WIRELESS WEEKLY

Broadcast Programmes a Week in advance

MITCHELL LIB
18 MAY 1928

VOLUME 12

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NUMBER 4

Friday, May 18, 1928

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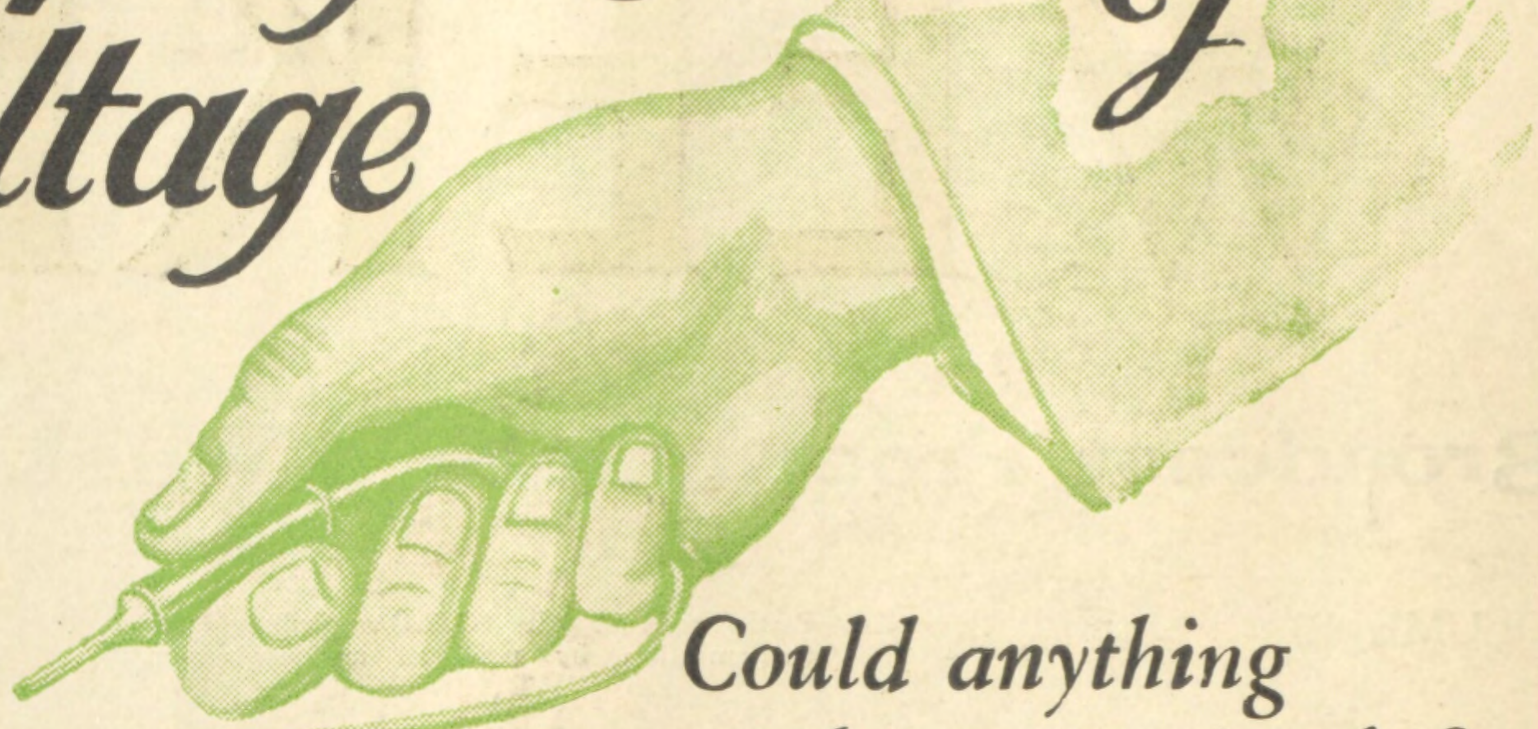

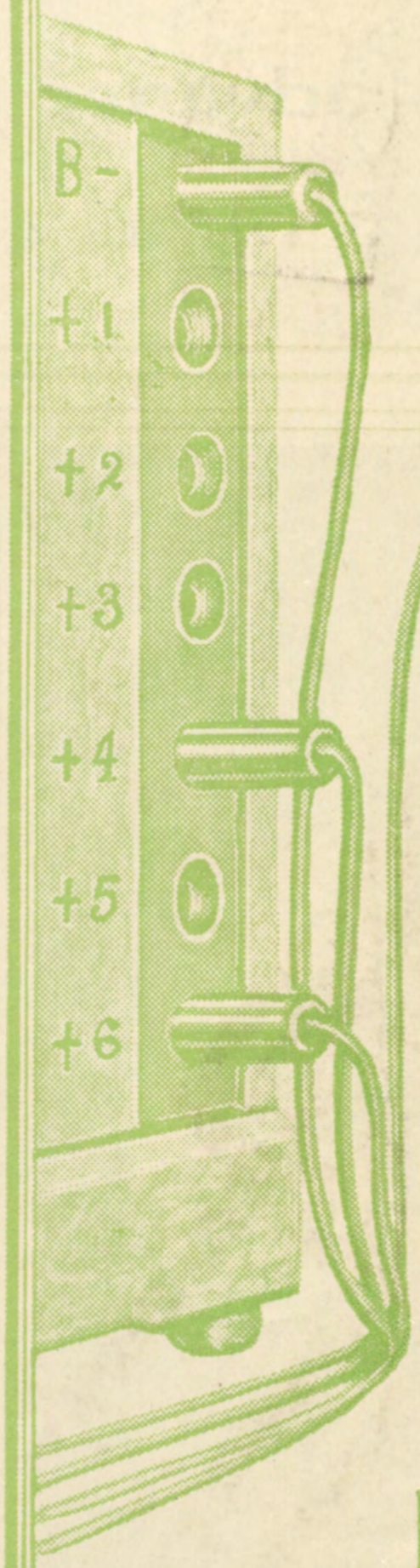

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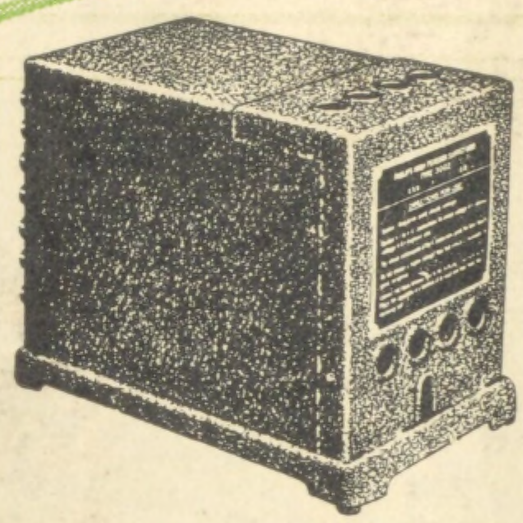

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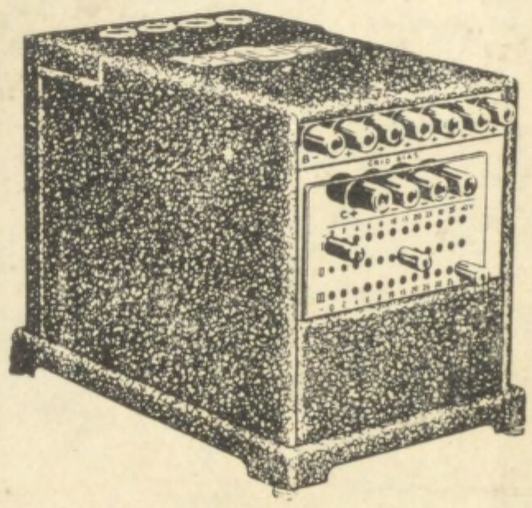

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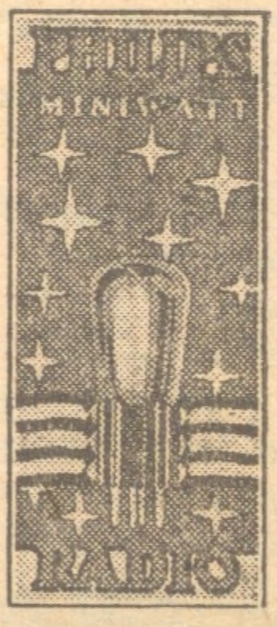

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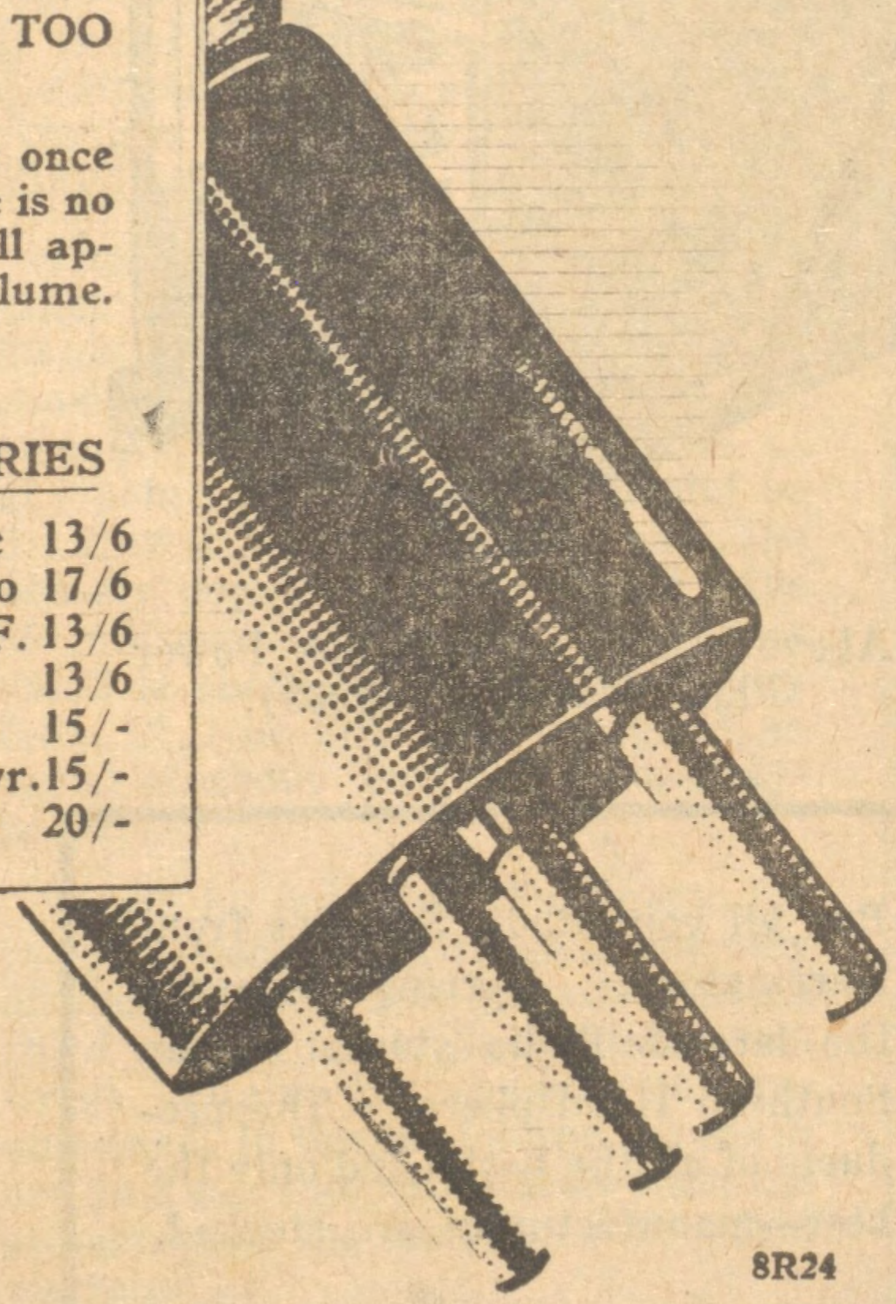

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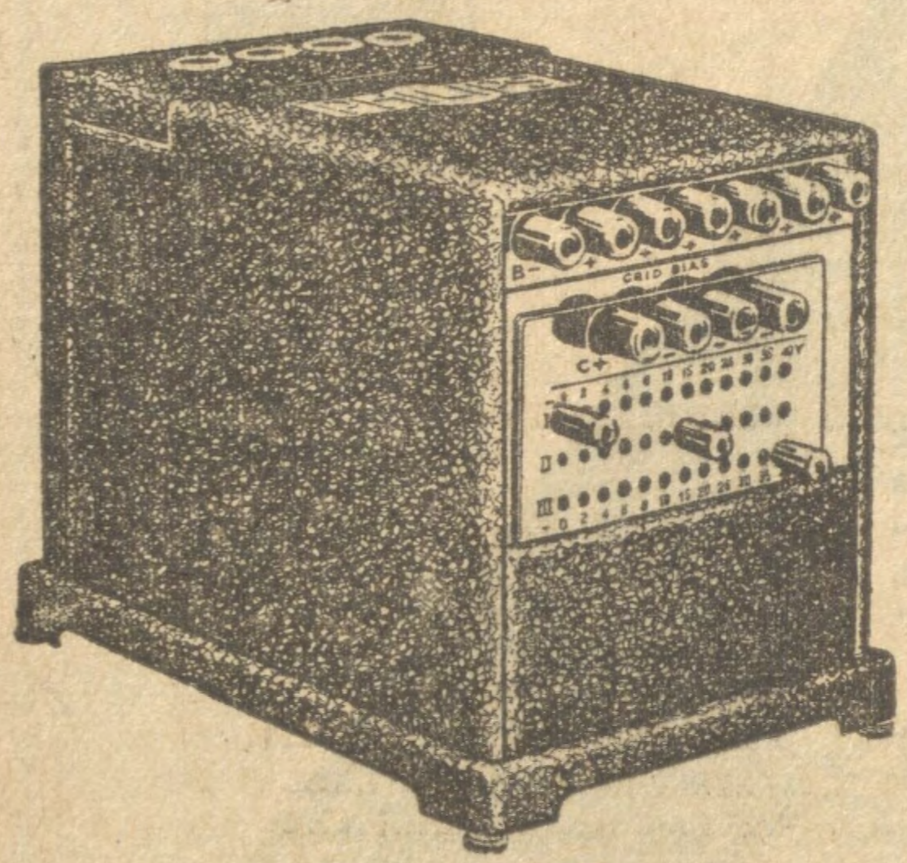

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WIRELESS WEEKLY

VOL. 12. No. 4. FRIDAY, 18th MAY, 1928.

Relay Stations and British Regional Scheme.

THE British Broadcasting Corporation tackled the problem of giving adequate broadcast services to its provincial subscribers some time ago. Those listeners are already pretty well served now, but the corporation has endeavoured to improve the service. For that reason, and partly because the suitable wavelengths for broadcasting in Europe had become limited in their availability to each country, the corporation set about designing a new layout of the station locations and their power. At present there are 22 stations in England, Wales, Scotland and Northern Ireland, and the allotment of "exclusive" wavelengths to Great Britain was only ten, with eleven others that must be shared with stations in other European countries.

The Regional scheme has not been finally adopted, but three schemes have been considered. The first one contemplates the erection of one huge station centrally situated with five transmitters, each of the stupendous power of 300 kilowatts, that would mean five separate services for listeners to choose their programme from.

It was expected that that ambitious scheme had objective in, that it would give a field strength too great for listeners near the station, and at distant parts the field strength would be too small.

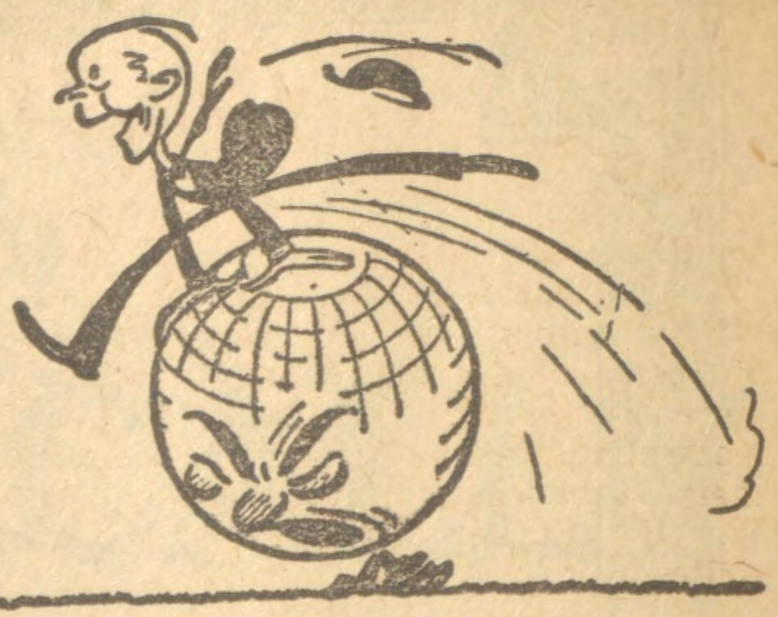
The second scheme provided for two central stations, each with three transmitters of 300 kilowatts each. This scheme minimised the objections to scheme one; but the third scheme appears to be the one likely to be adopted as the final one. It consists of five stations at selected centres serving the region surrounding that centre. Each of those stations would have two transmitters of 30 kilowatts each. That would enable the corporation to use the ten exclusive wavelengths allotted to it without having to share any wavelengths with stations in other European countries. It would also guarantee a more even distribution of the energy or signal strength throughout the United Kingdom.

