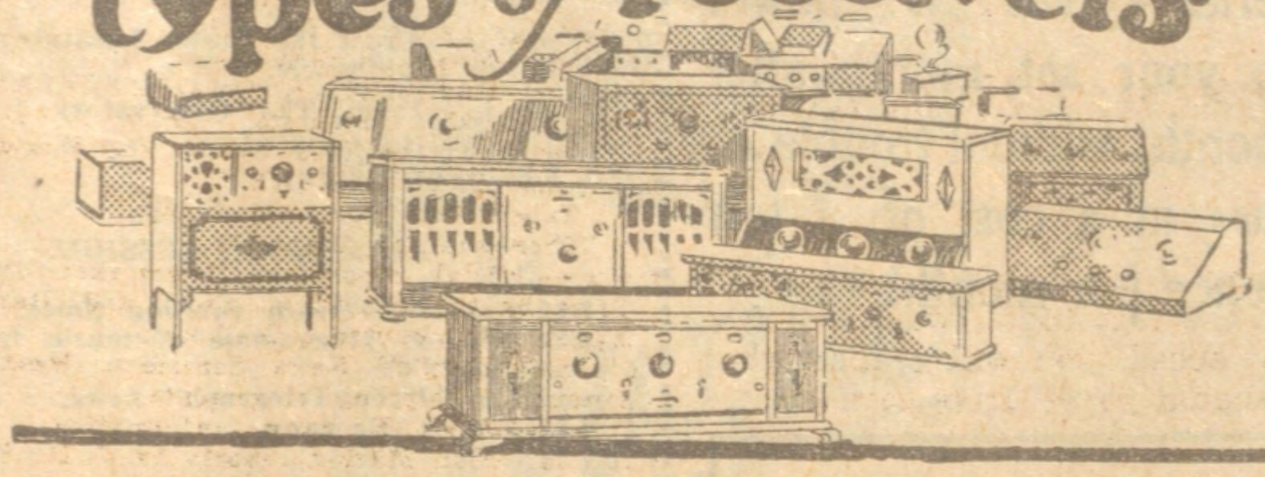
WEDNESDAY, 13th JUNE, 1928.

MORNING SESSION.

An Hour For The Ladies.

10.30 a.m.—To-day's Social News.
10.40 a.m.—Music.
10.45 a.m.—A talk on the League of Nations, by Miss Freda Bage.

Over 40 different types of receivers



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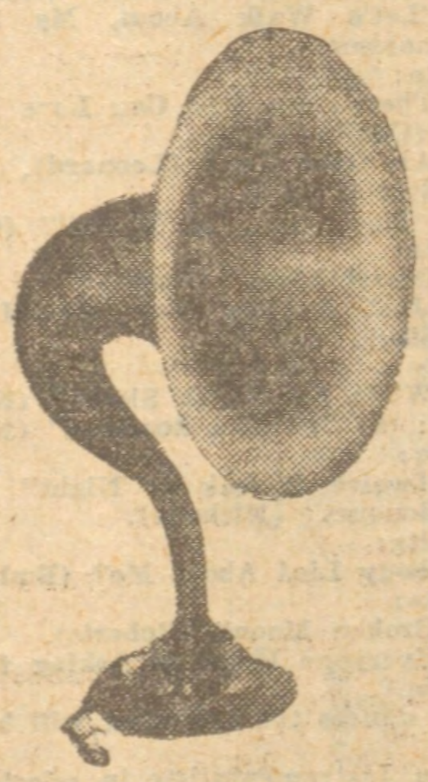

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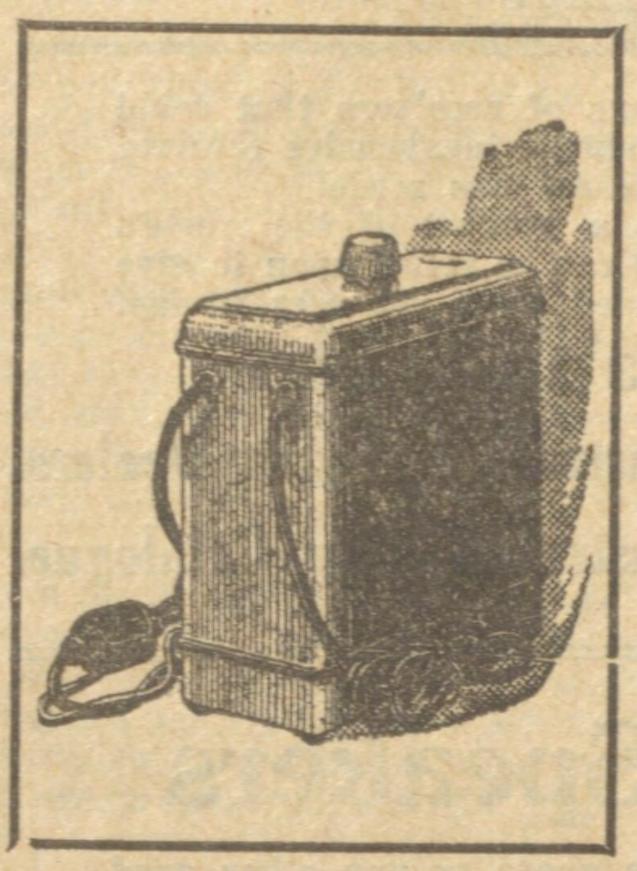

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Ask any good dealer.

NEW SYSTEM TELEPHONES Pty. Ltd.
280 Castlereagh St., Sydney
181-3 King St., Melbourne
Charles Street, Adelaide

11 a.m.—Music.
11.10 a.m.—General News.
11.20 a.m.—Music.
11.30 a.m.—Close down.

MIDDAY SESSION.

1 p.m.—Market reports; weather information; "The Daily Mail" and "The Daily Standard" news.
1.30 p.m.—From the Postal Institute: Lunch hour music.
1.58 p.m.—From The Observatory: Standard time signal.
2 p.m.—Close down.

AFTERNOON SESSION.

3.30 p.m.—Mail train running times.
3.31 p.m.—A programme of music from the studio.
4.15 p.m.—"The Telegraph" news.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

6 p.m.—Mail train running times.
6.2 p.m.—"Daily Standard" news.
6.8 p.m.—Stock Exchange Information.
6.9 p.m.—Metal quotations.
6.10 p.m.—"The Proble mof Eye Strain in Industrial Occupations"—by Mr. A. K. Bedwell.
6.28 p.m.—Announcements.
6.30 p.m.—Bedtime stories by "Little Miss Brisbane."
7 p.m.—Special news service.
7.3 p.m.—Market reports.
7.25 p.m.—Fenwick's stock report.
7.30 p.m.—Weather information.
7.40 p.m.—Announcements.
7.43 p.m.—Standard time signals.
7.45 p.m.—Lecturette arranged by the Queensland Agricultural High School and College.

NIGHT SESSION.

A JAZZ NIGHT.

A programme of dance music by Alf. Featherstone and his Studio Syncopators, relayed (by arrangement) from Hotel Carlton, including:—
Fox-trots:
(a) "After I Say I'm Sorry" (Donaldson).
(b) "Let's Walk About, My Sweetie" (Donaldson).
Fox trots:
(a) "There's No One Can Love Me Like You" (Confrey).
(b) "All Over You" (Leonard).
Jazz waltz:
"Sing Me a Song of Hawaii" (Gounod).
Fox trots:
(a) "Desert Blues" (Smoley).
(b) "Just Another Day Wasted Away" (Tobias).
Oriental:
(a) "While the Sarah Sleeps" (Nicholls).
Fox-trot: (b) "Persian Roseland" (Nicholls).
Fox trots:
(a) "Twelve O'clock at Night" (Rose).
(b) "Bouquet" (Nicholls).
Jazz waltz:
"Somebody Lied About Me" (Ember).
Fox trots:
(a) "Broken Moon" (Roberts).
(b) "Everyone Home is Asking for You" (Kahn).
Between dances the following will be broadcast:
Hawaiian Instrumentalists in selected numbers:
The Aloha Novelty Trio.
Mr. J. H. Fay will discuss Australia's chances in the Olympic Games.
Soprano solos:
(a) "My Life is Love" (Fraser).
(b) "Annie Lauri" (Lehman).
Miss Jill Manners.
Baritone solos:
(a) "Red Devon by the Sea" (Clarke).
(b) "The Trumpeter" (J. Airle-Dix).
Mr. A. V. James.
10 p.m.—"The Daily Mail" news.
Weather news.
Close down.