The corporation based all these schemes on certain minimum requirements of signal strength. It was considered that the lowest signal strength that would be available at any point, the worst point, should be 5 milliwatts per metre, and that the densely populated zones should have 30 milliwatts per metre. The latter value is about equal to the energy from 3LO or 2FC that energises an aerial at about ten miles from Braybrook.

It will be seen that the scheme for relay stations in Australia is not very dissimilar from that proposed in the third scheme for regional stations in Great Britain; but the minimum requirement in terms of signal strength are on a more generous scale than the economies of the situation here would warrant.

Catching Up with the Wireless World.

By R. E. CORDER.



IN EVERY STATE, with the exception of Western Australia, the number of wireless licenses issued in April showed an increase over those issued in March. One month's increase for New South Wales was 1,141 licenses.

A WIRELESS exhibition is to be a feature of the Bandoeng Fair, to be held next June. According to a correspondent, the annual Fair at Bandoeng receives visitors from all over the Netherlands, East Indies, Malaya and other adjacent countries.

POLITICAL INTEREST in America is centreing on the fact that Mr. Secretary Hoover, who is likely to be one of the candidates for the Presidency, is a "radio man" to a greater extent, perhaps, than any other man in the United States. Many brilliant public speakers are timid before the microphone; Mr. Hoover reverses the usual order of things by being an indifferent orator on the platform and a compelling speaker before the microphone.

In the forthcoming campaign it is expected that the utmost use will be made of Hoover's vote-winning powers in this direction. His association with wireless will be no novelty, for it was Mr. Hoover who was primarily responsible, as head of the Department of Commerce, for the formation of the Federal Radio Commission. The Commission's work in securing at least a partial clearance in the chaotic American ether will not be forgotten.

THE SOLDIERS' CLUB, Yass, has been equipped with a radio receiving set as a gift from Mr. George Thompson, ex-president of the club.

SIX HUNDRED AND TWENTY LETTERS have been received from appreciative listeners by 2FC following the opening of their new studios in Her Majesty's Building. A special photograph of the opening by the State Governor, Sir Dudley de Chair, is to be forwarded to each correspondent.

AS A TOKEN OF appreciation a cheque for £100 has been presented to the Petersham Congregational Church by a well known Sydney resident whose wife died recently after a long illness. The invalid derived much pleasure from the broadcast services, and the donor presented the cheque in honour of her memory. The Rev. A. P. Doran, Minister of the Church, says his work has received a great stimulus by this recognition of his efforts to reach the congregation, who cannot attend Church in person.

DOES RADIO AFFECT the sale of timepieces? Many listeners who write to 2BL give that impression, because they say, "We always depend on the G.P.O. Chimes for our correct time—if you didn't broadcast them we should have to buy a clock!"

ONE RECENT SUNDAY evening at 10.15 p.m., 2BL sent greetings to many of their consistent listeners in U.S.A. and Canada. Every U.S. Radio fan who had written recently received a call. Radio is indeed responsible for much of the fraternal feeling that exists between America and Australia—which must be of great national benefit.

THE MAN who sits up until the early hours of the morning tuning-in different stations is not the only type of "radio crank" which exists. Since broadcasting was established quite a number of people suffering from delusions have visited 4QG to discuss the matter. Recently a lady who claimed that wireless messages were (as she put it) being "buzzed into her house" daily by a neighbor who visited 4QG and demanded that the station cease operations. She eluded the messenger and managed to gain admittance to the director to whom she poured out her woes. It took quite a while to persuade her that it was not 4QG that was "buzzing" through her walls. On another occasion a gentleman visited 4QG very early one morning and advised the cleaner that he had received a wireless from London on his crystal set and that the sender had asked him to visit 4QG and sing.

Broadcasting Merger

3LO and 3AR

The Broadcasting Company of Australia Pty. Ltd. (3LO) announce that an arrangement has been made between that Company and the Associated Radio Co. Ltd. (3AR) for the purpose of effecting an amalgamation of activities in providing a co-ordinated broadcasting service in Victoria. This co-ordination will enable a central management to direct the service with many advantages to listeners. Duplication of programmes which was inseparable from the present arrangement of competitive service will be avoided and listeners will be able to obtain alternative programmes at all times.

The full advantages of the co-ordination will not be experienced at once, as some time must necessarily elapse in arranging details.

In the Mail at 2BL.

Some of the letters opened at 2BL recently. They bore the postmarks of half a dozen different countries and reported favourably on the programmes of the local station.

2BL receive letters from all over the world, commenting on their transmissions. A great number of them come from America, where, curiously enough, reception of the Australian stations is perfect, even on their broadcast wave-lengths. Mr. W. S. Parker, Bundoon, U.S.A., writes:—

"On Saturday night last, I received 2BL at 1 a.m. our time and picked up your Saturday evening programme. The Hawaiian selection came through perfectly, after which you crossed over to Stadiums, Ltd. We heard the fight described by Mr. Basil Kirke, and the excitement of the crowd was registered perfectly. 5CL and 3LO are received here fairly well, though 2FC can only be received loud enough to distinguish their call sign. Your station's modulation and volume is the best of the lot."

From America's most magnificent and exclusive club, the Miramont, at Los Angeles, comes a letter from an Australian and his wife who have received 2BL's programmes. "There was a lump in my throat," said the man, "and my wife said, 'I feel as if I could cry' ":—

"Dear Everybody, and particularly friends of Radio Station 2BL Sydney, Australia.—My, but we are happy today, the reason, we heard the voice of our beloved country coming to us over the air from your station. We are proud of you, and also of our Radiola 17 which received your programme at our home at San Pedro. This is a 6 tube set operated direct from the electric light current. In order to get more selectivity and greater distance, we were given the tip of attaching the antenna wire to the detector tube, and this morning's result justified the change. We had tried several times to get Australia, you can imagine our delight, and great joy, at our first attempt to pick up your station so well. At first we got only faint response, you were broadcasting a fight, afterwards Major someone, we could not quite get the name, seemed to be talking on aviation, then a lady entertained with a song, reception weakened somewhat, Mrs. Stephens waited, tuned in with the machine, and soon I heard you again in the other room, and she called come quickly they are coming through good. Soon we heard the voice of your announcer coming through clearly, and your orchestra playing 'Blue Skies.' It seemed so fitting to hear such an item from dear old Aussie, with its blue skies, and thrilled us as nothing else has for a very long time. My wife said, 'I feel I could cry,' and there was a lump in my throat as your welcome voice and beautiful music floated through the ether over the vast expanse of land and ocean, gladdening our hearts, and making us happy in the knowledge that our own dear country is not lagging behind in keeping step with the tremendous progress of civilization, and especially in this most wonderful phase which is going to bring the world into closer touch, making it one great big Radioland. We felt like booking our passage HOME, and if receptivity is as clear when we next try for you, which will surely be on the same morning next week, and we get you very often and hear you calling us, there is no telling what may happen.

"All day at my Royal Palms Club I talked of not much else, and whilst telling of our achievement, some of the boys thought I was kidding them. A member, Mr. Seward, came in saying, "I had a great piece of luck with my Fada (an 8 tube) this morning," and reiterated what I had said. I must not forget to mention, as your orchestra finished with 'Blue Skies,' our timepiece showed 4.50 a.m., Saturday morning, Pacific standard time, which makes 11.50 Australian time, Saturday night in Aussie. Is this correct?

"Now we will be ever so thankful if you can find time to verify this letter and matter herein, we will so appreciate a letter from you. Sometimes we feel so far away from friends; things, manner of living, crime conditions in Los Angeles, and elsewhere, kind of makes you feel somewhat uneasy, does not seem to be so open and free as we have always been accustomed to at home. We have made some lovely friendships here, and folks have been very kind and considerate; nevertheless, we get a homesick feeling sometimes.

"We think our achievement was remarkable, having listened to you through the medium of the loud speaker (Radiola) and not employing any earphones as some have done. Say, and this is whispered to you, you understand, we drank a toast to you all, and to the folk of Radioland in Australia. Ha! ha! you are all wrong. Yes, it was REAL SCOTCH, the dinkum stuff. How did I get it? Well, maybe that will keep. At any rate it should not be of any interest to you, as the small matter of getting anything in that line for you folk, doesn't count. However, if in the future when we have not been able to stifle the urge any longer, and land in Sydney Harbour, and have an invitation to visit you at your studio, we will then have the great pleasure of greeting you. Before that, however, we hope to get you often on the air; we are looking for other States and hope to get them as clearly as yours, but 2BL will always remain our first love. We will welcome any suggestions you may care to submit, and if we can be of any service to you here in Los Angeles, do not fail to let us know. Cheerio, dear friends of Radioland.

"With best wishes.

"Yours sincerely,

"(Sgd.) HARVEY N. STEPHENS."

Rev. Archibald Bastin, the Vicar of Saanickton, British Columbia, writes to 2BL saying:—

"I thoroughly enjoy the description of the boxing contests broadcast from the Sydney Stadium each Saturday night. We have no difficulty in logging your station, which comes in very loudly and consistently well modulated. The other Australian stations are occasionally faintly heard.

"The description of the Sullivan-McDonald boxing contest was heard blow for blow and round for round. Frequently you could hear the noise of the gloves as they were making contact.

"As there are many doubting Thomases even in British Columbia, we would thank you for an authentic reception card."

Then a letter from Alberta, Canada, reads:—

"Dear Sirs,

"I wrote to you some weeks ago with reference to a programme I received from your station, 2BL. I do not want to worry you with letters continually, but I would like to say that I have received your station consistently this winter on full loudspeaker strength.

"I am now thoroughly acquainted with the voice of your regular announcer. It is easily understood and very clear.

"I am writing to you again because of the remarkable reception of the description of a fight from the Sydney Stadium between Sullivan and McDonald. I was not familiar with either of these men, but I followed the fight with the keenest of interest, round by round, and blow by blow. I heard the studio announcer state that you were passing over to the Sydney Stadium for a description of the boxing contest by Basil Kirke, who was most enthusiastic at times, particularly when there was a quick exchange of blows. The shouting of the crowd at the ringside could easily be heard, sometimes low and at other times swelling into a great noise as the fight fluctuated. The gong was distinctly heard at the end of each round and at the beginning of the next. I got quite a thrill out of the whole business. Of course, Sullivan seemed to be clearly the winner. I have heard several other Australian stations, but they have so much distortion that they are hard to follow, and their call signs cannot be distinguished. I have given up trying to tune into other Australian stations.

"The remarks between rounds re the condition of the fighters and what the seconds were after, and also the mention of prominent Sydney citizens at the ringside were plainly heard. I do not think I missed a word.

"I followed the fight to the 12th round, when I cut off. Will you let me know who was the winner and any newspaper cuttings regarding the fight and pictures of the fighters?

"I hope you are glad to hear from us away here in Canada, and hope you will be able to comply with my request.

"Yours faithfully,
"(Sgd.) H. S. HENDRA."

A world's record has been established by 2BL. During the past few months this station has received over a thousand letters from America reporting on the reception of the station. So clearly and frequently are the programmes received, that on the 9th February last the Santa Monica Station KNRC rebroadcast most of the night programme. The method of rebroadcasting was certainly novel. Mr. Jack Moskovita, San Pedro, received 2BL, then placed the loudspeaker in front of a telephone receiver, which was connected to Station KNRC. This is a world's record for a distant broadcast on the wavelength of 349 metres, on which 2BL was operating at the time.

An extract from this rebroadcast taken from the "San Pedro Daily News" is repeated here:—

2BL SYDNEY, AUSTRALIA, HEARD HERE.

Remarkable Record of Reception is Announced.

Station 2BL at Sydney, Australia, was picked up by an eight-tube A.C. receiving set here at 3 a.m. and rebroadcast over Station KNRC at Santa Monica, where the program was received by long distance telephone, according to Jack Moskovita and Donald Wright, San Pedro radio experts, who arranged the demonstration. The Australian station is nearly 8000 miles distant from here.

The feat of "playing" a station in the Antipodes on a loud speaker on the California coast and rebroadcasting so that early morning listeners could pick up the program through a local station was claimed as new in radio history and attainments. The loud speaker simply was placed adjacent to a telephone receiver.

Moskovita's receiving set at 1123 South Meyler Street, San Pedro, seems to be located in a spot peculiarly favorable to DX reception, according to radio engineers.

The current issue of "Radio Doings," out to-day, carries as a lead article, "How's Your Reach?" signed by Kenneth G. Ormiston, widely known radio expert, which reports the recent meeting of dealers and enthusiasts as Moskovita's guests, which was reported the same day in the "San Pedro Daily News."

A proof of the clarity of which 2BL's programmes are received lies in a letter which has arrived from a listener in America, who says, "I have noticed several strange voices of announcers behind your microphone during the last few months, though the announcer at the Stadium (Mr. Basil Kirke) has always been the same." The writer is correct, for there have been several changes recently in the announcers at 2BL, as, for instance, Mr. Jack Cannot and Mr. Jack Win. What more proof could we wish that 2BL's programmes are received with volume and clarity so many miles away?

APPRECIATION.

Away out in the bush are thousands of staunch Australians working hard for a living. Miles from any doctor or hospital, they are now thanking radio for helping them. This letter from a lady in Queensland sets forward the position perfectly:—

"Dear 2BL, Sydney,

"We listeners appreciate your station very much, and we have been enjoying the special first-aid lessons by Mr. Wilkinson during the last few weeks as a rare treat. These talks are indeed very helpful to country people situated miles from a doctor, and Mr. Wilkinson's voice seems particularly suitable for broadcasting; every word comes to us so clearly and distinctly that even the children can follow him. But last Tuesday evening we lost the lesson altogether, and we were all very much disappointed, owing to statics. Several times we switched on during the first-aid half-hour, but statics were against us and we never caught a word. Would it be selfish to ask Mr. Wilkinson to repeat that lesson again? I feel certain I am voicing, or rather penning, the wish of all your country listeners, and thank you in anticipation.

"Your interested listener,
"(Mrs.) H. S. DRUCE."

Galli Curci, the world famous colotura soprano, broadcasting from the studios of the National Broadcasting Company of America. Stations in every state of the Union rebroadcast the recital.

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.

MASS ATTENDANCE.

Dear Sir,—Your correspondent, "B.V.R.G.," in his letter to "Wireless Weekly" of 16th March, made some very silly, stupid statements. I write to correct these statements, and not with any intention of contributing to the opinions on Sunday Broadcasts, which, to say the least, have been flowing in and nauseous.

"B.V.R.G." remarked that hardly 10,000 Sydney folk attend Church on Sunday—or as he reckoned it, "1 per cent." of the population. Now, when I state that about 185,000 Sydney people attend Holy Mass on Sunday, I speak for the Catholic section only. Where then is "B.V.R.G.'s" 10,000, when he presumes to speak for Sydney's whole population? Possibly "B.V.R.G." referred his "1 per cent." to Sydney folk other than Catholic —if so, his statement may, to use his own words, be "an extremely optimistic" estimate.

Yours, etc.,
"RUGBY."

16th March, 1928.

TWO KINDS OF RECORDS.

Dear Sir,—Taking my cue from the chorus which we did get on Anzac afternoon, I will "pack up my troubles in the old kit bag"—using "Wireless Weekly" as the bag.

This isn't intended as a general squeal against 2FC's programmes. They are usually right up to the minute with anything worth while, that is happening, and so may be forgiven a few gross of gramophone records, now and then.

But surely, when they had cut out of the Anzac re-union at 4.30 p.m. on Wednesday, and found they could not pick up the University, they could have switched back to the Anzacs, instead of putting on another record. We would have been able to listen to that fine old chorus, "Pack up your troubles," which had just been announced at the Town Hall function. But they preferred to turn on a Columbian record.

Whilst on the subject of records, I would like to suggest to 2FC that no record be played while the clock is striking eight in the morning. Obviously, the spare time just before that hour has to be filled in somehow, and a record is a handy thing to do it with. But there is no need to overlap the chiming and striking of the clock. To many bush workers, one of the sweetest sounds which comes through the loud speaker is the clear ringing of Big Ben, with its companionable suggestion of nearness.

To you in the city, the chimes may be nothing. To many out here, they are a link. Why drown them with a record? Let us begin the morning with a hearty "Hand-shake" from the old Bell.

And still harping on the subject of records. The very fact that records play such a big part in the programmes, may lead one to make a comparison between gramophones and wireless—to the possible detriment of wireless. A person may not be able to afford both wireless and gramophone, and after listening to a few appealing records on a friend's set, may straight away go and "go in" the savings already put aside for a wireless set, on a talking machine. And then bang goes 2FC's share of that licence fee. Or one may merely scrap his set, and buy a gramophone in self defence—he could at least make his own selection of records.

As already stated this is not a general growl. The memories of the broadcasting of so many things worth while—Cobham's landing, Hinkler's arrival away up at Bundaberg, the Opening of Canberra, the Duke's visit, the arrival of the fleet, 2LO relayed, important speeches, the early morning market results, the fine church services and the running of the Melbourne Cup the Anzac and Armistice Services and functions (and not forgetting Parliament's debate), and so many others, and so frequently, are nearly all special features, which weigh down the scales well for 2FC, without considering the merits and demerits of their ordinary programmes at all.

Still, they might spare us the gramophone records at inopportune times, or if nothing elese, let us start the day with a good clear old happy "hand-shake" from "Big Ben."

A. H. BUCKLEY.

Mandurama.

ATTENTION OF MR. O'BRIEN.

Dear Sir,—I was rather surprised on reading the "Safety Valve" this week to notice a further letter of B. O'Brien's, of Alexandria. I should have thought that the many replies his last letter occasioned would have stopped him writing again. Surely he must realise now that most of his statements were unfounded. He describes one of his statements as burlesque. Well, as far as humour goes, his letter may be alright, but to be serious, I can only quote "Selective," that he is wandering off his wavelength considerably.

He describes himself as a Nationalist in amongst a lot of Labour fans; well if the Nationalist party had made speeches such as his letter, they would never have got into Parliament.

As far as slinging off goes, he could expect nothing more after writing the letter on 2FC. In fact, on first reading his letter I thought it was a series of misprints, notwithstanding the quality of "Wireless Weekly."

B. O'Brien asks whether I can explain why no interference is apparent on 2BL and 3LO, and yet on 2FC and 3AR. Well I think I can.

Stations around 500 metres are harder to separate than those around 300, for the simple reason that the higher wavelengths are more crowded on the condenser scale.

I suggest that he shorten his aerial and inspect the coils and condensers. However, these are only suggestions.

But the point remains that if his receiver cannot separate stations 40 metres apart, then it is not selective.

2FC has not changed its wavelength, because, if so, why has no one else noticed it? Further, 2FC is controlled by skilled engineers, and its transmission is fully supervised, as every other big station is.

As regards 3LO being the best station in the Commonwealth, this is really a matter of £ s. d.

B. O'Brien invited further replies, so this is why I have written again.

Yours faithfully,
"COMMON SENSE."

Sydney.

A LITTLE STEAM.

Dear Sir,— Some steam to go off through the "Safety Valve" if you can find room for it at some time. It is on the well-worn theme of broadcast programmes, but has nothing to do with "What should be broadcast on Sundays."

My little grievance is that, from a countryman's point of view, the hour between 7 and 8 p.m. on week days is not used by any broadcasting station as efficiently and usefully as it might be, and since the new arrangements between the Sydney A class stations have been made, it seems to me that the hour is wasted still more.

The avoidance of the duplication of news may be of great interest to the city set owner. In the morning he can get his news as he breakfasts, without having to go to the trouble of finding supports against which to rest his newspaper while manipulating his knife and fork. In the evening he leaves his office or shop at any time from 4.30 to 5.30, buys his particular evening paper, gets on his tram, train or boat, and by the time he reaches his home he has read all that interests him and does not want any more.

By the time the morning transmission of news comes on the air the man in the bush is generally miles from his set. If things are going alright, he is, as a rule, able to sit back about 7 in the evening, and listen to whatever is put over in the way of news.

In the meantime he has not been able to buy his evening paper, nor the morning one for that matter—it is often a case of waiting two or three days for that to arrive.

Duplication or no duplication, what about using this hour between 7 and 8 for full reports of weather, markets, stock exchange, sporting, and general news, all of interest for the country listener? No necessity for stations to fix time limits, start at 7 and go through the items in regular order. If the whole hour is required, well and good. If not, it might then be permissible for the studios to fall back on the gramophone to fill in the few remaining minutes till 8 o'clock, or close down.

Transmission of news at any hour before 7 p.m. is, I consider, too early for the bush listener, and I base that on 20 years' experience in the backblocks of Queensland and New South Wales.

The following little incident happened last Wednesday evening, 4th inst. I did not know how to take it exactly—it was decidedly humorous, I thought, and at the same time decidedly annoying. The transmission had been going for about 10 minutes, and weather, market reports and stock exchange had been given. The time was announced, 10 minutes past 7. Then "As market reports and Stock Exchange information are not as full as usual owing to the approach of the holidays, we have completed the transmission of these items a little early, and as we are not due to read the general news until 7.15, we will put on a record." The record was duly put on and filled in the time nicely (for the station) until 7.15. Now why on earth could not those few minutes have been used for the transmission of the day's sporting results? Of course, it was evidently not this station's turn to transmit that sort of matter, but surely some initiative could have been used to employ the five minutes more profitably, instead of turning the news session into a vaudeville entertainment.

To my mind that is carrying "the avoidance of duplication of news" to a foolish extreme. When putting these new ideas into operation the bush listener, though well in the minority, should receive some consideration.

This set of mine was installed for two reasons—firstly to obtain complete up to the minute news every evening regarding weather, markets, sporting and general items of interest from one or other of the A class stations, and secondly for the purpose of enjoying a little good music from anywhere.

Until recently, one might say until the incident of last Wednesday, I have been perfectly satisfied on both points, though I must admit there have been times when I have been strongly tempted to rush into print and suggest that lecturers and their lectures should have a special session earmarked for them, commencing at, say midnight, throughout the year.

Out of consideration for the broadcast station manager who, I fully realise, must have a very hard time of it trying to please everybody, I refrained from doing so, but this latest move has "upset the applecart."

It appears now that one must switch into two or three stations in order to get all the news he wants (and run the risk of not getting any), which, to my way of thinking, is quite a ridiculous idea. Of course, my way of thinking might be the wrong one.

By utilising this hour as suggested (and the suggestion is not any worse than the present arrangements), the managers of A class stations would have one hour less to worry about.

If duplication of news or anything else is going to be a great source of worry, why not put the only effectual remedies into operation, namely, close one station permanently and let the other do the lot, or let each station operate alone on alternate days?

Everyone would then know how he stood.

Yours faithfully,
H. P. McMEEKIN.

Quirindi.

Racing Broadcasts to Stop?

ACCORDING to a recent announcement in a daily paper, steps are being taken by the G.P.O. officials to have racing broadcasts prohibited, owing to the fact that a great amount of revenue is lost on telegrams. If this is done (and it is hardly possible under the circumstances), there will be considerable dissatisfaction among listeners throughout Australia, more especially by those country listeners who have to wait several days for a newspaper.

Recently, during a racing broadcast, the announcer at 2FC requested listeners to write advising their wishes regarding the broadcasting of racing, and over 508 letters were received. 2BL also made this request, and it is estimated that between the two stations 1,000 listeners wrote within a few days—showing that interest in racing broadcasts is likely to continue.

But listeners-in will have to protest much more strongly than this if they wish the racing broadcasts to continue. We, therefore, open the columns of the "Safety Valve" to letters on this subject. There are, of course, a number of listeners who would like to see the racing broadcasts stopped, and who may not wish to enter into a controversy. In order to test the opinion of readers we invite them to fill in and send to this office the ballot coupon below:—

1. **Are you in favor of racing broadcast descriptions?** ☐
2. **If so, do you prefer the descriptions from 2FC?** ☐
3. **Or do you prefer the descriptions from 2BL?** ☐
4. **Or do you like intermediate transmissions from both stations?** ☐
5. **Are you in favor of leaving racing broadcast descriptions out of the programmes altogether?** ☐

NOTE: Place a cross opposite your preference and forward coupon to "Racing Ballot," "Wireless Weekly," 51 Castlereagh Street, Sydney.

It's All in the Air

Studio News about Coming Features in the Programmes from 2FC, 2BL, 4QG and 3AR.

THE NIGHT programme at 4QG on Monday, May 28th, is in the hands of the Brisbane Apollo Club, which has arranged an entertainment of a varied and pleasing nature.

THURSDAY, May 24th, is Empire Day, and, as usual, a monster rally will be held in the Exhibition Hall, Brisbane. 4QG has made arrangements for the broadcasting of the function, and listeners who remember last year's broadcast of the Empire rally will be looking forward with pleasure to hearing something quite worth while on Empire Day this year.

2FC HAVE BEEN to considerable trouble to arrange their programmes according to listeners' desires, and shortly they will have the opportunity to listen to such Fun-makers as the "Sparklers," the "Revellers," and the "Merrymakers" once a week. In view of the interest taken in these impromptu concerts, three of 2FC's prominent artists, Charlie Lawrence, Rus Garling and Edgar Warwick, are to form their own troupes, and thus variety is assured. In a plebiscite recently conducted by the "Daily Mail" a decided win was recorded for impromptu concerts, and judging by the interest held last year, listeners are sure to meet these new arrangements with open arms.

ON TWO or three occasions recently when a transmission of Commonwealth-wide interest has been effected by 2FC, steps have been taken to re-broadcast it by 4QG. Many listeners will remember hearing a full description of the running of last year's Melbourne Cup, which was re-broadcast from 2FC. Some few days ago, the Carillon, which has been installed in the tower of the University of Sydney, was officially opened and bell music was broadcast by 2FC. In addition to transmission on the ordinary wave length, a special broadcast on a short wave length was also arranged. This was picked up by 4QG, amplified fed to the main transmitter and then re-broadcast on a wave length of 385 metres. The whole transmission was most successful and enabled listeners in Brisbane who possessed the most humble type of crystal sets to hear quite clearly the chiming of the bells in Sydney.

ARCHIE CLARKE is one of the best-known comedians in Melbourne, and he displays his remarkable versatility at 3AR to the delight of listeners. Mr. Clarke broadcasts many original and novel items, his imitations being exceptionally clever.

2FC—Coming features of the Week.

TALKS

FRIDAY, 18th MAY:
- 3.15 p.m.—Madame EVELYN GREIG. "The Art of Listening to Music."
- 7.45 p.m.—W. F. Kay: "George Musgrove."

SATURDAY, 19th MAY:
- 11 a.m.—J. G. Lockley: "Gardening."
- 7.45 p.m.—Captain FRED AARONS: "Chilian Sidelights."

SUNDAY, 20th MAY:
- 3 p.m.—Dr. W. C. Poole, from Lyceum Hall.
- 5.15 p.m.—Miss A. E. Pallister: "Aspects of Deaconess' Work."

MONDAY, 21st MAY:
- 11.15 a.m.—EMPIRE SHOPPING WEEK. Talk by Linda P. Littlejohn.

TUESDAY, 22nd MAY:
- 6.50 p.m.—EMPIRE SHOPPING WEEK.

WEDNESDAY: 23rd MAY:
- 7.45 p.m.—PERSIA CAMPBELL: "International Relations."

THURSDAY, 24th MAY:
- 11.15 a.m.—Linda P. Littlejohn: Empire Shopping Week.

CHURCH SERVICES

SUNDAY, 20th MAY:
- 11 a.m.—St. Mark's Church of England, Darling Point.
- 3 p.m.—Lyceum: Speaker, Dr. W. C. Poole, of London.
- 7 p.m.—Lyceum.

MUSIC—COMEDY—DRAMA

SATURDAY, 19th MAY:
- 8.10 p.m.—BALLALAIKA ORCHESTRA.

SUNDAY, 20th MAY:
- 9.30 p.m.—STEPHANIE DESTE: Elocutionary Recital.

MONDAY, 21st MAY:
- 8.15 a.m.—RAYMOND ELLIS, English Baritone.
- 9.35 p.m.—BRUNTON GIBB, entertainer.

TUESDAY, 22nd MAY:
- 8.20 p.m.—PETER GAWTHORNE, English Baritone. "MEDLEY AND MOTLEY": Radio Topicalities.

WEDNESDAY: 23rd MAY:
- 3.5 p.m.—CHRISTIAN HELLEMANN: Organ Recital from Christ Church, St. Laurence.
- 8 p.m.—FAREWELL TO RAYMOND ELLIS, English Baritone, who is returning to London after two years in Australia.

THURSDAY, 24th MAY:
- 8.50 p.m.—ANNUAL EMPIRE DINNER, held by Royal Colonial Institute. Speakers: Sir Hugh Denison, His Excellency the Governor of N.S.W., Sir Phillip Street. SYDNEY CALLAND, Baritone.

MEET MESSRS. MEDLEY AND MOTLEY—two well known entertainers at 2FC, who, following on the same lines as Flotsam and Jetsam in England, are making a hit with listeners. Medley and Motley arrange their own music, and also the words of their songs, which consist of topicalities of the day set to rhyme and music.

THE PROGRAMME arranged by 4QG for the night of Tuesday, May 15th, promises to be one which will satisfy many listeners. The whole night will be occupied by a recital given by the Nocturnians under the leadership of Mr. H. Gilroy. With hardly an exception the items are of a popular type and as such should appeal to most radio enthusiasts.

MISS RENE BARTLEY, the popular elocutionist, had made a decided "hit" as a story-teller in the children's hour at 3AR. Miss Bartley understands children, and, being sympathetically attuned to their fancies, knows just what to tell them. This is the chief reason for her success. Her nicely modulated voice with perfect ennunciation is particularly suited to broadcasting.

LISTENERS who are fond of humor will doubtless be delighted to learn that 4QG has made arrangements with Mr. Billy Maloney who is remembered as one of Brisbane's most popular comedians, for a series of short sessions from the station. Billy Maloney will be assisted by Miss Eileen Cusack and will, on each of the nights he appears at 4QG, provide a light entertainment lasting for half-an-hour.

UNDER THE TITLE, "To-night's Visitor," 2FC is to stage a new idea in broadcast interest. The services of a skilled interviewer are being sought to interview some prominent person before the microphone, at 9 p.m. every night. The name of the person to be interviewed will not be announced till the evening in question, but as far as is possible, 2FC hope to be able to interview men of the day—men of topical interest—and women too. New ideas are hard to get, and 2FC are to be congratulated for opening up another new avenue of interest to listeners.

PRIOR to retiring from the active management of Station 3AR, consequent upon the merger of Associated Radio Company with 3LO Melbourne, Mr. R. F. Gardiner—who has been the managing director of 3AR for about 18 months—was entertained by the staff and presented with a handsome traveller's clock. The presentation was made by Mr. David C. Cameron, the engineer, who referred to the marked improvement of the services of 3AR during Mr. Gardiner's regime. In responding, Mr. Gardiner expressed appreciation of the cordial relations which had always existed between the staff and himself, and voiced his regret that other pressing business engagements compelled his retirement from 3AR.

VOCALISTS in the programmes at 3AR include Miss Valerie Walsh, who has a delightful rich contralto voice. Miss Walsh had a brilliant career at the Albert Street Conservatorium, and was specially noticed by Dame Nellie Melba.

Miss Jessie Shmith, the soprano of 3LO fame, is also singing with success at 3AR, after having returned from Sydney, where she was recorded for the gramophone in several excellent numbers.

Another young singer at 3AR is Miss Shell Paterson, who although new to broadcasting, has made a distinct success, and is becoming very popular with listeners.

SOME FEW months ago, Messrs. King and King arranged a concert programme which was relayed by 4QG from their music warehouse in Queen-street. The same firm has now organised another programme and this will be relayed by 4QG on the night of Friday, May 25th. A glance at the names of the artists who are participating in it gives some idea of the high standard of entertainment which listeners may expect. The programme which has been arranged by Mr. Percy Brier includes itmes by Misses E. Larwill, G. de Grant, Marie Knight, Corkran, Eunice Cochrane, Ruby Massey, Beatrice Pugh, Ivy Plane, Victoria Blakey and Messrs. Arthur Sharman, Eric Hayne, James Wallis, Jack Ellis, Percy Brier, Archie Day, and Les Edye.

MR. WALTER E. WITHROW, of the Withrow Institute of Physical Culture, will resume shortly his wrestling contest descriptions from 2BL. The first of his transmissions from the Stadium will be on the evening of Monday, May 21, and it is requested of listeners in the country or elsewhere that they write to 2BL on their reception. This year's wrestling promises to be of exceptional interest.

A.W.A Develops Short Wave Telephony.

FOR a considerable time past the radio engineers of Amalgamated Wireless (A/sia), Ltd., have been busily engaged on experiments in connection with short wave telephony transmission generally, and amongst other experiments have carried out a number of tests in connection with the relaying of broadcasting programmes transmitted on short waves.

So successful have these experiments been that Broadcasting Stations 4QG Brisbane, 6WF Perth and 7ZL Hobart very often relay any matter broadcasted by 2FC, Limited, through Station 2ME—the A.W.A. short wave experimental station situated at A.W.A. Radio Centre, Pennant Hills, Sydney.

In view of the experience gained in these experiments, it can be stated that in the near future land lines for the purpose of carrying programmes to the distant parts of the Commonwealth will be a thing of the past. This will tend to cheapen programme matter, and, in fact, may lead to the establishment of a central transmitting station at Sydney and one at Melbourne, which stations will transmit the programmes on short waves to the other States, from whence they will be relayed by the local station.

A DISTINCT innovation in wireless, and one which should be extremely useful to the Police Department is the installation of a six-valve Radiola Super-Heterodyne Receiver on the New South Wales police patrol boat.

The receiver is fitted into a cupboard of the launch and used in conjunction with a concealed aerial. The installation was carried out by Amalgamated Wireless and is capable of receiving messages from Police Headquarters at Phillip Street. While the police patrol motor cars have been equipped with wireless for some considerable time, this is the first of the police patrol boats to be so fitted.