5CL, ADELAIDE.

WEDNESDAY, 13th JUNE, 1928.

EARLY MORNING SESSION.
7.45 a.m. to 9 a.m.

MORNING SESSION.

10.30 a.m.—G.P.O. Chimes.
10.31 a.m.—Studio music.
10.55 a.m.—Hairdressing talk by "Bobette."
11 a.m.—G.P.O. Chimes.
11.1 a.m.—Kitchen Craft and Menu talks: "What to prepare for to-day's dinner" by "Economist," Household Hints.
11.20 a.m.—Studio Music.

MIDDAY SESSION.

1 p.m.—G.P.O. Chimes.
1.1 p.m.—"The Advertiser" news service and International News.
1.20 p.m.—Studio Music.
1.50 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
1.57 p.m.—Meteorological information.
2 p.m.—G.P.O. Chimes and close down.

AFTERNOON SESSION.

3 pm..—G.P.O. Chimes.
3.1 p.m.—Studio Music.
3.30 p.m.—Fashion talk by Messrs. J. Craven and Co.
3.45 p.m.—Studio Music.
4.56 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.

EVENING SESSION.

6 p.m.—G.P.O. Chimes.
6.1 p.m.—Children's entertainment, greetings and correspondence.
6.10 p.m.—A Story for children.
6.20 p.m.—Songs and music for children.
6.30 p.m.—Dinner Music.
7 p.m.—G.P.O. Chimes.
7.1 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
7.8 p.m.—General Market reports, Dairy Produce, Poultry Fish, Fruit, Wheat, Skins and hides, stock, etc.
7.15 p.m.—Travel talk.
7.25 p.m.—Boy Scouts Corner.
7.40 p.m.—Entertainment for the 5CL Bluebird Girls' Club by "The Bird Lady."
8 p.m.—G.P.O. Chimes.
8.1 p.m.—Holden's Silver Band:
March, "Blencattra."
Overture, "Stradella."
8.15 p.m.—Syd Morrell, baritone:
"Song of the Clock."
"Even bravest hearts may fail."
8.21 p.m.—Some humor by Will Runge
8.30 p.m.—Holden's Silver Band:
Waltz, "Demure."
Intermezzo: "At Sunset."
8.42 p.m.—Syd Morrell, baritone:
"Yeoman's Wedding Song."
"Molly's Eyes" (Hawley).
8.49 p.m.—Holden's Silver Band, characteristic:
"March of the Mannikins."
Novelty, "Down in Chinatown."
9.1 p.m.—Meteorological information.
9.2 p.m.—International news.
9.7 p.m.—Dalgety's Wheat report.
9.8 p.m.—Marcella Berardi, soprano:
"Mad Scene" from "Lucia de Lammermoor" (Donizetti).
9.13 p.m.—The Glenelg Maison Dance Band.
9.25 p.m.—Holden's Silver Band, selections from "Faust" (Gounod).
Minuet, "Berenice."
9.38 p.m.—Marcella Berardi, soprano:
"Una voce poco Fa" from "The Barber of Seville" (Rossini).
9.45 p.m.—Five minutes humor by Will Runge.
9.50 p.m.—Holden's Silver Band:
Selection, "Cavalleria Rusticana" (Mascagni).
10.1 p.m.—"The Advertiser" news service.
10.8 p.m.—Jean Rinder, contralto:
"The Summer Night."
"My Dear Soul."
10.14 p.m.—Holden's Silver Band:
March, "Sons of the Brave."
10.18 p.m.—Jean Rinder, contralto:
"The Wind."
"Little House of Dreams."
10.24 p.m.—The Glenelg Maison Dance Band.
10.55 p.m.—Meteorological information and tomorrow's programme.
11 p.m.—G.P.O. Chimes and National Anthem.

6WF, PERTH

WEDNESDAY, 13th JUNE, 1928.

MIDDAY SESSION.

12.30 p.m.—Tune in.
12.35 p.m.—Markets, News, and cables.
1 p.m.—Time signal.
1.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia.
1.2 p.m.—Studio Quintette, conducted by Mr. Val Smith.
2 p.m.—Close down.

AFTERNOON SESSION.

3.30 p.m.—Tune in.
3.35 p.m.—Talk: "Fashions" by Junette.
3.55 p.m.—Organ and Pianola music relayed from the Grand Theatre, Murray Street. Vocal and instrumental numbers from the Studio.
4.30 p.m.—Close down.

EVENING SESSION.

6.45 p.m.—Tune in.
The evening transmission is broadcast on 104.5 metres as well as the usual wavelength.
6.50 p.m.—Stories for the Kiddies by Uncles Henry, Percy and Duffy.
7.20 p.m.—Stocks, Markets, News.
7.45 p.m.—Talk.
8 p.m.—Time signal.
8.1 p.m.—Weather notes supplied by the Meteorological Bureau of Western Australia. Station announcements such as alterations to programmes, etc.
8.3 p.m.—Variety Night:
Musical programme from the studio, including vocal and instrumental artists.
10 p.m.—Late news items by courtesy of "The Daily News" Newspaper Co.
Ships within range announcements.
Weather report and forecast.
10.30 p.m.—Close down.

104.5 METRE TRANSMISSION.

Simultaneous broadcast on 104.5 metres of programme given on 1250 metres, commencing at 6.45 p.m.

7ZL, HOBART

WEDNESDAY, 13th JUNE, 1928.

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

MATINEE SESSION.

During this session the Mystery Man will entertain.
3 p.m.—G.P.O. Clock chimes the hour.
3.1 p.m.—Musical selections.
3.5 p.m.—Hobart Stock Exchange quotations. Weather information.
Items of interest—Announcements.
3.15 p.m.—Misha Elman, violin:
"La Conquntane Camzinetta" (Joseph Szigeti).
"Caprice" (In two parts).
3.23 p.m.—Tetta Ruffo, soprano:
"But the Lord is mindful" (Heink).
"One Sweetly Solemn Thought" (Heink).
3.31 p.m.—Matt Ia Battistini:
"O de verd'anni Mier."
"Eru ter che maschavequell anima."
3.39 p.m.—Mattia Battistimi:
"Vrna fatale del mio destnio."
"Eritu macchair quell anima."
3.47 p.m.—Harry Lauder, comedian:
"He was very kind to me."
"Bounding Bounder."
3.55 p.m.—Mark Fisher, vocal:
"Everywhere You Go" (Fisher).
"A Shady Tree" (Donaldson).
4.3 p.m.—Len Maurice, baritone:
"The Prisoner's Child" (Russ). By request.
"Yesterday" (Wilhite).
4.15 p.m.—Readings from Illustrated Tasmanian Mail.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

6.30 p.m.—Uncle Mac late of 3AR Melbourne will give stories, Birthday Greetings and Music for all the little Folk from the Studio.

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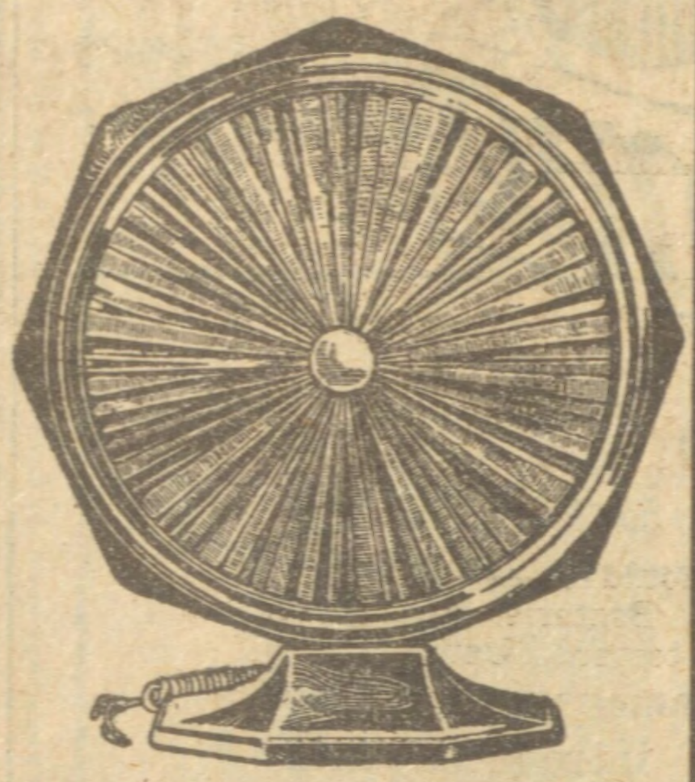

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NIGHT SESSION.