ON MAY 1 Amalgamated Wireless inaugurated a special service of coastal weather forecasts to ships at sea by means of radio telephony. This service is intended for those ships trading on N.S.W. coast which are not fitted with wireless telegraphy. The messages are transmitted from A.W.A. Radio Centre, Pennant Hills, and are sent out twice daily (Sundays excepted). On subscribing to the service a vessel is supplied with an efficient valve receiver capable of picking up the messages, and which can be quite easily handled by any person on board without any special knowledge of wireless. The special weather reports are supplied to A.W.A. by arrangement with the Commonwealth Divisional Meteorologist, Mr. C. J. Mares.

Sporting Notes.

The inclusion of the selected Olympic athlete, E. M. Davidson, in the Melbourne University team which will take part in the Inter-Varsity Athletic Championships in Sydney on Wednesday, May 23, will invest the broadcast details through 3LO with particular interest.

Besides being the Public Schools' athletic champion, Davidson holds the high jump record for Australia, and should be a tower of strength in the Melbourne Varsity team. Naturally his performance will be followed with particular interest by listeners.

Apart from Davidson, Melbourne University has a strong representation. 3LO will broadcast full details of the events.

Ballarat Miners' Turf Club Meeting.

The Ballarat Miners' Turf Club's races on Friday, May 25, will be described by 3LO.

Railways Boxing and Wrestling.

3LO will supply listeners with results of the Victorian Railways Institute boxing and wrestling tournament set down for Friday night, May 25. The details will be put over the air at 11 p.m.

South Melbourne-Carlton Football Match.

The meeting of South Melbourne and Carlton on the former's ground on Saturday, May 26, will be described by Rod McGregor for 3LO. A stirring game is promised, and an equally stirring word picture of it is assured with Rod McGregor behind the "mike."

Women's Inter-Varsity Tennis on the Air.

Results of the Women's Inter-Varsity Tennis Championships on Monday, May 21, will be broadcast by 3LO. Keen matches and close finishes are expected.

Aspendale Races Over 3LO.

The races at Aspendale will be described by 3LO on Wednesday, May 23.

New 3LO Programmes

"The Girl Friend" Broadcast, Flute Items, the Gypsy Quartette, University Conservatorium of Music.

A PROGRAMME of flute and piccolo items will be broadcast from 3LO on Sunday night, May 20th, by Mr. Stanley Baines.

AS WAS ANTICIPATED, the "Joy Boys"—Tilton and West—have rapidly sung themselves in to the good graces of listeners from 3LO, and add considerably to the lightness and brightness of the programme. With their well-trained voices, excellent choice of songs, into which some pleasing harmony is introduced, and their "right-up-to-the-minute original patter," there is not a dull moment whilst they are before the microphone.

THE YOUNGSTERS will be glad to hear that the children's community singing hour, conducted by Bobby Bluegum, is to be reinstated, and will recommence on Tuesday, May 15. For some time past the children, with Peter Pan at their head, have been learning many songs "through the wireless," and, now that they have completely mastered both words and tune, this will be a splendid opportunity to see what they can do when it comes to the actual singing. Community singing has always had a great appeal for the adults, and it is safe to predict, judging from the one or two sessions that have already been held, that the young people will find it equally fascinating.

OWING to the widespread interest aroused by the recent talk given over the air from 3LO Melbourne by the Rt. Rev. G. A. Chambers, the Bishop of Central Tanganyika, a movement is afoot to arrange for this eminent divine to speak at the P.S.A. at Wesley Mission one Sunday afternoon in the near future, as it is thought that this type of "lecturette," if given on Sunday afternoon, would command a greater audience than if relegated to a week night. In view of the fact that the Church of England (in Australia) has but recently taken over fresh territory in Tanganyika, this talk should be of more than usual interest, quite apart from the fact that Bishop Chambers introduces us to a wider view of Africa than that outlined by either Stanley or Livingstone, to whom we are indebted for most of our knowledge of the interior of the "Darkest Continent."

THE COBURG CITY BAND will broadcast a concert from 3LO Melbourne on Wednesday night, May 23. The programme will include "The Bohemian Girl," "Airs from the Talisman," and "The Rose of Castile."

3LO LISTENERS who enjoyed the first act of the popular musical comedy, "The Girl Friend," broadcast on Monday night, May 14, will be glad to know that the second act will be put on the air by the station at 9.20 p.m. on Tcesday night, May 22. The catchy music and tuneful singing are features of the show, and listeners should be sure to tune in at 9.20 p.m. on Tuesday night for the second act.

3LO LISTENERS are promised a musical treat on Tuesday, May 22, when a splendid hour's programme will be provided at midday. The performers will be the popular Gypsy quartette, Miss Elsie Davies, and the great Russian singer, Senia Chostiakoff, who will sing "The Volga Boatman." This song earned for M. Chostiakoff, who was a soloist in the Don Cossack Choir, renown during the filming of "The Volga Boatman" at the Capitol. Listeners should not fail to listen to this programme. Senia Chostiakoff will be in the 3LO programmes for four or five weeks from May 22nd.

LOVERS of good music in Melbourne are fortunate in having two such institutions as the University Conservatorium of Music and the Albert Street Conservatorium. But music lovers have considered for some time that the number of concerts given by the students of the two conservatoriums is all too few. Many of the pupils, too, find that public appearances are few and far between, but one who has been given her chance is Miss Kathleen Simms of the University Conservatorium. Following upon her recent successful broadcasting season, Miss Simms has been engaged by 3LO for a number of performances, the first of which will be on July 2nd. She is one of the most brilliant of the young students at the University. Now in her twenty-first year she has passed with first-class honours in all of her subjects, and her examination for her diploma at the end of the year should not present any difficulties to her.

AN ORGAN RECITAL by Mr. Mansley Greer, assisted by Madame Gregor Wood as soloist, will be broadcast by 3LO Melbourne on the night of Tuesday, May 22.

THE 3LO SCOUTS' camp fire concert competition series will be continued on Monday night, May 21, when the 1st Albert Park Troop will be on the air. They will be followed on Tuesday night by the 1st Coburg Troop, and on Saturday night with the 1st Preston Troop. Boy Scouts and Sea Scouts have become keenly interested in this series, and are on the lookout for concerts by their rivals.

ON MAY 22nd, Captain Donald Maclean will continue the talk of "The Story of the Marie Celeste" from 3LO, Melbourne, and will endeavour to clear up what has hitherto been a mystery seemingly incapable of solution. Everyone will remember how the "Marie Celeste" was found off the coast of Spain, in full sailing capacity, bunkers filled, fires stoked, even the table laid for a meal, but with not a soul on board. Captain Maclean, after much research, has now arrived at a possible solution of the mystery, and this should form the basis of a most interesting and absorbing talk.

EVERY WOMAN KNOWS that there are few things more enjoyable than a cup of tea, freshly brewed, but what every woman does not know, is how to make a cup of tea to the best advantage. Some omit to have the water freshly boiling, others neglect to heat the teapot before putting in the tea, and others again, are all at sea when it comes to "measuring out" the quantity of tea. Mr. Frank Luke, who, for many years has been connected with one of our oldest established tea firms, and knows all there is to be known about tea making and tea drinking, to say nothing of the brewing of coffee and cocoa, will give a short series of talks on tea, coffee and cocoa from 3LO Melbourne, in the Women's Hour, during which he will not only give instructions as to how they should be made, but will explain their relative values from a dietary standpoint. As tea may be termed the Australian's "national beverage," these talks should be of more than passing interest.

LET NONE of us forget that Thursday, May 24, is Empire Day, and to commemorate this, a special programme has been arranged during each session from 3LO. During the Women's Hour, Miss Olga Parker, of the Melbourne Empire, will give one of her delightful "Travelogues," describing the vastness of the British Empire. During the afternoon, under the auspices of the Parents' National Educational Union, a second Schubert programme will be arranged, in which the Gypsy Players and Miss Agnes Fortune will take part, the vocalist being Madame Elsie Davies. As is usual on these occasions, Mr. J. Howlett Ross will give a talk on "Empire Day"—what it stands for, and its significance regarding the present day outlook. As listeners know, there is always something in Mr. Ross's talks on these subjects that makes "listening in" well worth while.

ON MAY 22 Mr. Mansley Greer will again give one of his organ recitals from Scots Church, which will be broadcast by 3LO. Music lovers, especially students of the organ, owe much to the organ recitals broadcast by this skilful and artistic musician, who not only introduces a perfection of breadth and phrasing into his interpretation, but always precedes his selections with a brief explanatory talk, pointing out the outstanding features and leaving no stone unturned to help listeners to a better and wider appreciation of classical music. Included in his programme will be the "Grand Offertoire in G" by Lefebure Wely, and the assisting vocalist on this occasion will be Madame Gregor Wood, the popular contralto, who will be heard to advantage in "By the Waters of Babylon" and Dvorak's "Turn Thee to Me."

THAT VERY ENERGETIC padre of St. Mark's Mission, Fitzroy, the Rev. R. G. Nichols, is due to speak from 3LO Melbourne on May 25, his subject being "Soup Kitchens." Many listeners will remember his talk of nearly a year ago, on the same subject, when such a splendid influx of gifts was the result. On this occasion enough money, meat and bread were promised to enable him to carry on through the winter months, and to give practical assistance to hundreds of children, who would otherwise have felt the pinch of cold and hunger very keenly. It is in cases of this description that the "wireless" proves of untold value, and enables the workers of our great charity organisations to get in touch with sympathisers "up country," who, but for the radio, would never hear directly of their less fortunate brethren in the highways any byways of our great cities.

HAVING SPENT many years in delving into the histories of the Scottish and Irish folk songs, William Tainsh is now broadcasting many fascinating stories during the children's hour at 3LO. As every one knows, some of the old Scottish ballads age with the Scriptures, and to lovers of folk lore this series should prove most attractive, for it will contain extracts from some of the finest ballad history in the world.

The Women's Session

(Conducted by Dorothy Jordan, 2BL)

NAMING THE HOME.—From Newcastle a writer says: "As there seems to be no end to your knowledge, and you are always willing to solve our problems, I am writing to know if you can help me in a little matter. We have built a lakeside home and I do like an appropriate name. Can you give me an Australian aboriginal name suitable, that means 'lake water or view'; a short name for preference and its meaning?" A suitable name has been broadcast and we are waiting a reply,

MAKING SOAP AT HOME.—"Please send me a recipe for making soap: the one you broadcast last year. While I was visiting some friends at Bathurst, they gave me a piece, and I have been saving up all my spare fat against making some myself." This letter comes from Kensington.

HOME DYEING.—"Is it possible to dye an Assam silk coat? What dye shall I use? The coat has been washed many times, will that matter? We live in the country and cannot always procure the right dyes," says a listener from Taree.

THE CHOKO VINE.—"I have a vine laden with chokos, can I make jam with them? Will you repeat the recipe for 'mock pears,' that you gave last Saturday?"

DO YOU KNOW that when apples are scarce and dear, if you cook some white chokos with them the chokos taste just like apples. This hint comes from an ardent radio fan.

DENTAL HYGIENE.—Dr. Harvey Sutton, Chief Medical Officer to the Education Department, says: "Sugar taken between meals spoils the child's appetite. The best form of sugar is honey, which is partially digested, and by giving our children honey we are helping to support a primary industry in Australia.

EXERCISE NECESSARY.—Don't give the child mushy food. Give them food that makes them chew and exercise the gums and teeth. Firm food leaves the mouth clean.

CLEANSING FOODS. — Finish every meal with fruit, which is a cleansing food, and give the older children cheese, which is also a cleanser.

SIMPLE DENTAL CLEANSER.—A little common salt or chalk on the tooth brush, with plenty of elbow-grease, will keep the teeth sound. Three minutes should be spent on brushing the teeth. Brush back as well as front of the teeth. The health of the nation depends on its teeth.

MANY INQUIRIES.—Since so many listeners have requested me to repeat the ingredients used in making Javelle water, I take this opportunity of giving it. Javelle water is made by dissolving ¼lb. of chloride of lime in 2-quarts of boiling water. When nearly dissolved add 1-lb. soda. Strain through flannel and use the clear portion. This is useful for taking out spots—tea, coffee, fruit or mildew stains from linen. Brush the liquid on the spots, rinse well and put ammonia in the rinsing water. Javelle water is to be carefully used, as if left in too strong solution on the clothes, it will rot them. Javelle water may be used to take stains out of the bath.

THE ENEMY OF THE HUMAN FOOT.—In a series of talks on the care of and troubles of the foot, Jean Gordon says that the enemy of the human foot is the covering which human ingenuity has devised. It is difficult to decide which does the most harm, the high heel or the pointed toe. The worst result of the pointed toe is that it forces the big toe out of its proper alignment. The balance of the foot is upset and the weight of the body tends to break down the long arch of the foot, producing pain and disability. The high heel elevates the back part of the foot, it may be 2½ to 3 inches in extreme cases. This means that the foot is resting on an inclined plane and is constantly tending to slide down it. Jean Gordon is well known in Sydney and her Talks on the Foot take place each Tuesday morning at 11.30.

PAPER WEAVING.—Each Thursday Miss Hoyles gives a talk on paper weaving and sealing-wax craft. She is teaching her hearers how to utilise a common brick and make it into a beautiful door weight. Many of our women look eagerly forward to these talks, and letters are sent in regularly from a number of listeners-in at Rockhampton, Queensland, who are following this series of talks very closely. Miss Hoyles advises her hearers to have all the materials ready and instruct them step by step so that they may make the article while listening in.

2FC Features

Plus-four Parson—Stephanie Deste—Ballalaika Orchestra—Composer's Hour—Carillon Broadcasts.

CITY TATTERSALL'S Meeting will be called in running by the universal favorite of 2FC racing listeners, M. A. Ferry, on Saturday, 19th May.

REV. W. C. POOLE, who created a sensation by appearing in the unorthodox garb of plus fours at a religious meeting in Melbourne the other day, will speak at the Lyceum on Sunday, 21st May. His address will be broadcast by 2FC.

THE TWO MELODY BOYS: This mellifluous title serves to hide the identity of two of 2FC's favorite vocalists, who are working in double harness with success. Harmony and solo numbers go to make up a really attractive act. They are programmed for Saturday, 19th May.

SOPHIE FRIEDMAN, a talented pupil of Mischa Dobrinski, will give her recital at the Conservatorium on the evening of Monday, 21st May. 2FC have arranged with M. Dobrinski to take a transmission from the performance. Miss Friedman will have the assistance of Madame Vera Tasma, who is well known to 2FC listeners.

STEPHANIE DESTE: Surely there is no one in Sydney so extraordinarily versatile. From the famous "Wanda" in "Rose Marie" to Abner's appeal against the sword in the 2nd Chapter of 2nd Book of Samuel, is a far cry, but Miss Deste covers the distance with all the sure-footedness of her art. In addition to the Biblical excerpt on Sunday, 21st May, from 2FC Studio, she will give Tennyson's "Hiawatha."

GOODWILL DAY: On May 18th, to be observed throughout the British Empire as Goodwill Day, 2FC will broadcast the message of the Children of Wales during the Children's Session. The unthinking are inclined to be apathetic over such a movement. "Why single out any special day for the spreading of the gospel of goodwill"? they ask. "Such an influence should permeate the daily life of the nation." They overlook the important part tangible evidence plays in any doctrine, and the very fact of citing a specific day serves to quicken in the minds of the people the desire for that universal brotherhood which is the high hope of our race.

BALLALAIKA ORCHESTRA: What is a ballalaika? A bright kiddie who called at 2FC the other day asked the "Hello Man" "When the gentlemen would play the Guitar with corners' again." A singularly apt description, for this curious national instrument of Russia possesses the thrumming note of the guitar, and is certainly angular in construction. The orchestra, under the direction of M. Radik, will appear on Saturday night, 19th May.

PCJJ HAS NEW WAVELENGTH.
In future listeners, who desire to hear PCJJ, will have to grope up another odd metre on their dials. Philips' Radio have just been advised that the engineers have now altered the wavelength from 30.2 to 31.4 metres. The regular times of transmission are at present: Wednesday and Friday mornings from 2 till 6, Saturday from 9 till 12, and Sunday from 1 till 4 (Sydney Times). Philips' Radio, Sydney, request reports from experimenters and amateurs in regard to this change of wavelength.

"AN HOUR WITH GREAT COMPOSERS": Between 6.0 and 7.0 at 2FC Studios one Sunday evening during the month, Madame Evelyn Grieg prepares a programme from the old masters which is the delight of lovers of good music. With her are associated young artists who through the merit of their work are rapidly gaining ground in the musical life of Sydney. On Sunday, 20th May, Anne Mills will sing the Aria from "Titus" (Mozart)—"Non piu di Fiori," and Tschaikowsky's "To Sleep." Maysie Dalsey will play the Adagio from Haydn's concerto for violoncello, and the trio for violin, 'cello and piano in E flat major (Beethoven) is also included in this attractive programme.

MISS A. E. PALLISTER, Superintendent of the Church of England Deaconess Institution, at Newtown, has recently returned from England, and will give an address at 5 o'clock from 2FC, on Sunday, 21st May. Miss Pallister will speak of the work done in the slums, the Children's Home and the Children's Court, and also by the Bush Deaconesses. Here is another instance of the invaluable help of broadcasting. The ten minute talk by Miss Pallister will reach and interest hundreds who otherwise would have no opportunity of learning at first hand the extent of this Institution's activities.