7.30 p.m.—Musical selections.
7.35 p.m.—Weekly Scouting Chat.
7.50 p.m.—"Mercury" special Tasmanian news service.
Railway auction produce sales.
Weather forecasts.
Hobart Stock Exchange quotations.
8 p.m.—G.P.O. Clock chimes the hour.
8.1 p.m.—Vocal and Instrumental Recital by famous International Artists Broadcast from Finlay's Music House, Elizabeth Street, Hobart.
9.50 p.m.—"Mercury" special Interstate news service.
Ships within wireless range.
Weather forecasts.
9 p.m. Tasmanian District weather reports.
Station announcements—Thursday's programme.
10 p.m.—G.P.O. Clock chimes the hour.
10.1 p.m.—Our Tasmanian goodnight thought: It's no use to grumble or complain, it's just as cheap and easy to rejoice, when God sets out the weather and sends rain—Why rain my choice.
10.2 p.m.—The King.
10.3 p.m.—Close down.

Thursday, June 14

2FC, SYDNEY

EARLY MORNING SESSION.

7 a.m.—"Big Ben" and announcements.
7.5 a.m.—Studio Music.
7.20 a.m.—Country Session: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services.
7.25 a.m.—Investment market, mining share market, metal quotations.
7.35 a.m.—Wool sales, breadstuffs markets, Interstate markets, produce markets.
7.45 a.m.—"Sydney Morning Herald" summary.
7.50 a.m.—Studio Music.
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.—Last minute sporting information by the 2FC Commissioner.
10.45 a.m.—Studio Reading.
11 a.m.—"Big Ben." Studio Music.
11.5 a.m.—A.P.A. and Reuter's Cable Services.
11.10 a.m.—Studio Music.
11.15 a.m.—A Reading.
11.30 a.m.—Close down.

MIDDAY SESSION.

12 noon.—"Big Ben" and announcements.
12.2 p.m.—Stock Exchange, first call.
12.3 p.m.—Official weather forecast, rainfall.
12.4 p.m.—Studio Music.
12.10 p.m.—Summary of "Sydney Morning Herald" news service.
12.15 p.m.—Rugby Wireless News.
12.20 p.m.—Studio Music.
1 p.m.—"Big Ben." Weather intelligence.
1.3 p.m.—"Evening News" midday news service.
Producers' Distributing Society's Report.
1.20 p.m.—Studio Music: Popular and Dance Records.
1.28 p.m.—Stock Exchange, second call.
1.30 p.m.—Annie Sedger, mezzo.
1.35 p.m.—Studio Music: Dance Records.
1.45 p.m.—Annie Sedger, mezzo.
1.50 p.m.—Latest Sporting News by 2FC Racing Commissioner.
2 p.m.—Close down.

AFTERNOON SESSION.

3 p.m.—"Big Ben" and programme announcements.
3.5 p.m.—From the Congregational Church, Pitt Street, Sydney:
An Organ Recital by Lilian Frost.
3.20 p.m.—From the Studio:
Aldyth Hern, soprano:
"Starry Woods" (Montague Phillips).
3.25 p.m.—From the Congregational Church, Pitt Street, Sydney:
Items by Lilian Frost, organist.
3.40 p.m.—From the Studio:
Norman Mann, tenor:
"A Dream" (Bartlett).
3.45 p.m.—From the Congregational Church, Pitt Street, Sydney:
Organ solos by Lilian Frost.
4 p.m.—"Big Ben."
From the Studio:
Ethel Daw, contralto:
"Sink, Red Sun" (Teresa del Riego).
4.5 p.m.—From the Congregational Church, Pitt Street, Sydney:
Concluding items of the Organ Recital by Lilian Frost.
4.20 p.m.—From the Studio:
Aldyth Hern, soprano:
"Butterflies" (Felix Corbett).
4.25 p.m.—Norman Mann, tenor:
"The Sailor's Grave" (Sullivan).
4.30 p.m.—Ethel Daw, contralto:
"Heart's Ease" (Charles Willeby).
4.35 p.m.—A short talk.
4.45 p.m.—Stock Exchange, third call
4.47 p.m.—Studio Music.
5 p.m.—"Big Ben." Close down.

EARLY EVENING SESSION.

5.40 p.m.—The Chimes of 2FC.
5.45 p.m.—The "Hello Man" talks to the children.
6.25 p.m.—Children's music.
6.30 p.m.—Late sporting news.
6.35 p.m.—Dalgety's market reports (wool, wheat and stock).
6.43 p.m.—Fruit and vegetable markets.
6.48 p.m.—Weather and shipping news.
6.50 p.m.—A short talk by George Portus.
7 p.m.—"Big Ben."
From the Hotel Australia:
Dinner music by the Hotel Australia Orchestra.
7.15 p.m.—Musical items from the Studio.
7.30 p.m.—"Evening News" late news service.

NIGHT SESSION.

GRAND OPERA AND CLASSICAL.

7.40 p.m.—Programme announcements.
7.45 p.m.—Studio items.
8 p.m.—"Big Ben."
"Mr. Medley and Mr. Motley."
8.10 p.m.—Roland Foster will give the fifth of his lecture recitals, dealing this evening with Puccini's last opera, "Turandot."
Vocalists:
Mille Hughes, contralto.
Daisy Mangan, soprano.
Albert Jones.
At the piano, Charlotte Mills.
8.40 p.m.—The 2FC Studio Orchestra, conducted by Horace Keats:
"Fingal's Cave" (Mendelssohn).
8.52 p.m.—Part Two of the Lecture Recital by Roland Foster, dealing with "Turandot."
9.20 p.m.—The 2FC Studio Orchestra:
(a) Overture, "Tancredi" (Rossini).
(b) Selection, "The Fortune Teller" (Herbert).
9.38 p.m.—Rev. F. H. Raward will continue his series of talks:
"I'll tell you a curious thing."
9.53 p.m.—Charles Wentzel, viola solos:
(a) "Andante" from "Concerto" (Sitt).
(b) "Adagio and Allegro" from "Sonata" (Handel).
10.3 p.m.—"To-night's Visitor."
10.18 p.m.—The 2FC Studio Orchestra:
(a) 1. "Moritza" (Berkowicz).
2. "Second Serenade" (Toselli).
(b) "The Spring Song" (Mendelssohn).
(c) "Valse Suite" (Brahms).

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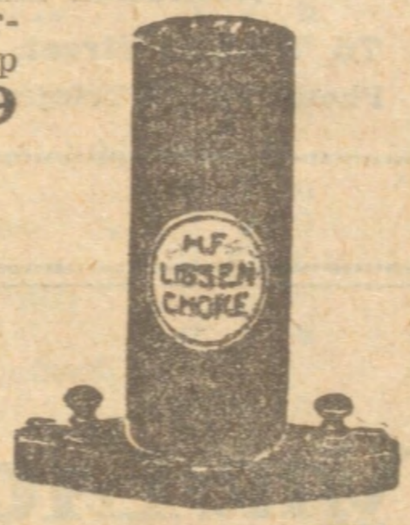

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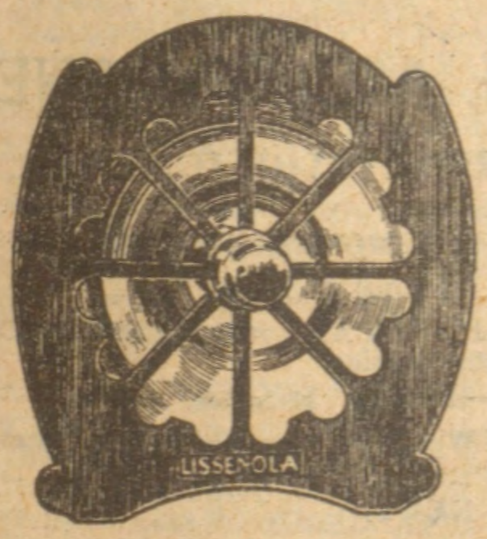

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QUEENSWAY, PONDERS END, MIDDX.

10.40 p.m.—From the Ambassadors: The Ambassadors' Dance Orchestra conducted by Manuel Hyman.
10.57 p.m.—From the Studio: To-morrow's programmes and late news.
11 p.m.—"Big Ben." The Ambassadors' Dance Orchestra.
11.45 p.m.—National Anthem. Close down.