CARILLON BROADCAST: The following letter is particularly interesting, in view of the controversy which has arisen regarding the War Memorial Carillon at the Sydney University: "I have resented the newspaper criticism of the carillon, to which I have listened with delight at the bells' purity of tone, and keen enjoyment of their glorious harmonies, which even over the wireless have been all that we hoped and expected. I was unable to hear the Inauguration Ceremony itself, but Monday night's recital (30th April) came through perfectly and the magic of even the most ordinary wireless music was a thousand-fold enhanced when on the listening silence there fell the first exquisite notes of the Fantasia, which opened the programme. The grace and delicacy of the melodies of the smaller bells, the clarity and poignant loveliness of the tumbling cascades of liquid, rounded notes, the breadth of tone and the grandeur of the large bells, and the harmony of the whole, was a delight that we who experienced it will long remember. Be assured that while there may be adverse criticism to dim in ever so small a measure our joy and pride in the carillon, there are very many who are satisfied and more than satisfied with it, and who consider our Alma Mater forever honoured in it."

This listener was 250 miles from Sydney when he heard the recital by Bryan Barker, the English carillonist, through 2FC.

C. E. Kleeman, of Katanning, W. Australia, writes: "We listened right through the items from the carillon at the Sydney University, which were very much admired, and are also greatly discussed over here in West Australia."

J. W. Robinson, Director of Radio Service in Queensland: "The transmission from the University Carillon was very satisfactory, and was relayed by 4QG. We have had quite a number of complimentary notices in regard thereto, and ask you to accept our thanks for the opportunity of relaying this wonderful programme."

W. T. H. Warburton, South Brisbane, says: "We listened to your programme on Monday night, 30th April, and the Carillon of bells from the Sydney University was simply splendid."

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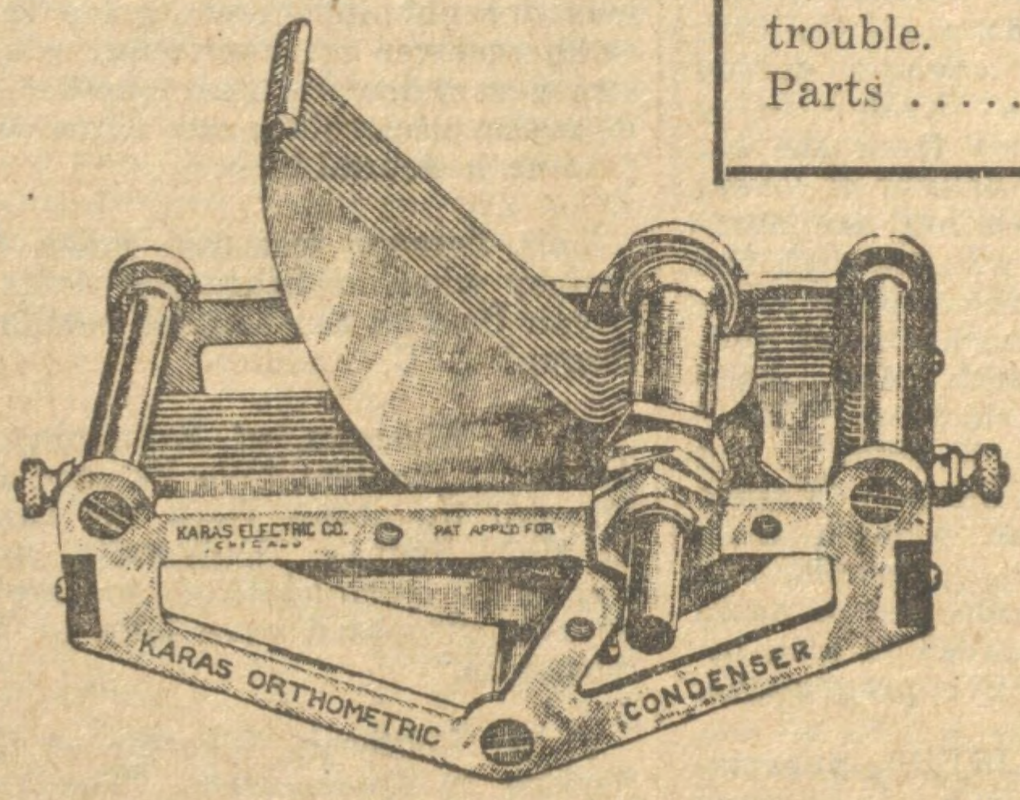

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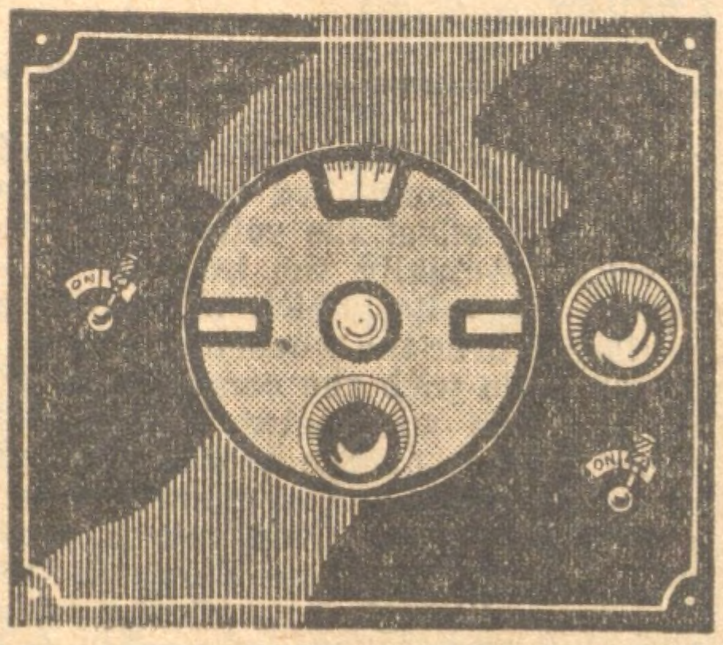
A USEFUL WAVEMETER

The advantage of this wavemeter is that it will suit all receivers. Even if the reader does not require the extra selectivity of this inexpensive device, he should read the article for the value of its wave. length and tuning data.

WAVEMETERS are usually very precise in construction and beyond the pocket of most readers. There is no reason why constructors should not make and calibrate their own, provided they use good component parts. For the broadcast band of wavelengths, the heterodyne type of wavemeter is a valuable adjunct, particularly for the man who possesses a sensitive receiver capable of tuning in foreign broadcasting stations, such as KZRM, in the Philippines, or JOAK in Japan. There is always the possibility through the winter months of reception from various American stations or even other parts of the world. Having looked up in the Radio Press, details of some long distance station—the wavelength is noted, and the operator of the set, starts to search diligently for the elusive carrier wave. In the cold small hours of the morning, this procedure is apt to become exasperating with many types of receivers. How much more easy it will be with a reliable wavelength check to work from! If you have aroused yourself in the early hours in the hope of hearing some super DX, and your wavemeter stands on sentry-go, and shows you that your receiver is correctly tuned; and weather conditions or some other unknown factor are against you, you may retire peacefully with the knowledge that it at least was not because you were not tuned to the wavelength of the station you were seeking! Even for local, or semi-local work, a wavemeter is an intensely interesting piece of apparatus. No wonder that when a friend's wavemeter is borrowed, the borrowing friend takes a long time returning it! There is no question, but that a really accurate wavemeter is beyond the means of most of us, either to buy or to construct; but accuracy within a meter is not difficult to attain. The wavemeter is really an invaluable accessory to have around the wireless room, and one no longer needs to guess at the identity of a weak station. It is but the work of a moment to check the wavelength and look it up in the list of stations. Another important aspect of the use of a wavemeter is that if a new receiver with home made coils is to be tested, there is no need to hazard a guess at the wavelength range the coils will cover, or even to start hunting up inductance and capacity formulae. All that is necessary is to switch on the wavemeter and the receiver, and calibrate the settings of the dials at the minimum and maximum. The cheapest form of wavemeter is the absorption type. This type is not by any means accurate, at least on the normal broadcast range! On short wave work it is more useful, but still very far from accurate or easy to ascertain. Next comes the good old buzzer wavemeter, well known to ex-sea-going or ex-air service wireless operators. The bad feature of this form of meter is the broad tuning, which cannot be easily overcome without special provisions, which at once put the cost up and increase considerably the difficulty of construction. The sharpest tuning of all is given by the oscillating or Heterodyne wavemeter, excluding, of course, a wavemeter embodying a quartz crystal for frequency standardisation. The advantage of the Heterodyne wavemeter is that it is fairly sharp, but it has a missing link which is found in the buzzer type of wavemeter. That is, that normally it cannot be used with a receiver which is non-regenerative. This statement needs a little explanation to enable readers to fully understand the meaning thereof. Suppose your set is oscillating and tuned to a broadcasting station (which is a populated area—I hope it is not; for the sake of your neighbors. In the country or outlying suburbs—it matters not. When your receiver wavelength is in resonance with that of the Broadcasting station—the carrier or power wave of the station will be heard. As the wavelength of the latter is approached, the carrier wave is heard as a high pitched whistle, and when the receiver is exactly in tune, falls to a very low or inaudible pitch. This lowest pitch is known as the "silent point." As the tuning of the receiver is continued the whistle rises in pitch and intensity and the dial is turned on in the same direction. If the receiver is used in a non-regenerative state, the modulated transmission alone without the carrier wave will be heard increasing in strength as the wavelength of the station is approximated by your receiver. The only possible way by which you could hear the carrier wave with your receiver out of oscillation, would be if one of your neighbours has his receiver oscillating on that particular wavelength, when you would hear what is termed the "beat" note, caused by the wave radiated from the neighbour's receiver and the carrier wave of the broadcasting station. All this preamble serves to show the use of the oscillating or heterodyne wavemeter. Now, if instead of the broadcasting station, you substitute the oscillating valve wavemeter, you will be able to hear the "carrier wave" of the wavemeter with your receiver in an oscillating condition. This is so because the combination of radiated energy between your receiver and the wavemeter makes audible the "beat" note.

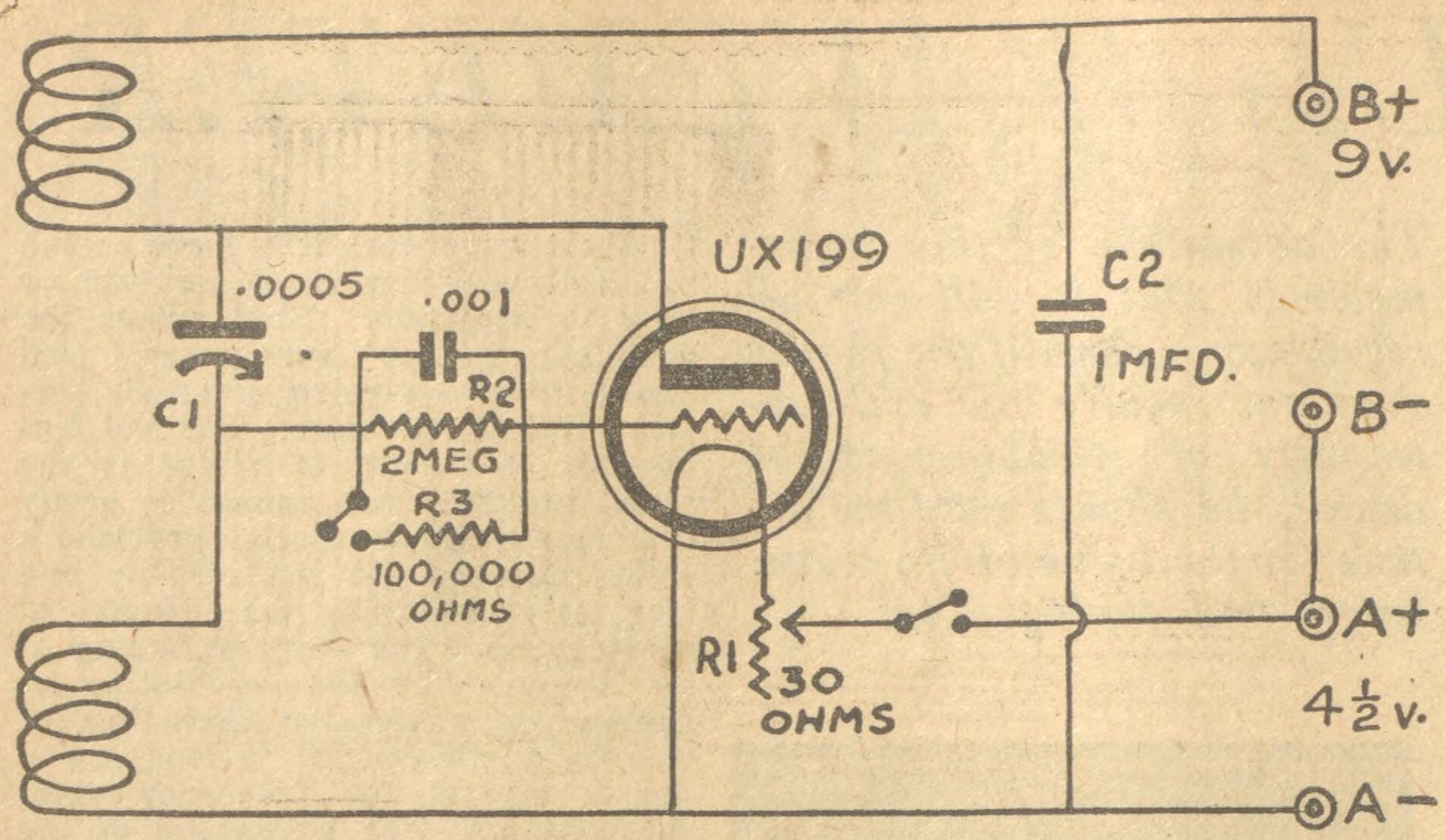


LIST OF PARTS FOR A USEFUL WAVEMETER.

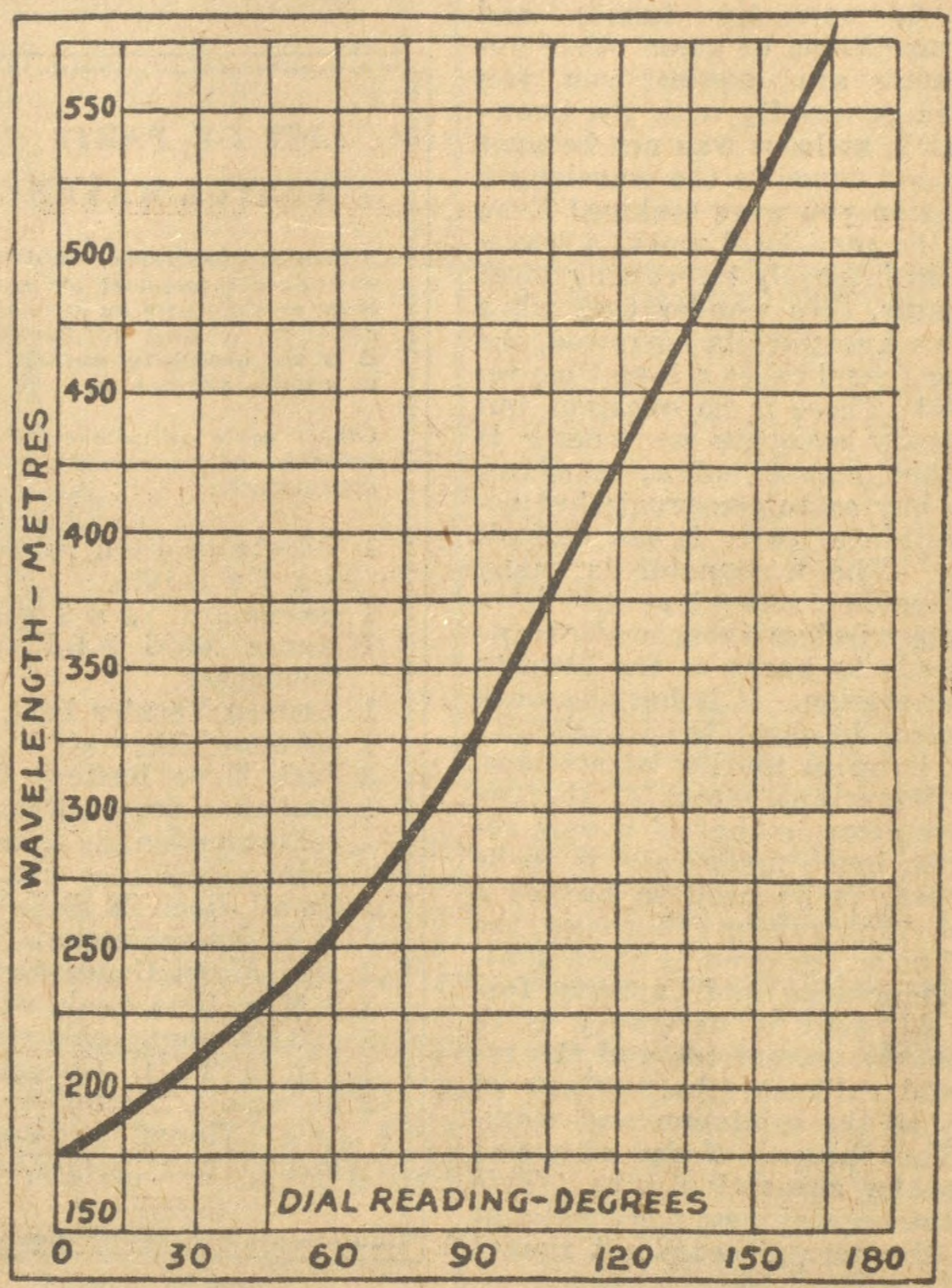
Although the parts listed below and mentioned throughout the articles were those actually used by us in the receiver described, it must be pointed out that it is not absolutely essential that they be rigidly adhered to.

Other parts of similar quality and technical values should function quite satisfactorily.

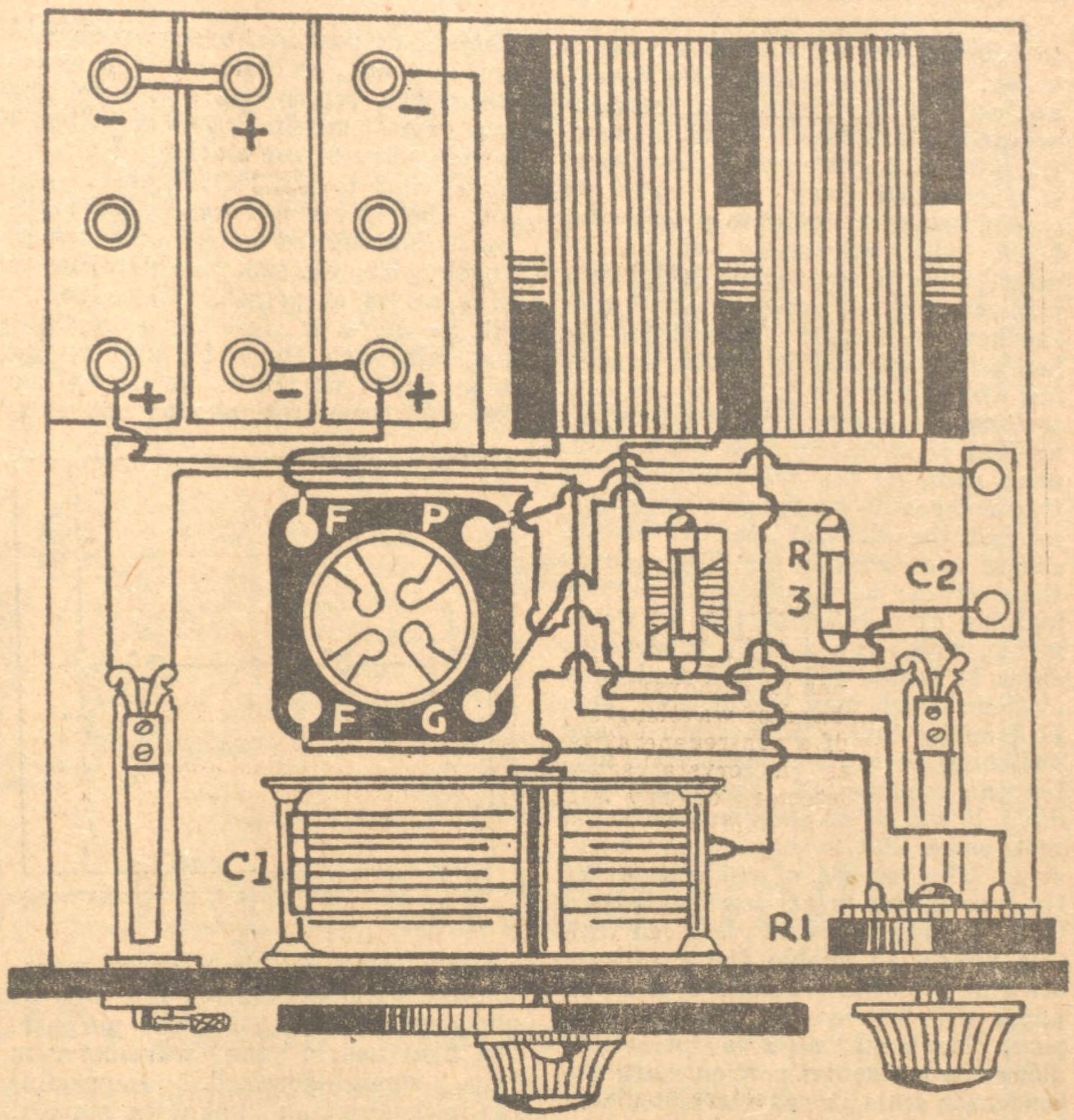
1 Dilecto or hard rubber panel, 8 x 7 x 3-16in.
1 Baseboard, 7½ x 7 x ½in.
1 Karas .0005 S.L.F. Variable Condenser.
1 Emmco Vernier Dial.
1 30 ohm Rheostat.
2 Jack Type Battery Switches.
1 Radiokes Screen Grid Coil, or 1 Former 3in. in diameter and 3½ins. long.
1 Small Reel 28 D.S.C. Wire.
1 U.X. Valve Socket.
1 .001 Fixed Condenser.
1 2 Meg. Grid Leak, with Clips.
1 100,000 ohm. Leak, with Clips.
1 1 mfd. T.C.C. Condenser.
3 4½ volt C Batteries.
16's Tinned Copper Wire
Wood Screws, Solder, etc.

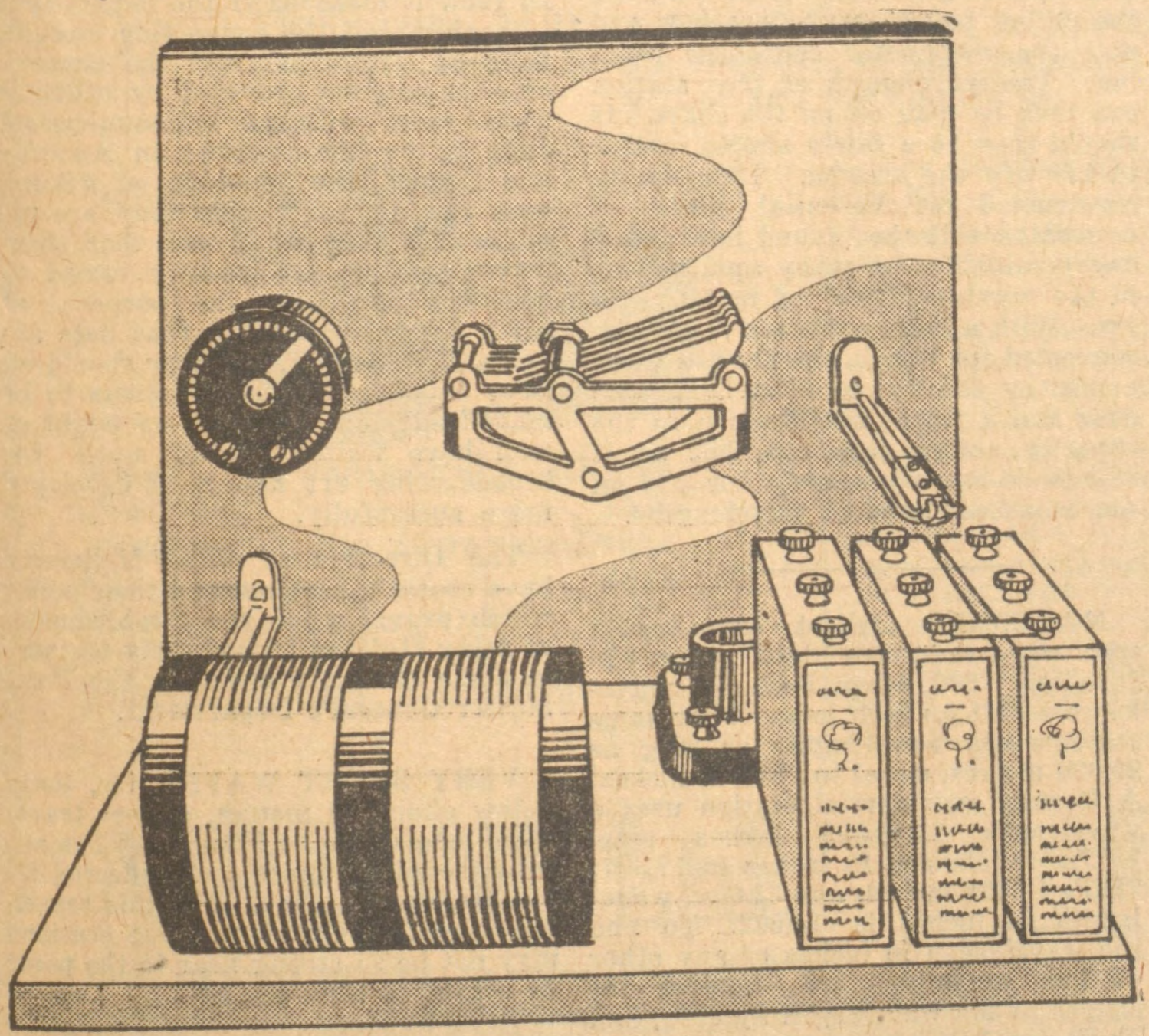


If the receiver is taken out of oscillation, the "beat" note disappears. This shows that an ordinary heterodyne wavemeter has its disadvantages on the broadcast band of wavelengths, for the checking of a non-regenerative receiver, such as a crystal set—straight valve detector, or any set not making use of reaction. For efficient operation then, the wavemeter must be able to produce audio oscillations in addition to high frequency oscillations in order to be audible with such a receiver. In other words it must be capable of suiting all types of receivers to justify its construction and use. In the wavemeter described here, this is done in a very simple but effective manner. An audio frequency howl is generated by the use of a high capacity grid condenser and leak. How many readers have suffered from this symptom? At last the trouble has been traced to an inoffensive looking little grid leak! Now we make good use of this hitherto undesirable feature! The result of the application of grid leak "howl" is a wavemeter which is suitable for any type of wireless receiver in use on the broadcast band of wavelengths. The circuit diagram given will show how this is done. The grid condenser is of a higher capacity than is normally required. This is shunted in the usual way by a two megohm grid leak. In addition to this leak is another with a resistance of 100,000 ohms, arranged so that by means of a simple battery switch it can be switched out of "shunt" with the two megohm leak. This produces the howl, which is quite a pleasant note to listen to. Closing the switch allows the wavemeter to generate uninterrupted oscillations. The wavemeter is entirely self contained and when built can be boxed in a small cabinet. The valve used is of the .06 type, and is a UX199, although many other valves are suitable. The filament supply for the valve is from a 4½ volt C battery and the B supply from two of the same batteries in series giving a total of 9 volts. The filament of the valve is controlled by a 30 ohm rheostat to effect the voltage drop to 3 volts. Actually the total B voltage is 13½ volts, which will produce oscillation over the whole of the wavelength scale with the correct type of valve. This wavemeter is designed solely for use on the broadcast band of wavelengths, and so makes use of a fixed coil unit. This unit is very simple to construct, as shown in the diagram, although one of the coils from the Radiokes "screen grid" coil kit will be correct for those who prefer to purchase. A former will be required 3 inches in diameter and 3½ inches in length. There are two separate windings of No. 28 D.S.C. wire spaced half an inch between and each winding consists of 28 turns. The connections are clearly indicated. The former should not be of waxed millboard, but should preferably be of dilecto. When winding the wire, on the former, pull this as tight as possible, otherwise any eventual slackening of the turns will upset the calibration of the wavemeter. Follow the diagrams carefully in the drilling of the panel and the laying out of the components on the baseboard, as there is not too much room to spare. The panel size is 8 x 7 in. and the baseboard 7 x 7½in. A most important feature of the wavemeter is that a thoroughly reliable variable condenser must be used. The one chosen is the Karas. If any other condenser from this is used, be sure to select one of good engineering construction, and accurate capacity. The panel has 4 holes drilled in the positions shown in the template diagram. These are for the variable condenser, the 30 ohm rheostat, the battery switch, and the switch for shunting the 100,000 leak across the 2 meg. leak. This latter switch is placed under the 30 ohm rheostat on the right of the panel in order to keep leads fairly short. Both these switches are of the jack type with a toggle control. The back of



panel diagrams show the disposition of the parts on the baseboard. The valve socket is situated immediately behind the variable condenser, with the grid condenser and attendant leaks on the right. Behind these the coil unit is placed, and on the left, the batteries. It will be seen that the B batteries have their negative joined to the A positive, thus utilising the A battery as inclusive with the B battery. A one microfarad condenser is by-passed across the whole. An important point to note is that when the vernier dial is fitted to the condenser spindle, the position of the locking screw on the spindle should be marked and a small hole drilled in the spindle to take the screw for the fixing of the vernier dial. This procedure will ensure that there is no possible slip between the dial and the condenser, which would be disastrous once the wavemeter is calibrated. There are many good vernier dials on the market suitable for the purpose, and the Emmco is recommended. The wiring should be carried out with No. 16's tinned copper wire, as if flexible wire of any kind is used, and this is by any means disarranged, this will also upset ultimate calibration. No terminals are required, as the wavemeter is self contained. The batteries are secured to the baseboard by two strips of leather or even insulating tape. Link together the positive and negative of the two batteries for the B supply and then join the B negative to the positive terminal of the A battery. A wire is now run to one

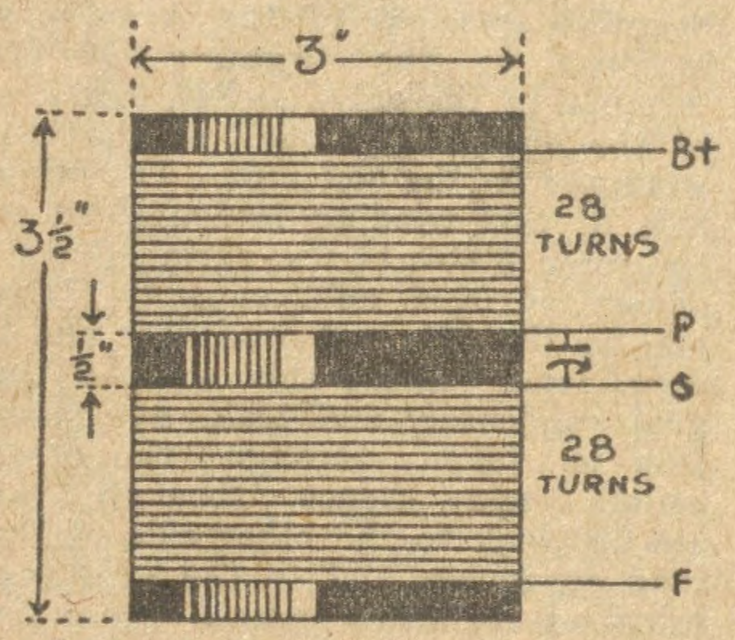




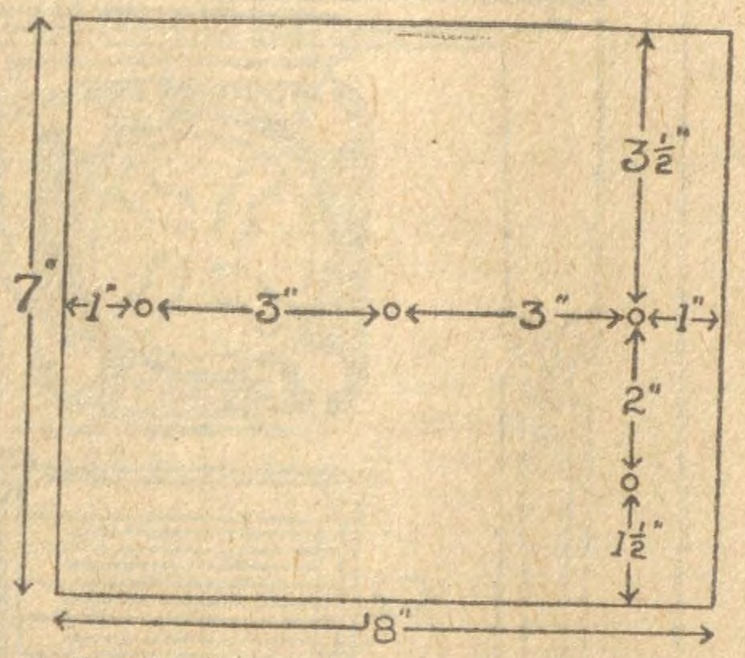
side of the filament switch on the left hand side, and through this to the moving arm of the 30 ohm. rheostat, the other side of this rheostat being connected to the positive filament terminal of the valve socket. The A negative terminal of the A battery is joined to the negative filament terminal of the valve socket, and also to the outside of one of the two windings on the coil unit. The other side of this winding is connected to the rotor plates of the variable condenser of 0005 mfd. capacity, and also to the 001 grid condenser and 2 meg. leak. From this side of the grid condenser, and leak, a connection is taken through the other switch and thence through the 100,000 leak to the other side of the grid condenser and to the grid terminal of the valve socket. From the B positive terminal of the B battery, connection is made to the outside of the opposite winding on the coil unit and the other side connected to the stator plates of the condenser. and to the plate terminal of the valve socket. The one microfarad condenser is connected across the B positive and A negative terminals of the batteries.