2BL, SYDNEY

THURSDAY, 14th JUNE, 1928.

EARLY MORNING SESSION.
8 a.m. to 9 a.m.

MORNING SESSION.

10.30 a.m.—G.P.O. Clock and Chimes. Musical programme from Studio.
11 a.m.—G.P.O. Clock and Chimes: Talk on "Denison Craft," by Miss Hoyles.
12 noon.—G.P.O. Clock and Chimes. Special Ocean Forecast and Weather report.
12.3 p.m.—Musical programme from Studio.
12.12 p.m.—Information, Mails, Shipping, and Port Directory.
12.15 p.m.—Boats in call by Wireless.
12.17 p.m.—Fruit Market report.
12.19 p.m.—Vegetable Market report.
12.21 p.m.—London Metal Market report.
12.33 p.m.—Dairy Farm and Produce Market report.
12.26 p.m.—Fish Market report.
12.28 p.m.—Rabbit Market report.
12.30 p.m.—G.P.O. Clock and Chimes. H.M.V. Gramophone Recital.
1.30 p.m.—G.P.O. Clock and Chimes. Talk to Children and Special Entertainment for Children in Hospital.
2 p.m.—G.P.O. Clock and Chimes. Close down.

AFTERNOON SESSION.

Racing Information broadcast immediately after each race by courtesy of the "Sun."
3.0 p.m.—G.P.O. Clock and Chimes; News from the "Sun."
3.10 p.m.—Musical Programme from the Studio.
3.20 p.m.—News from the "Sun."
3.30 p.m.—Musical Programme from the Studio.
3.40 p.m.—Dungowan Dance Band, broadcast from Dungowan Cabaret.
4.0 p.m.—G.P.O. Clock and Chimes. Talk on "Wanderings midst coral isles and tropic seas," by Mr. Basil Kirke.
4.20 p.m.—News Session.
4.30 p.m.—Dungowan Dance Band.
4.50 p.m.—News from "Sun."
4.57 p.m.—Features of Evening's Programme.
4.59 p.m.—Racing Resume.
5.0 p.m.—G.P.O. Clock and Chimes; Close Down.

EARLY EVENING SESSION.

5.45 p.m.—G.P.O. Clock and Chimes; Children's Session.
6.30 p.m.—Dinner Music.

SPECIAL COUNTRY SESSION.

7.0 p.m.—G.P.O. Clock and Chimes; Racing Resume; 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 Report; Grain and Fodder Report ("Sun"); Dairy Produce Report ("Sun"); Weekly Traffic Bulletin.
7.15 p.m.—Country News from the "Sun."
7.45 p.m.—Helpful Hints to Listeners by Mr. Alan Burrows.
8.0 p.m.—G.P.O. Clock and Chimes; Broadcasters' Topical Chorus.
8.3 p.m.—Mr. Clement Q. Williams (Baritone).
8.10 p.m.—The Wurlitzer Organ, broadcast from the Arcadia Theatre, Chatswood Organist, Mr. N. Robins.
8.22 p.m.—Mr. Harry Thomas (Elocutionist).
8.29 p.m.—Miss Hilda Boyle-England (Soprano).
8.44 p.m.—The British Music Society String Quartette.
8.51 p.m.—Mr. Norman Wright (Tenor).
8.58 p.m.—Weather Report and Forecast by courtesy of Mr. C. J. Mares, Government Meteorologist.
9.0 p.m.—G.P.O. Clock and Chimes.
9.1 p.m.—Miss Nellie Ravens (Contralto).
9.8 p.m.—Mr. Haagen Holenbergh (Pianist).
9.18 p.m.—Mr. Clement Q. Williams.
9.25 p.m.—The British Music Society String Quartette.
9.32 p.m.—Mr. Norman Wright.
9.39 p.m.—Mr. Harry Thomas.
9.46 p.m.—Miss Nellie Ravens.
9.53 p.m.—Mr. Haagen Holenbergh.
10.3 p.m.—Resume of Following Day's Programme.
10.7 p.m.—The British Music Society's String Quartette.
10.13 p.m.—The Wurlitzer Organ, broadcast from the Arcadia Theatre, Chatswood.
10.25 p.m.—The Wentworth Cafe Orchestra, under the direction of Mr. Jimmy Elkins. During Intervals between dances "Sun" News will be broadcast.
11.30 p.m.—G.P.O. Clock and Chimes; National Anthem.

2GB, SYDNEY

THURSDAY, 14th JUNE, 1928.

MORNING SESSION.

10 a.m.—Music.
10.10 a.m.—Happiness Talk.
10.20 a.m.—Music.
10.30 a.m.—Women's Session.
11.15 a.m.—Close down.

AFTERNOON SESSION.

2 p.m.—Music.
2.20 p.m.—Talk.
2.35 p.m.—Music.
3 p.m.—Close down.

EVENING SESSION.

5.30 p.m.— Children's Session.
7 p.m.—New Zealand Loan and Mercantile Agency Ltd. Stock and Market reports.
7.15 p.m.—Music.
8 p.m.—Opening Chorus.
8.2 p.m.—Violin Solos by Mr. Dan Scully.
8.8 p.m.—Songs by Mr. Leslie Herford.
8.15 p.m.—Address.
8.30 p.m.—Frank Lua, Steel Guitar specialist.
8.38 p.m.—Songs by Miss Dorothy Toppin.
8.45 p.m.—Humorous Items by Mr. Reg. Harrison, comedian.
8.52 p.m.—Pianoforte solos by Miss Amy Cobb.
9 p.m.—Talk.
9.20 p.m.—Songs by Mr. Leslie Herford.
9.27 Violin solos by Mr. Dan Scully.
9.35 p.m.—Humorous Items by Mr. Reg. Harrison, comedian.
9.42 p.m.—Frank Lua, Steel Guitar specialist.
9.50 p.m.—Songs by Miss Dorothy Toppin.
10 p.m.—Close down.

3LO, MELBOURNE

THURSDAY, 14th JUNE, 1928.

EARLY MORNING SESSION.

7.15 a.m.—Morning Melodies.
7.20 a.m.—PHYSICAL CULTURE EXERCISES (to music).
7.27 a.m.—Morning Melodies.
7.32 a.m.—Weather Forecast for all States; Mails.
7.40 a.m.—NEWS.
8.0 a.m.—Melbourne Observatory Time Signal.
8.1 a.m.—Express Train Information.
8.2 a.m.—NEWS: Sporting Information; Shipping; Stock Exchange Fluctuations.
8.13 a.m.—Morning Melodies.
8.15 a.m.—Close Down.

MORNING SESSION.

11.0 a.m.—3LO'S CULINARY COUNSELS or How to Create Creature Comforts with a Minimum of Cash.
RECIPE.
11.5 a.m.—MRS. HENRIETTA C. WALKER: "The Art of Being a Settler." "Country Crafts."
11.20 a.m.—Musical Interlude.
11.25 a.m.—MATRON MORELAND: "Mothercraft."
11.40 a.m.—Musical Interlude.
11.45 a.m.—MISS OLGA PARKER: Stories to Tell the Children.

MIDDAY SESSION.

12.0 noon.—Melbourne Observatory Time Signal.
12.1 p.m.—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 Community Singers and Concert Goers Association—COMMUNITY SINGING, transmitted from the Assembly Hall, Melbourne.
1.45 p.m.—Meteorological Information; Weather Forecast for Victoria, Tasmania, South Australia and New South Wales; Ocean forecasts; River Reports.
1.55 p.m.—Close Down.

AFTERNOON SESSION.