The coil unit together with the 0005 variable condenser will give you a wavelength range from about 170

to 550 metres. To test the wavemeter, place the valve in the socket, and set the rheostat at the "just on" position, and switch on the filament. Keep the dial setting of the condenser at about half way and open the second switch in order to produce the howl. The wavemeter should be placed close to the aerial lead of your receiver, and the receiver tuned until the howl is heard. The test for the heterodyne method is similar excepting that the switch is left closed, controlling the second grid leak. This method of checking calls for a little more care, as the "carrier wave" of the meter will be found very sharp, so that the dial of the wavemeter should be rotated slowly. The instructions given are sufficient for the building of a desirable type of wavemeter, which can also be used as a check to enable you to find again any stations which may be tuned in. This is done by tuning in a station and switching on the wavemeter and noting the reading of the wavemeter dial. It will be an easy matter to find that same station on another occasion. The method of calibration of the wavemeter next demands attention. An example chart is given with this article to enable the reader to draw up his own. A sheet of squared paper will be required for the purpose. Mark off a zero point and along the horizontal portion mark the condenser scale in degrees which will be 0 to 100 or 0 to 180, as the case may be. The vertical portion is plotted in metres from 150 to 550. The larger the chart the more accurate the calibration. It must be understood that the chart illustrated is given as an example and must not be



taken as a standard for the reader's wavemeter. No doubt the reader's chart will be very similar if these constructional details are followed. The most satisfactory way of calibrating a wavemeter is by checking it against a friend's which is already calibrated. If you are unable to borrow a wavemeter, the procedure is quite simple. Placing the blank chart before you tune in as many known stations as possible. and as each station is found, switch on the wavemeter and rotate the dial until the note or beat note is produced with the carrier wave of the station. Make an adjustment to the "silent point" and note the wavemeter condenser reading. Making reference to a wavelength table, you will be able to mark off a series of points. These points will lie more or less in a straight line, although there is sure to be some slight deviation, owing to the fact that some stations may not occa-



sionally work on their exact wavelengths. The calibration line will be sufficiently accurate for the purpose. The final use of the wavemeter is quite straightforward. Supposing you pick up an unknown station. Switch the wavemeter on and adjust it until the "beat note" is heard. Find the "silent point" on the receiver and note the wavemeter condenser reading. The wavelength of the station can then be read off on the chart. It should then be a fairly simple matter to identify the station. This simply constructed yet essential piece of apparatus will be found interesting and invaluable for many applications in the wireless "Den" of many readers. With a little variation it may be converted for use on the shorter wave bands, by the use of interchangeable coils and a slight modification in the capacity across the coils, but as it stands, is intended solely for use on the broadcast band of wavelengths.

MARCONI'S earliest experiments with wireless waves took place in 1895 and 1896, when he used wavelengths half an inch long. Now some stations use wavelengths as long as 20,000 metres, equal to 787,000 inches! A German commercial station uses a wavelength 1,259,520 inches long. 2FC's wavelength in inches is 17,397; 2BL's 13,894 inches, and 3LO's wavelength in inches is 14,602. To find the wavelength in inches of any other station, multiply the number of metres in the wavelength by 3936, and divide by 100.

About Relay Stations

The Policy of 3LO

By Ray Dio.

THE subject of supplying better service for country listeners is one of renewed interest now that the broadcasting companies are getting together in an endeavour to carry out the Prime Minister's request. One of the reasons for the joining of forces was to provide means for improving the services in the country districts, which are in what is known as the "distortion area" of the station. Some efforts had already been made prior to the Prime Minister's request to establish relay stations. 3LO Melbourne had initiated action to that end over a year ago; but was unable to carry out the intentions owing to delays caused by the Postmaster General's Department. At first that department had no telephone lines available, and then, later on, indicated an intention to carry out some investigations for the purpose of determining the location of the stations. Later on, in reply to emphatic requests for telephone lines, the department said it could not supply them.

Meanwhile the position stands at that. The department has not indicated when the lines can be provided. In fact, it looks as if the department is hoping that the connecting circuits between Braybrook and the country centres may be provided by utilising short wave wireless communication. Judging by the practice in America and Europe, the prospects of getting over the difficulty that way are remote. No one would say that short waves will be sufficiently tamed to behave reliably for the purpose at some future date. But that date appears to be far off, and why should we have to wait for that progress to be made? If that were so, we might as well have waited in 1923 until the broadcasting art had been developed more sucessfully.

The Directors of 3LO Melbourne have recently reannounced their policy which provides for the establishment of relay stations immediately the way is made clear for them by the Postmaster General's Department.

VERY SHORT WAVES, i.e., those below about 50 metres, do not travel along the surface of the earth but are projected into space and reflected by the Heavyside layer. For this reason the signals from short wave stations may not be so strong near to the point of origin as they are at a distance of several hundreds, or even thousands, of miles away.

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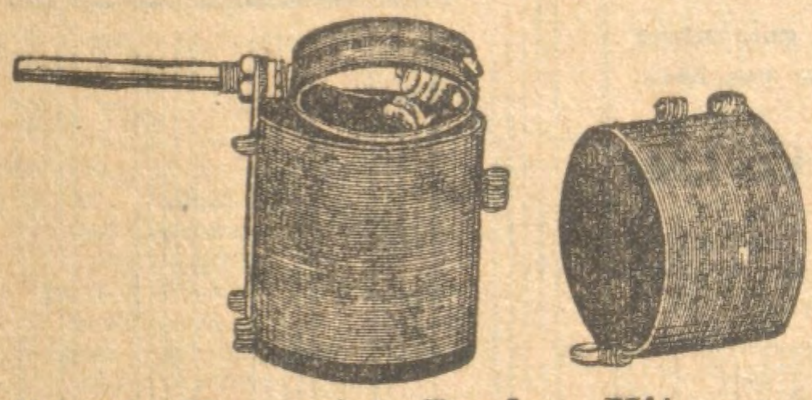

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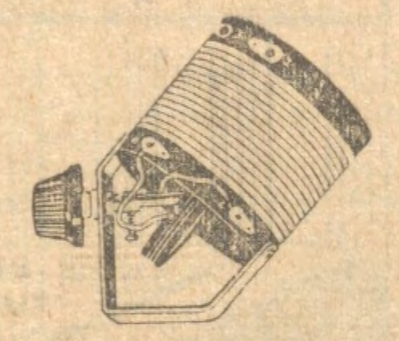

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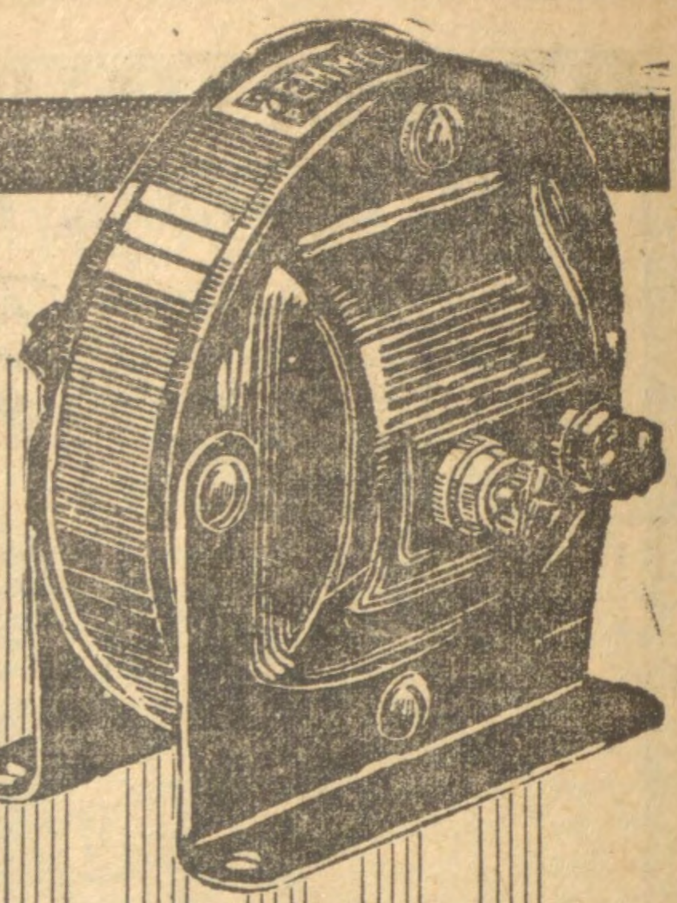


UNIFORM AMPLIFICATION

DESIGN and construction of transformers is given special attention by Electricity Meter Mfg. Co., Ltd., one of the largest manufacturers of transformers and chokes in the world. Last year alone, half a million transformers were manufactured by the Company.

A large sum of money has just been spent upon the installation of a Vacuum Impregnating plant. This treatment absolutely guards against the breaking-down of any of the many styles of Emmco Transformers.

Every particle of moisture is dried out of the coils in a vacuum tank. Enormous pressure is applied to boiling wax, which is forced into every crevice of the coils, preventing both air and moisture reaching any wires.

This makes each Emmco Transformer a perfect insulation job, which, together with the well-known qualities of uniform amplification over all frequencies, makes these Emmco Transformers the finest on the market.

All Emmco Transformers are guaranteed for one year from the date of their purchase.

Electricity Meter Mfg. Co. Ltd.
SYDNEY
AT ALL DEALERS

COMING!

"The Golden Voice"

42/6

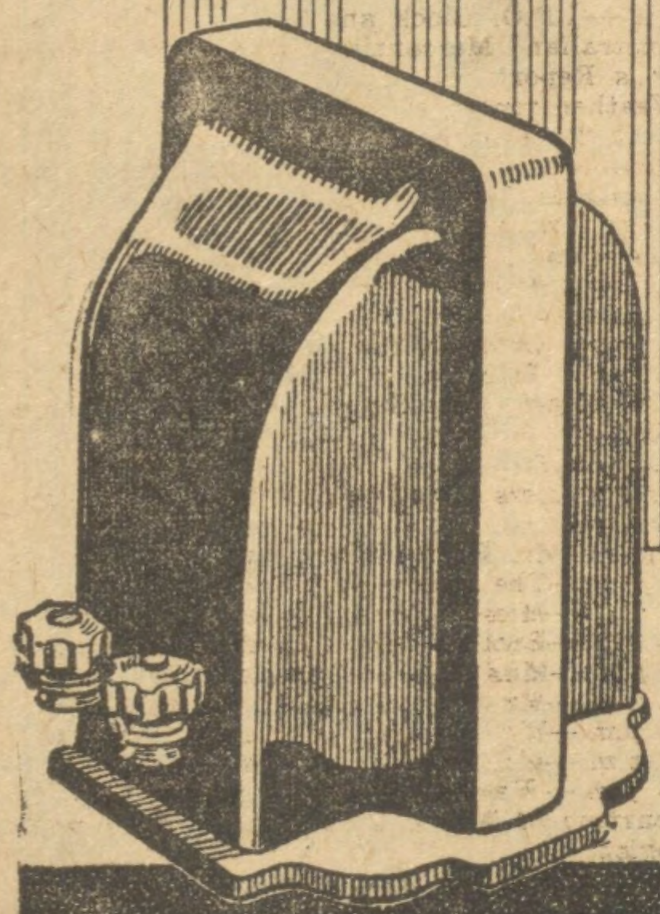
Coming Soon

COMING!

A.C. Transformer.

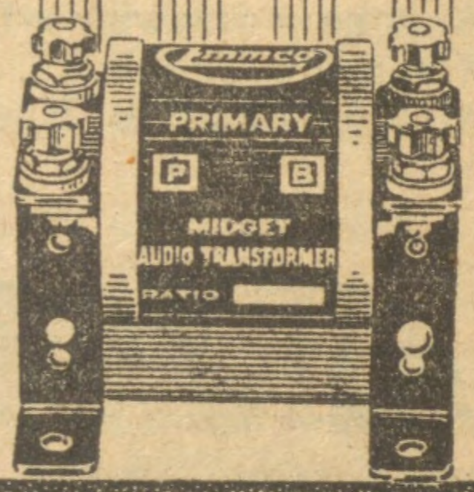
New Line of Chokes

COMING!



CAVALIER TRANSFORMER. Moulded bakelite case. Terminals placed at base to ensure easy wiring. Low core losses. Perfect insulation. Ratios: 2-1, 3½-1 and 5-1. Price 21/-

MIDGET TRANSFORMER. Shielded core. Perfectly insulated windings. High efficiency. Low Price. Ratios: 2-1, 3½-1 and 5-1. .. .. Price 13/9



BROADCASTING PROGRAMMES for the COMING WEEK

Friday, May 18th

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.

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 services.
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.—Agnes MacDiarmid, soprano.
1.40 p.m.—Studio music.
1.55 p.m.—Agnes MacDiarmid, soprano.
2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

3 p.m.—"Big Ben" and programme announcements.
3.5 p.m.—Studio music.
3.15 p.m.—Madame Evelyn Grieg. The art of listening to music.
Talk No. 4. "Listening to an Orchestra."
10.15 a.m.—"Sydney Morning Herald" news service.
3.30 p.m.—Margaret Hunt, soprano:
"The Flutes of Arcady" (William James).
3.35 p.m.—Ewart Chapple, organ solo.
3.40 p.m.—Aldyth Hern. soprano:
"Sing Joyous Bird" (Montague Phillips).
3.45 p.m.—Cliff Hanney, violinist:
"Chant" (Cameron-White).
3.50 p.m.—Phillis Broadbent, soprano:
"Do you know my Garden" (Haydn Wood).
3.55 p.m.—Popular records.
4.5 p.m.—Margaret Hunt, soprano:
"Fairy Cradles" (Molly Carew).
4.10 p.m.—Cliff Hanney, violinist:
"Berceuse" (Faure).
4.15 p.m.—Aldyth Hern, soprano:
"April is a Lady."
4.20 p.m.—Ewart Chapple, Organ solo.
4.25 p.m.—Cliff Hanney, violinist:
"Orientale" (Cesar-Cui).
4.30 p.m.—Studio music.
4.40 p.m.—Cliff Hanney, violinist:
"Polichinelle Serenade" (Kreisler).
4.45 p.m.—Stock Exchange, third call.
4.47 p.m.—Phyllis Broadbent, soprano:
"Sweet Lady Moll" (Montague Phillips).
4.50 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, told by the 2FC Racing Commissioner.
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.
6.47 p.m.—Weather and shipping intelligence.
6.50 p.m.—Studio talk.
7 p.m.—Dinner music.

NIGHT SESSION.

VOCAL AND INSTRUMENTAL.

7.40 p.m.—Pragramme announcements.
7.45 p.m.—W. F. Kay in continuation of his series of theatrical talks will deal this evening with George Musgrove.
8 p.m.—"Big Ben."
An act from the Tivoli Theatre.
8.15 p.m.—From the Studio:
Virginia Bassetti, contralto.
8.23 p.m.—Vladimir Elin, Russian baritone.
8.33 p.m.—Lionel Lawson, violinist.
8.41 p.m.—Goodie Reeve:
Behind the Scenes at Hollywood.
8.56 p.m.—Reginald Hayward, baritone:
(a) "Mountain Lovers" (Squire)
(b) "My Prayer" (Squire).
9.4 p.m.—Late weather forecast.
9.5 p.m.—From the Tivoli Theatre:
Novelty Act.
9.20 p.m.—From the Studio:
Ewart Chapple, pianoforte solo.
9.28 p.m.—Virginia Bassetti, contralto.
9.36 p.m.—Lionel Lawson, violinist.
9.44 p.m.—Vladmir Elin, Russian baritone.
9.54 p.m.—Rev. F. H. Raward will continue his series of talks, "Let's Go Round the World."
10.10 p.m.—Reginald Hayward, baritone:
(a) "Vale" (Kennedy Russell).
(b) "Praise" (Haydn Wood).
10.18 p.m.—Ewart Chapple:
Pianoforte solos.
10.28 p.m.—Late weather forecast.
10.30 p.m.—From the Ambassadors. The Ambassadors' Dance Orchestra, conductor, Al Hammet.
10.57 p.m.—From the Studio:
Late news and to-morrow's programme.
11 p.m.—"Big Ben."
The Ambassadors' Dance Orchestra, conductor, Al Hammet.
11.45 p.m.—National Anthem. Close down.

2BL, SYDNEY.

Broadcaster's Ltd.

Wave Length, 353 Metres.

FRIDAY, 18th MAY, 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 "Croquet" by Miss Gwen Varley broadcasters Women's Sports Authority.
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 report.
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 the studio
4.50 p.m.—News from the "Sun."
4.57 p.m.—Features of evenings 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.
Australian Mercantile Land and Finance Co.'s Report.
Weather report and forecast by courtesy of Govt. Meteorologist.
Producers Distributing Society's Fruit and Vegetable Market report.
Stock Exchange Report.
Grain and 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.
8 p.m.—G.P.O. Clock and chimes.
Broadcasters Topical Chorus, variety programme.
8.3 p.m.—Mr. Roger Jones, baritone.
8.10 p.m.—The Ahad Duo, steel guitars.
8.17 p.m.—Miss Edythe Cowley, soubrette.
8.24 p.m.—Broadcasters Instrumental Trio.
8.31 p.m.—Miss Lily Stewart, soprano.
8.38 p.m.—Mr. Stan Cartnell, comedian.
8.45 p.m.—Mr. Warwick McKenzie, violinist.
8.52 p.m.—Mr. Frank Ryan, entertainer.
8.59 p.m.—Weather report and forecast by courtesy of Mr. C. J. Mares, Govt. Meteorologist.
9 p.m.—G.P.O. Clock and chimes.
The sporting editor of the "Sun" will talk on the prospects of Saturday's racing.