2.15 p.m.—THE STATION ORCHESTRA: "Largo from The New World Symphony" (Dvorak). "March Militare" (Schubert).
2.30 p.m.—SENIA CHOSTIAKOFF, Tenor: "Evening Bells" (Jaroff). With Organ accompaniment by Agnes Fortune.
2.37 p.m.—THE STATION ORCHESTRA: "I would that my Love," Duet for two Trumpets—Played by Percy Code and Ken Hallam. "Spring Song" (Mendelssohn).
2.42 p.m.—AGNES FORTUNE, Piano: Selected.
2.49 p.m.—MADAME LAMBERT, Soprano: "Adieu Mimi" (Puccini). "Mimi's Song" (Pucciui).
2.56 p.m.—THE STATION ORCHESTRA: "Minuet from the E Flat Symphony" (Mozart).
3.0 p.m.—DR. LOFTUS HILLS: "Topics of the Week."
3.15 p.m.—FRITZ HART will speak to Students of Music.
3.30 p.m.—REV. WILLIAM BOTTOMLEY: "Charles Dickens."
3.45 p.m.—THE GYPSY PLAYERS: "Seaside Echoes" (Gruenwald).
3.55 p.m.—MADAME LAMBERT, Soprano: "Serenade inutile" (Brahms). "Mauvais accueil" (Brahms).
4.2 p.m.—THE GYPSY PLAYERS: "Trio" (Berens).
4.12 p.m.—SENIA CHOSTIAKOFF, Tenor: "Autumn Astors" (Harito). "La Donna e Mobile" (Verdi).
4.19 p.m.—THE GYPSY PLAYERS: "Valse Idylle" (Razigade-Schmid). "Felice—Canzonetta" (Langey).
4.30 p.m.—"Herald" News Session; Stock Exchange Information.
4.43 p.m.—Evensong, transmitted from St. Paul's Cathedral, Melbourne.
5.30 p.m.—Acceptances and barrier positions for V.A.T.C. meeting at Caulfield.
5.35 p.m.—Close Down.

EVENING SESSION.

6.0 p.m.—Answers to letters and Birthday Greetings by "MARY GUMLEAF."
6.20 p.m.—"BOBBY BLUEGUM."
6.40 p.m.—"MARY GUMLEAF": Poems for the Little Ones: "The Four Friends." "Lines and Squares." "Nursery Chairs." A story for boys and girls: Knock Three Times—The Adventure Begins.
7.0 p.m.—Official Report of Newmarket Stock Sales by the Associated Stock and Station Agents, Bourke Street, Melbourne.

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1 "Radiokes" Standard 3 circuit Tuner on 180 coupler ..	0	10	6
1 Bakelite Tube, 3½ in. long, 2 in. diam. ..	0	1	6
1 Reel d.c.c. wire, 24 gauge	0	4	0
2 .0005 "Emmco" Condensers	1	1	0
2 "Emmco" Vernier de luxe Dials ..	0	15	0
1 250-300 Turn H.C. Coil	0	2	6
1 2 meg Grid Leak ..	0	1	9
1 .00025 Grid Condenser	0	1	6
1 100,000 Resistance	0	1	6
4 Valve Sockets	0	13	0
2 .006	0	2	6
1 .0005	0	2	6
1 .001	0	2	6
2 .00005	0	13	0
2 Transformers, 1-3½, 1-5	1	7	6
1 30 Ohm Rheo ..	0	3	9
4 Amherites	0	12	0
1 Filament Switch ..	0	3	6
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1 S.C. Jack	0	1	6
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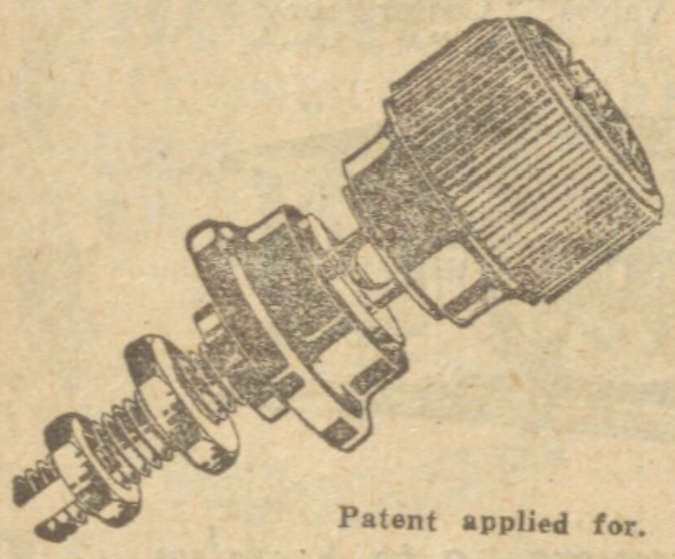

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BELLING-LEE TERMINALS

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

7.12 p.m.—Stock Exchange Information.

7.17 p.m.—Fish Market Reports by J. R. Borrett, Ltd.—Rabbit Prices.

7.19 p.m.—River Reports.

7.21 p.m.—Market Reports by the Victorian Producers' Co-operative Co., Ltd., Poultry, Grain, Hay, Straw, Jute, Dairy Produce, Potatoes, Onions; Market Reports of Fruit by the Victorian Fruiterers' Association—retail prices; Wholesale Prices of Fruit by the Wholesale Fruit Merchants' Association, Citrus Fruits: Ballarat Pig Market Reports by the Ballarat Stock and Station Agents.

NIGHT SESSION.

7.30 p.m.—H. A. BROWN will speak on: "Gardening."

7.45 p.m.—GUS BLUETT, now appearing in "The Girl Friend," at the Theatre Royal, will speak to you from his dressing room (by permission of J. C. Williamson, Ltd.).

8.0 p.m.—This is the anniversary of the Queen's Jubilee Celebrations in 1887 and 1897.

8.1 p.m.—ROD McGREGOR will speak on: "Football."

8.15 p.m.—On June 14, 1811, was born one of America's most remarkable women—HARRIET BEECHER STOWE—world famous as the author of "Uncle Tom's Cabin," which did so much for the Cause of Anti-Slavery.

BIRTHDAY GREETINGS and programme announcements.

8.16 p.m.—THE VAGABONDS:
"Look in the Mirror" (Stept).
"Changes" (Donaldson).
"Miss Annabelle Lee" (Pollack).

8.25 p.m.—RUPERT HAZELL and his One Stringed Fiddle.

8.28 p.m.—THE VAGABONDS:
"On a Dew, Dew, Dewy Day" (Johnson).
"Mademoiselle Mimi" (Young).
"The Mannikin Ball" (Dixon).

8.37 p.m.—GUY MOORE, Tenor:
"The Garden of Your Heart" (Dorel).

8.40 p.m.—THE VAGABONDS:
"Waiting for Katy."
"Just Like the End of a Story."
"Persian Rug."

8.49 p.m.—ELSIE DAY, Soprano:
A Request Item.

8.52 p.m.—THE VAGABONDS:
"One Summer Night."
"I've Lost All My Love for You" (Young).
"Funny Tune" (Olsen).

9.1 p.m.—J. D. FRASER, Baritone:
"Some Time When Night is Nigh."

9.4 p.m.—THE VAGABONDS:
"Hungaria."
"What Will You Do?"
"Barbara" (Silver).

9.13 p.m.—RUPERT HAZELL:
"Jocularity."

9.16 p.m.—THE VAGABONDS:
"Dancing Tambourine" (Polla).
"All on My Ownsome."
"Lilting Lusia."

9.25 p.m.—GUY MOORE, Tenor:
"I Heard You Singing" (Coates).

9.28 p.m.—THE VAGABONDS:
"Are You Happy?" (Agar).
"Following You Around" (Kahn).
"The Girl Friend."

9.37 p.m.—ELSIE DAY, Soprano, will entertain you.

9.40 p.m.—THE VAGABONDS:
"The Blue Room."
"Diane" (Rapee).
"Around the World."

9.49 p.m.—J. D. FRASER, Baritone:
"Go, Lovely Rose" (Quilter).

9.52 p.m.—THE VAGABONDS:
"Cheerie, Beerie Bee."
"Rose of the Volga" (Kahn).
"From Now On" (Lewis).

10.0 p.m.—"Argus" News Service; Meteorological Information; British Official Wireless News from Rugby.

10.15 p.m.—THE VAGABONDS:
"Broken Hearted" (Lewis).
"Guatemala Melody."
"Rag Doll"—Piano Solo (Browne).

10.24 p.m.—RUPERT HAZELL AND ELSIE DAY.
"Harmonylarity."

10.27 p.m.—THE VAGABONDS:
"My Ohio Home" (Kahn).
"The Spell of the Moon" (Kahn).
"A Shady Tree."

10.36 p.m.—GUY MOORE, Tenor:
"Mary of Allendale" (Hook).

10.39 p.m.—THE VAGABONDS:
"Chopinata" (Doncet).
"There Must be a Silver Lining."
"Spanish Moon."

10.48 p.m.—J. D. FRASER, Baritone:
"She is far from the Land" (Lambert).

10.51 p.m.—THE VAGABONDS:
"Baby Your Mother."
"Yale Blues."
"Just a Little Cuter" (Alexander).

11.1 p.m.—THE VAGABONDS:
"Kiss Me, Curse You."
"Deep River Blues."
"Half a Moon" (Hanley).
"The Sunrise" (Santly).
"The Wedding Waltz" (Gilbert).
"Who—You, That's Who" (Yellen).
"Selected."

11.40 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

THURSDAY, 14th JUNE, 1928

MORNING NEWS SESSION

11 a.m. to 12 noon.

11 a.m.—G.P.O. Clock says "Eleven."

MIDDAY CONCERT SESSION.

12 noon to 1 p.m.

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

MATINEE SESSION.

ORCHESTRAL CONCERT.

2 p.m.—Ayarz Dansonians.

2.30 p.m.—Melbourne Concert Orchestra. Selection "Stop Flirting" (Gershwin).
"A Hillside Melody" (M. Phillips).

2.46 p.m.—Jessie Smith, contralto:
"Do Not Go My Love" (Hageman).
"Obstination" (Massenet).

2.53 p.m.—Melbourne Concert Orchestra: Selection "Margarethe," from Faust (Ar. Stasny).

3.10 p.m.—Jessie Smith, contralto:
"Sapphic Ode" (Brahms).
"Now Sleeps the Crimson Petal" (Roger Quilter).

3.17 p.m.—Ayarz Dansonians.

3.20 p.m.—Announcements.

3.35 p.m.—A Cookery Talk by Miss G. Hughes, of the Colonial Gas Association.

3.45 p.m.—Melbourne Concert Orchestra: Selection, "Lilac Time" (Ar. Clutsam).
"Valse Poudree" (Popy).

4 p.m.—G.P.O. Clock says "Four."

4.1 p.m.—Second weather forecast.

4.3 p.m.—Howard Andrews, baritone.
"Ah! How Pleasant 'tis to Love" (Purcell).
"An Emblem" (Jack Thomson).

4.11 p.m.—Melbourne Concert Orchestra:
"Ballet Suite" (Gretry-Mottl).
"Canzonetta" (Godard).
"Selection J. L. Molloy's Songs" (Ar. Baynes).

4.33 p.m.—Howard Andrews, baritone:
"Marie" (Franz).
"A May Morning" (Denza).

4.40 p.m.—Ayarz Dansonians:

4.55 p.m.—Special Racing Report. Acceptances and barrier positions for Saturday's Races, by G.F.R.

5 p.m.—G.P.O. Clock says "Five."
God Save the King.

CHILDREN'S SESSION.

6.303 p.m.—"Brer Rabbits," entertainment Birthday Greetings and an hour of music, song, and story.

EVENING SESSION.

CONCERT FROM THE PRESTON TOWN HALL.

FROM THE STUDIO.

7.15 p.m.—Stamp Session. Mr. A. G. Kelson, Vice-President of the 3AR Stamp Club.

7.25 p.m.—Early Victorian History. Mr. F. A. Currie's interesting talk this week will deal with "Early Dutch Voyages to the Australian Coast."

7.35 p.m.—Sport Session. "Harlequin" presents his budget of up-to-date news and comments on sport of the Day.

7.50 p.m.—MacNamara's Stock Reports. McPhail Anderson's Pig Market.

FROM PRESTON TOWN HALL.

8.1 p.m.—Preston Citizens Band:
March, "The Call of the Road" (Evans).

8.10 p.m.—Lilian Booth, song:
"The Nightingale and the Rose" (Thompson).
"My Mother Bids Me Bind My Hair" (Haydn).

8.17 p.m.—Viivian McGraw Song:
"Adieu Marie."
"When Song is Sweet" (Sans Souci).

8.24 p.m.—Preston Citizens Band:
Fantasia, "Uranus" (Rayner).

8.34 p.m.—Gertrude David, Recitals:
"My Son" (Anon).
"I'm Waiting for Something to Happen"

8.44 p.m.—Aileen Sheeran, Songs:
"I Heard You Go By" (Wood).
"When You Come Home" (Squire).

8.51 p.m.—J. Cheesley, violin:
"Un soir a Portici" from Tarantella (Guido Rapine).
"Broken Melody" (August Van Bien).

9.1 p.m.—Daphne Cheesley, A.L.C.M., Piano:
"Rhapsode Mignonne" (Carl Koelling).

9.6 p.m.—Preston Citizen's Band:
March, "The Postman's Parade" (Buleh).

9.11 p.m.—"Harlequin." Sport results.

9.21 p.m.—Preston Citizen's Band:
Description Selection, "A Trip to Blackpool" (Bidgood).
(Depicting a picnic on the sands, Darkies Dancing, etc.).

9.31 p.m.—Aileen Sheeran, Song:
"I Dream of a Garden of Sunshine" (Lohr).
"I Passed by Your Window" (May Brahe).

9.38 p.m.—Vivian McGraw, Song:
"Little Mother O' Mine."
"Lassie O' Mine."

9.45 p.m.—Preston Citizen's Band:
Waltz, "Ricordanza" (Clark).

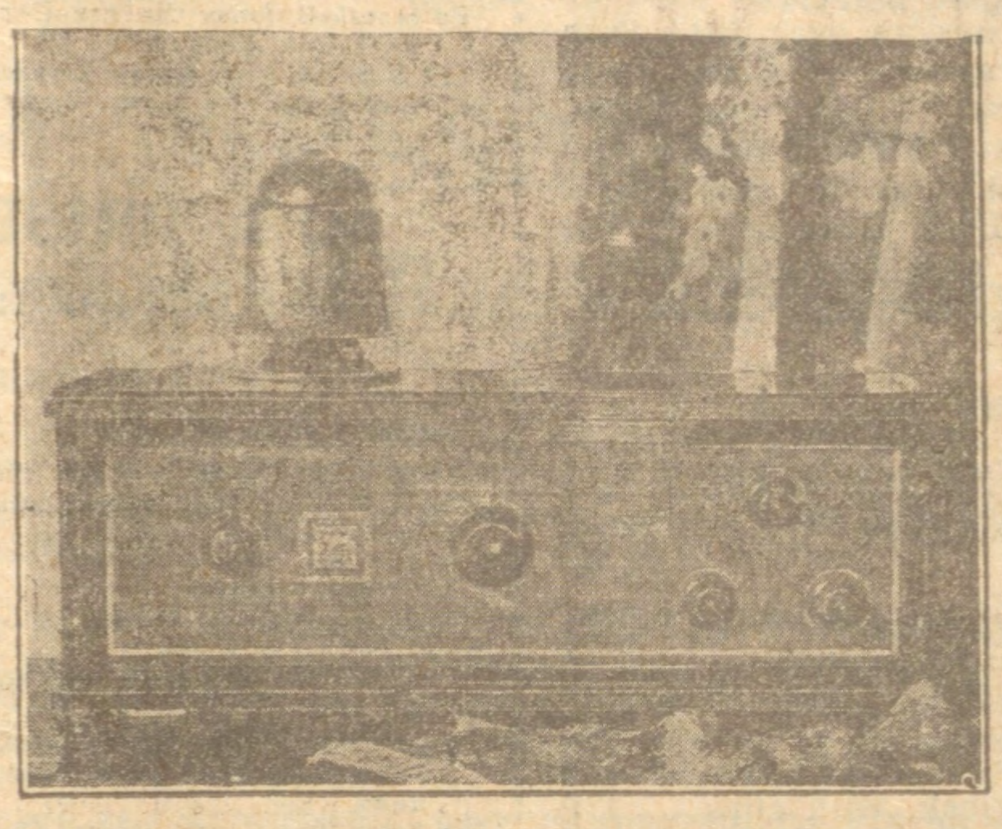
9.55 p.m.—Lilian Booth, Song:
"Persian Songs of Spring" (Mona McBurney).
"Silver Threads Among the Gold" (Dank).

10.2 p.m.—Preston Citizen's Band:
Hymn, "Rock of Ages" (Ar. Hellings). By request.

10.7 p.m.—J. MacGibbon, Cornet (Accompanied by Preston Citizen's Band):
"Drink to Me Only With Thine Eyes" (Ar. Hawkins).

10.12 p.m.—Gertrude David, Recitals:
"Isn't it Like a Man" (Anon).
"If Ye Like."

At the New Store



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10 Moulded top Terminals, 2/6
1 Jewell Volt-Meter, 135B, £2/9/6
1 Single Circuit Jack 1/7
3 Osram D.E.H. 610 Valves, £2/0/6
1 Osram D.E.L. 610 Valve, 13/6
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Colville Moore Wireless Supplies Limited
10 Rowe St., Sydney
(Next Hotel Australia)

10.20 p.m.—J. Cheesley, violin:
"Serenade" (Schubert).
"Traumerei" (Schumann).
10.28 p.m.—Preston Citizen's Band:
"March, "Battle of Eureka" (Bulch).
10.40 p.m.—Announcements.
10.50 p.m.—"Age" News Bulletin, exclusive to 3AR.
10.58 p.m.—Final weather forecast.
10.59 p.m.—Our Australian Good Night Quote is taken from the poem, "A Night Piece," by Frank Morton.
11 p.m.—G.P.O. Clock says "Eleven."
God Save the King.

4QG, BRISBANE

THURSDAY, 14th JUNE, 1928.

MORNING SESSION.

An Hour For The Ladies.

10.30 a.m.—To-day's social news.
10.45 a.m.—A gardening talk by "Tecoma."
11 a.m.—Music.
11.10 a.m.—General news.
11.20 a.m.—Music.
11.30 a.m.—Close down.

MIDDAY SESSION.

1 p.m.—Market reports; weather information; "The Daily Mail" and "The Daily Standard" news.
From The Constitutional Club:
1.20 p.m.—A lunch hour address.
1.58 p.m.—From the Observatory: Standard time signal.
2 p.m.—Close down.

AFTERNOON SESSION.

3.30 p.m.—Mail train running times.
3.31 p.m.—A programme of music from the Studio.
4.15 p.m.—"The Telegraph" news.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

6 p.m.—Mail train running times.
6.2 p.m.—"Daily Standard" news.
6.8 p.m.—Stock Exchange information.
6.9 p.m.—Metal quations.
6.10 p.m.—A talk to motorists:
"Breaking in a New Tractor"—by "Gargoyle."
6.28 p.m.—Announcements.
6.30 p.m.—Bedtime stories by "The Sandman."
7 p.m.—Special news service.
7.3 p.m.—Market reports.
7.25 p.m.—Fenwick's stock report.
7.30 p.m.—Weather information.
7.40 p.m.—Announcements.
7.43 p.m.—Standard time signals.
7.45 p.m.—Lecturette: "Rural Life in Other Lands," No. 2—Mr. J. F. F. Reid (Editor, "Queensland Agricultural Journal.")

NIGHT SESSION.

WINDSOR EISTEDDFOD CONCERT.
To-night's programme will comprise a concert provided by the prize-winners at the recent Windsor Eisteddfod, and will also include community singing.
8 .pm.—From the Studio.
Concert by the prize-winners at the Windsor Eisteddfod.
Between vocal items, the following numbers by the Clarwin Orchestra (conductor, Mr. S. Henry) will be broadcast:
Overture:
"Three Days" (Lotter).
Intermezzo:
"In a Persian Market" (Kettelby).
Selection:
"Echoes from the Opera" (Arr. Mackie-Beyer).
Group of selected popular numbers.
Characteristic dance: "Marcelline."
"Trinkaus."
March: "From Tropic to Tropic" (Alexander).
10 p.m.—"The Daily Mail" news.
Weather news.
Close down.

5CL, ADELAIDE.

THURSDAY, 14th JUNE, 1928.

EARLY MORNING SESSION.

7.45 a.m. to 9 a.m.

MORNING SESSION.

10.30 a.m.—G.P.O. Chimes.
10.31 a.m.—Studio Music.
10.55 a.m.—Hairdressing talk by "Bobette."
11 a.m.—G.P.O. Chimes.
11.1 a.m.—Kitchen Craft and Menu talks: "What to prepare for to-day's dinner." Household Hints.
11.20 a.m.—Studio Music.
11.30 a.m.—Close down.

MIDDAY SESSION.

1 p.m.—G.P.O. Chimes.
1.1 p.m.—"The Advertiser" news service and International news.
1.20 p.m.—Relay from Victoria Hall, the weekly lunch-hour address for business men, with vocal numbers.
1.55 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence, and meteorological information.
2 p.m.—Close down.

AFTERNOON SESSION.

3 p.m.—G.P.O. Chimes.
3.1 p.m.—Studio Music.
3.15 p.m.—Glenelg Maison Dance Band.
3.30 p.m.—Cheer-up Talk by Rev. C. H. Nield.
3.45 p.m.—Studio Music, interspersed with vocal numbers.
4.15 p.m.—The Glenelg Maison Dance Band.
4.56 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
5 p.m.—Close down.

EVENING SESSION.

6 p.m.—G.P.O. Chimes.
6.1 p.m.—Children's entertainment: Birthday greetings and correspondence.
6.10 p.m.—Stories for the children.
6.20 p.m.—Music and songs for the children.
6.30 p.m.—Dinner Music.
7 p.m.—G.P.O. Chimes.
7.1 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence
7.8 p.m.—General Market reports: Dairy Produce, Poultry, Fish, Fruit, Wheat, Hides and Skins, Stock, etc.
7.15 p.m.—Talk by Rev. E. S. Kiek, M.A., B.D.: "Pioneers of Great Britain—James Wolfe."
7.30 p.m.—"Better Homes" talk supplied by Slaters (Furnishers), Ltd.
7.40 p.m.—A. M. Whittenbury will talk on "Poultry."
8 p.m.—G.P.O. Chimes.
8.1 p.m.—Novelty Broadcast.
8.20 p.m.—Studio Orchestra: Overture, "The Midnight Dream." (Schlepegrell).
8.30 p.m.—Ray Miller, contralto: "Roumanian Mountains." "The Way Home."
8.38 p.m.—Selected Comedy by Don Fraser.
8.44 p.m.—Studio Orchestra: Selection, "Iolanthe" (Sullivan).
8.54 p.m.—Ray Miller, contralto: "Just." "Good Morning, Brother Sunshine."
9.1 p..m—Meteorological information.
9.2 p.m.—International News.
9.7 p.m.—Dalgety's Wheat report.
9.8 p.m.—Phyllis Ashley, soprano: "Rose Buds" (Arditi). "When Love is kind."
9.14 p.m.—Don Fraser, comedian.
9.20 p.m.—C. Moran, baritone: "Skipper of the Mary Jane." "Roadways."
9.28 p.m.—Studio Orchestra: "Allegro Moderato" from "Unfinished Symphony" (Schubert).

9.38 p.m.—Phyllis Ashley, soprano:
"Mighty lak a rose" (Nevin).
"Una Voce Poco fa" (Rossini).
9.44 p.m.—Studio Orchestra:
Orientale, "Kazib Subhi" (Lotter).
10.1 p.m.—"The Advertiser" news service.
10.8 p.m.—"Windbag's" Sporting service.
10.15 p.m.—Studio Orchestra:
Selection, "The New Sullivan Selection."
10.25 p.m.—C. Moran, baritone:
"Captain Mac" (Sanderson).
"Here in the quiet Hills."
10.30 p.m.—The Glenelg Maison Dance Band.
10.55 p.m.—Meteorological information and tomorrow's programme.
11 p.m.—G.P.O. Chimes and National Anthem.

7ZL, HOBART

THURSDAY, 14th JUNE, 1928.

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

MATINEE SESSION.

3 p.m.—G.P.O. Clock Chimes the Hour.
3.1 p.m.—Musical selection.
3.5 p.m.—Hobart Stock Exchange Quotations.
Weather information.
Items of interest: Announcements.
3.15 p.m.—Selections by 7ZL Studio Trio.
3.25 p.m.—Mr. Jack Coleman, tenor:
"Just an Ivy-covered Shack."
3.29 p.m.—7ZL Trio.
3.39 p.m.—Miss V. de Leath, soprano:
"Who are You Fooling To-night?"
3.43 p.m.—7ZL Studio Trio.
3.48 p.m.—William Tell Overture in Four Movements":
Its Dawn.
The Storm.
The Calm.
Finale.
4.3 p.m.—7ZL Studio Trio.
4.15 p.m.—Chat by Child Welfare Nurse.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

6.30 p.m.—Children's Corner: Uncle David's half-hour.
7 p.m.—Uncle Hector talks to the children.

NIGHT SESSION.

7.30 p.m.—Musical selection.
7.35 p.m.—News Bulletin issued by the Department of Markets and Migration.
7.50 p.m.—"Mercury" special Tasmanian news service.
Railway auction produce sales.
Weather forecasts.
Hobart Stock Exchange quotations.
8 p.m.—G.P.O. Clock Chimes the Hour.
The Art of Remembering:
Arrangements have been made for the broadcasting from 7ZL of a series of novel items by Mr. Maurice Breton, the well-known memory exponent and entertainer from the Mainland. The demonstrations will be in the nature of humorous and bewildering illustrations of the power of memory. Questions on a wide range of subjects will be answered from memory; and verification will be given by persons attending the studio during the performance. The first demonstration will be given this evening (Thursday), June 14th, 1928.
Selections by Hobart Municipal Band. Conductor, Mr. L. M. Barnett.
9.50 p.m.—"Mercury" special Interstate news service.
Ships within wireless range.
Tasmanian District Weather reports.
9 p.m. Weather forecasts.
Weather reports from Australian Capital Cities.
10 p.m.—G.P.O. Clock Chimes the Hour.
10.1 p.m.—Our Tasmanian Good-night thought: Make one person happy each day and in 40 years you have made 14,600 human beings happy for a little time at least.
10.2 p.m.—The King.

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63 VOLT
18/-

Readers' Queries Answered

A.S. (ROSE BAY).—The valves, numbered V1, 2, 3, 4, and 5, in the Gloomchaser Five, are respectively one and two, first and second radio; three, detector; and four and five, first and second audio.

B. BATTERY (BRISBANE).—There is no reason why your 45-volt Columbia battery and the 45-volt diamond battery should not be used in series, provided that both batteries are in order. It seems that the reason that you are unable to obtain oscillation with a 45-volt supply to the detector of your P1, is that the valve used as a detector must be faulty. Try a different valve.

G.N.M. (BRINGELLY).—If your B406 valve functions well, as the detector valve, in the Extraordinary One-valve Receiver, but if the valve is replaced by the A415 type, howling results, this is due to an incorrect grid potential. The B406 has an impedance of 4,300 ohms, whereas the 415 is 7,500. Try changing the value of your grid leak.

W.H. (NEUTRAL BAY).—You have not mentioned the type of crystal detector you are using with your Elstreflex Two. If this is of a permanent type, little or no trouble should be experienced with adjustments, etc. Many crystal detectors of synthetic construction are liable to lose their sensitivity after a while, particularly if the surface of the crystal is dirty. In this case, break a piece off the crystal, to find a new surface.

A.W.S. (PUNCHBOWL).—In order to obtain the maximum possible voltage from your B eliminator, the variable resistance controlling the voltage regulation should be screwed down fairly hard. This decreases the resistance in the circut, and allows the maximum permissible voltage to be obtained. Possibly the valve you are using as a rectifier is unsuitable for the purpose.

J.C.K. (BALMAIN).—The filter you have constructed for the prevention of power-line hum should be quite satisfactory. This method is often adopted in America for the same purpose. It is advisable to note, when considering American constructional articles dealing with power supply, that the standard A.C. voltage referred to is 110 volts. The continuous spark obtainable from the centre-tapping to earth is quite natural, and merely shows the charge and discharge of the condenser in series.

G.H.G. (MOUNT MORGAN).—One of the most useful handbooks, as an intrroduction to amateur radio, is the Radio Amateurs' Handbook, published by the American Relay Radio League, and obtainable from Swains', Ltd., Pitt Street, City.

E.C. (CROW'S NEST).—You may use Gecophone variable condensers, in place of those specified for the Pentatron Reinartz, if so desired. In this case, no vernier dials will be necessary, as the Gecophone condenser incorporates a slow motion control, which is very smooth and silent in action. The voltage used on the T.K.D. VT.126 is 4 volts, with a plate voltage of 45, for the first, and 90 for the second.

C.J. (BRAIDWOOD).—80 turns of No. 24 D.S.C. copper wire, on a three-inch former, will tune from 200 to 500 metres, in series with a .0005 variable condenser. The potentiometer you require should be obtainable from Messrs. Colville Moore Wireless Supplies, Ltd., 10 Rowe Street, Sydney, or the Economic Radio Stores, Royal Arcade, Sydney.

IMPROVED SINGLE-VALVE RECEIVER (?).—The description, in the article referring to the oscillation control, should be quite clear. This meant to imply that oscillation should take place gradually and smoothly. The receiver description is meant as a stepping-stone for the beginner, and it will be found a simple matter to add a stage or two, or audio amplification. For short-wave work, the range of such a receiver is unlimited.

W.K.M. (MARBANGO).—It is impracticable to use the Gloomchaser Five circuit with separate tuning condensers efficiently. By doing this, you will defeat the object of the Peridyne shields, which are in reality compensators or trimmers for the variable capacities tuning the two R.F. stages. It is much more simple to use a triple gang condenser unit in this circuit, as once the R.F. stages are balanced, no further adjustment beyond oscillation control will be necessary.

E.S. (MASCOT).—The trouble with your B eliminator seems to be broken down filter condensers. This would cause the hum continually. Rectified alternating current is productive of a very bad hum, unless properly filtered. This is the object of the fixed condensers, used in conjunction with the iron core choke.

GOULBURN.—The Emmco super-power A.B.C. eliminator will operate your Elstree Six receiver with ease. If you are using A batteries, the ordinary type B eliminator of the super-power type will be quite suitable. You will be able to obtain voltages up to 300.

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THE POSSIBILITY of providing a satisfactory short wave service during the daytime for the whole of Australia will be tested by 3LO on [illegible] when the station will broadcast special programmes on a wavelength of 32 metres. Listeners throughout Australia and New Zealand are invited to co-operate in these experiments, which are expected to have far-reaching effects upon the future of wireless in Australia. Transmissions will be made at the following times on [illegible] —9.45 to 10.15 a.m.; 12.45 to 1.45 p.m.; 4.45 to 5.45 p.m.

3LO is offering listeners every assistance for their help in the experiments. For the benefit of those who have to instal a short wave set, or alter their ordinary sets, a special booklet to guide them has been prepared. A copy will be forwarded to anyone sending name and address, and enclosing a penny stamp to cover postage. The installations or alterations would not entail much expense or difficulty.

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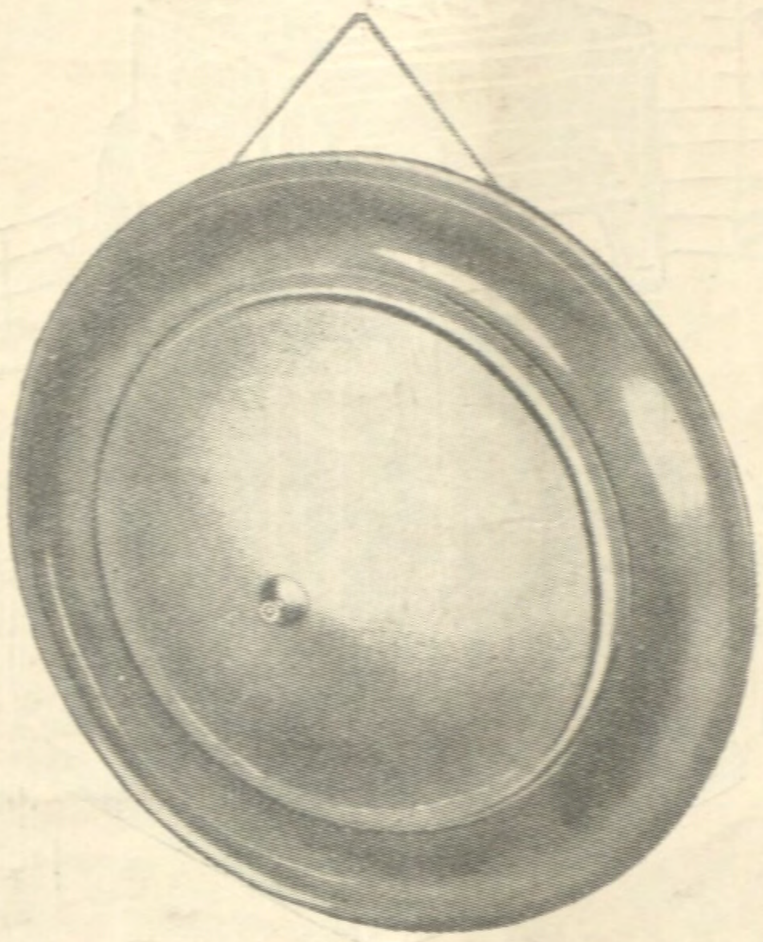

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