9.15 p..m—Mr. Roger Jones.
9.22 p.m.—The Ahad Duo.
9.29 p.m.—Miss Edythe Cowley.
9.36 p.m.—Broadcasters Instrumental Trio.
9.43 p.m.—Miss Lily Stewart.
9.50 p.m.—Mr. Stan Cartnell.
9.57 pm..—Mr. Warwick McKenzie.
10.4 p.m.—Mr. Frank Ryan.
10.11 p.m.—Resume of following day's programme.
10.15 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.

2GB, SYDNEY

Theosophical Broadcasting Service.

Wave Length, 316 Metres.

FRIDAY, 18th MAY, 1928.

MORNING SESSION.

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

AFFTERNOON SESSION.

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

EVENING SESSION.

6.30 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.
7.30 p.m.—Talk.
8 p.m.—Opening Chorus.
8.2 p.m.—Pianoforte solos by Miss Ada Brook.
8.15 p.m.—Address.
8.30 p.m.—Songs by Mr. Harold Cobb.
8.37 p.m.—Violin Solos by Mr. Dan Scully.
8.46 p.m.—Songs by Miss Florence Gordon.
8.53 p.m.—Humorous Recital by Mr. Heath Burdock.
9.31 p.m.—Songs by Mr. Harold Cobb.
9.20 p.m.—Violin Solos by Mr. Dan Scully.
9.28 p.m.—Music from Hoyt's de Luxe Theatre.
9.52 p.m.—Songs by Miss Florence Gordon.
9.48 p.m.—Humorous Items by Mr. Heath Burdock.
10 p.m.—Close down.

2 UW, SYDNEY

Sandel Radio, Ltd.

Wave Length, 267 Metres.

FRIDAY, 18th MAY, 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.—Dance music.
8.10 p.m.—News, mails and shipping.
8.25 p.m.—Vocal and instrumental items.
8.50 p.m.—Weather report.
8.53 p.m.—Request numbers.
9.10 p.m.—Orchestral and dance music.
10 p.m.—Close down.

3LO, MELBOURNE

Broadcasting Co. of Aust.

Wave Length, 371 Metres.

FRIDAY, 18th MAY, 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.
8.0 a.m.—Melbourne Observatory Time Signal.
8.1 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.
10.0 a.m.—Transmission from Agricultura. Show Ground, Flemington:
35th Annual Conference of the Australasian Butter and Cheese Factories' Association. Discussion on the basis of Cream Payments —Butter Fat versus Commercial Butter."
3LO's Culinary Counsels on How to Create Creature Comforts with a Minimum of Cost.

CHEESE STRAWS.

11.0 a.m.—
3oz. flour.
2oz. cheese.
1oz. butter.
Cayenne.
Salt.
1 egg.
Squeeze lemon juice.

METHOD: (1) Sift flour and salt. (2) Rub in butter and beat up egg. (3) Add cheese, cayenne and lemon juice. (4) Mix all stiffly with egg. (5) Turn on to floured board, knead slightly and roll out thin. (6) Have ready warm greased oven-sheet. (7) Cut cheese mixture into strips and rings. (8) Bake in moderate oven 7 to 10 minutes. (9) Do not let them brown at all. (10) When cold put 4 or 5 strips in each ring and serve on dainty d'oyley on small plate at end of dinner.

AIDS TO SUCCESS IN COOKING

CHARACTERISTICS OF GOOD MEAT.

The relative economy of one joint to another is in the proportion of lean to fat tissue, and both to the weight of bone.

Lamb or Veal.—There is not so much nutriment in these as in the more mature meats—still they make an agreeable change. Sucking pig is exceedingly rich and delicate in flavor. Fresh Pork is much fatter than, and not so nourishing as, an equal quantity of beef or mutton.

11.5 a.m.—J. HOWLETT ROSS:
"Mark Twain on Babies."
11.20 a.m.—Musical Interlude.
11.25 a.m.—"AU FAIT."
"Shopping Abroad."
11.40 a.m.—Musical Interlude.
11.45 a.m.—MRS. M. CALLAWAY MAHOOD:
The use and arrangement of Flowers.

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.
12.20 p.m.—THE GYPSY PLAYERS:
"Rise of Rosie."
12.30 p.m.—OLIVER PEACOCK, Baritone:
"I'm a Wantin' You" (Fowler).
"Sylvia" (Oley Speaks).
12.37 p.m.—Stock Exchange Information.
12.40 p.m.—DOROTHY ROXBURGH, Viola:
"Scherzo from 'Cello Sonata, Op. 69."
12.47 p.m.—RUPERT HAZELL AND ELSIE DAY:
"Harmonylarity."
1.0 p.m.—Melbourne Observatory Time Signal.
1.1 p.m.—THE GYPSY PLAYERS:
Trio, "Who Knows" (Ball).
Irish Air from County Derry (Fisher).
1.10 p.m.—Meteorlogical Information; Weather Forecast and Rainfall for Victoria, Tasmania, South Australia and New South Wales; Ocean Forecast; River Reports; Stock Exchange Information.
1.17 p.m.—HELGA BRENNECKE, 'Cello:
"Largo" (Chopin).
"Priere" (Squire).
1.24 p.m.—OLIVER PEACOCK, Baritone:
"Elegie" (Massenet).
"The Garden of Yesterday" (Kahn).
1.31 p.m.—THE GYPSY PLAYERS:
"Scenes of Childhood" (Holz).
1.40 p.m.—Close Down.

AFTERNOON SESSION.

2.15 p.m.—THE STATION ORCHESTRA:
Selection, "The Girl Friend" (Rodgers).
2.25 p.m.—Announcements.
2.30 p.m.—ERNEST ORAM AND THE TIVOLI THEATRE ORCHESTRA: Part 1 OF TIVOLI PROGRAMME (by permission J. C. Williamson, Tivoli Vaudeville Pty., Ltd.).

FROM THE STUDIO.

3.30 p.m.—FRANCES FRASER:
"Travels With Gulliver."
Dean Swift has made Gulliver so real to us that we almost think of him as an actual traveller instead of the creation of a fertile brain. Swift's genius shows itself in this deadly satire against the shams of the world, yet the telling of it is so direct that children can regard it as a fairy tale.
3.45 p.m.—THE STATION ORCHESTRA:
Selection, "The Pirates of Penzance."
3.55 p.m.—MINA HESELLVA, Soprano:
"Ave Maria," with Violin Obligato by Chas. Taylor (Gounod).
"The Star" (Rogers).
4.2 p.m.—WILL PAGE, Xylophone Solo:
"Sparks."
4.7 p.m.—THE STATION ORCHESTRA:
"Festival Dance—Valse of the Hours."
"Czardas from the Ballet Coppelia" (Delibes).

ORGAN RECITAL.

4.15 p.m.—C. E. MONTEATH, transmitted from St. Peter's Church, Eastern Hill.
Fantasia in G Minor (J. S. Bach).
"Evening Prayer" (Hansel and Gretel), (Humperinck).
"Prelude in C sharp minor" (Rachmaninoff).

FROM THE STUDIO.

4.35 p.m.—MINA HESELEVA, Soprano:
"Theme and Variation," with Flute Obligato by J. Barrielle (Proch).
"Desire" (Chopin).
4.42 p.m.—Special Weather Report from Adelaide for Mildura district.
4.43 p.m.—THE GYPSY PLAYERS:
Selection, "Iolanthe."
Selected.

NEWS SESSION.

5.0 p.m.—"Herald" News Service; Stock Exchange Information.
5.15 p.m.—Close Down.

EVENING SESSION.

6.0 p.m.—Answers to Letters and Birthday Greetings by "BILLY BUNNY."
6.20 p.m.—CAPT. DONALD MacLEAN:
The Spanish Conquests.
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 AND MARKET REPORTS.

7.0 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. Results of Public School Championships.

NIGHT SESSION.

7.30 p.m.—Under the Auspices of the Department of Agriculture:
S. G. HARRIS, Senior Potato Inspector, will speak on:
"Potato Grading."
7.45 p.m.—C. J. Williams will talk on:
"To-morrow's Stadium Event."
7.55 p.m.—COLLINGWOOD CITIZENS' BAND:
March, "Knellerhall."
Overture, "Light Cavalry."
8.5 p.m.—GORDON JAMES, Baritone:
"The Song of Mephistopheles—The Song of the Flea" (Massorgsky).
"Boat Song" (Harriet Ware).
8.11 p.m.—Under the auspices of the League of Nations—Good-will messages will be broadcast.
8.12 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."

8.22 p.m.—COLLINGWOOD CITIZENS' BAND:
Selection, "Voctacio."

OUT OF THE PAST.

8.30 p.m.—To-day is the anniversary of the Relief of Mafeking in 1900 by Col. Mahon, after holding out since October, 1899, against the Boers.

CAMP-FIRE CONCERT COMPETITION.

8.32 p.m.—CONCERT PROGRAMME BY THE ALBERT PARK SEA SCOUTS.
GETTING UNDER WAY IN AN OLD-TIME SHIP.
8 Bells. Salute the Flag.
Crew wanted to man the good ship 3LO.
1 Bell. Master Reads Articles—All Aboard. Man the Capstan.
Anchor Shanty: 'We're Homeward Bound."
Order—Set course—Full and by.
Hoist Fore Topsail.
Shanty: "Bound for Rio Grande."
2 Bells. Order. Hoist Main Topsail.
Shanty: "Blow, Boys, Blow."
3 Bells—Hoist Mainsail.
Shanty: "In Amsterdam."
Also Sweat up Shanty, "Haul Away Joe."

DOG WATCH CONCERT.

Four Bells.
Violin Solo.
"Sons of the Sea and Chorus."
Recitation.
Mouth Organ Solo:
"Heligoland."
"The Cooks Yarn with Chief Officer."
Five Bells.
Land Ahead.
Back Your Main Yard.
Shanty, "Walk Away."
"Hic Hoc and Up She Rises."
Six Bells.
Crew Up Aloft and Below.
Seven Bells.
"Good Night, Ladies."
All Ashore.
God Save the King.
Commissioner: Thomson Fowler.
Accompanist: Mrs. Fowler.

8.57 p.m.—COLLINGWOOD CITIZENS' BAND:
Intermezzo, "Cavallera Rusticana."
Barcarolle, "Tales of Hoffman."

9.7 p.m.—GORDON JAMES, Baritone:
"The Pauper's Druve" (Sidney Homer).
"From Inverness to Fell" (Howard Fisher).

9.14 p.m.—COLLINGWOOD CITIZENS' BAND:
March, "The Fighting Brigade."
Novelty, "Sliding Jim."

PIANO RECITAL.

9.20 p.m.—WILLIAM G. JAMES:
1. "Polonaise A Major" (Chopin).
2. "Danse de la Poupee" (Debussy).
3. "First Movement Concerto F Minor" (Arensky).
Second Piano: Miss Fortune.

9.40 p.m.—ERIC WELCH, will speak on:
"To-morrow's Races."

AN ORCHESTRAL CONCERT.

9.50 p.m.—THE STATION ORCHESTRA:
Selection, "The Student Prince."

10.0 p.m.—OLIVER PEACOCK, Baritone:
Request Items.

10.7 p.m.—COLLINGWOOD CITIZENS' BAND:
Fox-trots.

10.17 p.m.—OLIVER PEACOCK, Baritone:
"Pale Moon," with Orchestral Accompaniment.
Selected.

10.24 p.m.—THE STATION ORCHESTRA:
Overture, "Zampa."

10.35 p.m.—NEWS SESSION.

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

11.0 p.m.—OUR GREAT THOUGHT:
"Laugh and be merry, remember, in olden time,
God made Heaven and Earth for joy He took in a rhyme,
Made them, and filled them full with the strong red wine of His mirth
The splendid joy of the stars; the joy of the earth.
So we must laugh and drink from the deep blue cup of the sky
Join the jubilant song of the great stars sweeping by.
Laugh, and battle, and work, and drink of the wine outpoured.
In the dear green earth the song of the joy of the Lord."
—John Masefield.

LET'S FOOT IT FEATLY.

11.1 p.m.—THE VAGABONDS:
11.40 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

Associated Radio Co.

Wave Length, 484 Metres.

FRIDAY, 18th MAY, 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.
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:
Selection: "Bombo" (Romberg).
"Spanish Dance" (Sarasate).
"Dreams of Yesterday" (Humphries).

2.48 p.m.—Miss Lilian Paton, soprano:
"Soul of Meme" (Ethel Barnes).
"Love I have won you" (Landon Ronald).

2.56 p.m.—Melbourne Concert Orchestra:
Selection of Popular Songs (H. Lohr).
"Chant d'Amour" (Frommel).

3.11 p.m.—Mr. Ken Code, trombone:
"Adelaide" (Beethoven).

3.15 p.m.—Miss Lilian Paton, soprano:
"Hindoo Song" (Bemberg).
"What is life to me" (Gluck).

3.22 p.m.—Ayarz Dansonians:
Fox trot, "The Birth of the Blues" (Henderson).
Waltz, "The song is ended" (Berlin).

3.30 p.m.—Announcements.

3.35 p.m.—A talk by Miss Stephanie Taylor on "Everyday Art."

3.45 p.m.—Melbourne Concert Orchestra:
"The Arabian Dances" (Ring).
"Love's enchantment" (Varley).
"Romance" (Sibelius).

4 p.m.—G.P.O. Clock says "Four."
4.1 p.m.—Second Weather forecast.

4.3 p.m.—Mr. Bernard Thomas, tenor:
" A May morning" (Weatherley).
"Last rose of Summer" (Moore).

4.11 p.m.—Ayarz Dansonians:

4.27 p.m.—Mr. William Whittingham, violin:
"Two Russian Melodies" (Kreisler).

4.32 p.m.—Mr. Bernard Thomas, tenor:
"Lolita" (Buzzi-Peccia).
"Parted" (Tosti).

4.40 p.m.—Melbourne Concert Orchestra:
"Four Dances from the Rebel Maid" (Phillips).

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.

7.15 p.m.—Health Session. Mr. George Beattie, Principal of the Beattie College of Physical Culture, on "Physical Fitness."

7.30 p.m.—Sport Session. "Harlequin" presents his budget of news and comments of 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" (C. M. von Weber)
"Intermezzo and Barcarolle" from the Contes d'Hoffman (Offenback).

8.15 p.m.—Miss Mae Seaton, soubrette:
"Baby Feet go Pitter, patter" (Gus Kahn).
"Drifting and Dreaming" (Gillespie).

8.21 p.m.—Ayarz Dansonians:

8.37 p.m.—Miss Ethel Brearley, piano:
"The Wild Rose" (Schubert).
"Cradle Song" (Schubert).

8.43 p.m.—Miss Mae Seaton, soubrette:
"Under the Moon" (Snyder).
"Positively, absolutely" (Herbert).

8.50 p.m.—Announcements.

9.2 p.m.—Melbourne Concert Orchestra:
"Scenes from the South" (Nicode).
"Scene Passionee" (Becce).
"Poeme" (Franz Drdla).

9.16 p.m.—Mr. Herbert Pettifer, violin:
"Bolero" (Bohm).

9.22 p.m.—Mr. Fred Marriott, baritone:
"Kings of the Road" (Bevan).
"The Skipper" (Jude).

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:
Selection, "The Maid of the East" (Neale).
"By the Lake of Geneva, Part 2" (Bendel).

10.23 p.m.—Mr. Fred Marriott, baritone:
"Out on the Deep" (Lohr).
"Little Irish Girl" (Lohr).

10.31 p.m.—Ayarz Dansonians:

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, "Fernshaw" Blacks' Spur by Marion Miller Knowles.

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

4QG, BRISBANE.

Queensland Radio Service.

Wave Length, 385 Metres.

FRIDAY, 18th MAY, 1928.

MORNING SESSION.
10.30 a.m. to 11.30 a.m.

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 signal.
2 p.m.—Close down.

AFTERNOON SESSION.

Programme of music by the Studio Orchestra

3.30 p.m.—Fantasia:
"Gems from the Overtures" (arr. Makie Beyer).

3.38 p.m.—Valse:
"Murmuring Winds" (Hall).

3.45 p.m.—Novelette:
"Cupidietta" (Moses-Tobani).

3.51 p.m.—Valse Caprice:
"May Breezes" (Leslie).

3.57 p.m.—Melodie:
"Souvenir de Venice" (Quinn).

4.5 p.m.—Clarinet air varie:
"Shower of Gold' '(Bouillon).
Mr. C. Hansen.

4.12 p.m.—March:
"The Hikers" (Weidt).

4.18 p.m.—"Telegraph" news service.
4.25 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.—From The Paris Cafe:
Dinner music.

6.28 p.m.—From the Studio:
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.
7.40 p.m.—Announcements.
7.43 p.m.—Standard time signals.
7.45 p.m.—To-morrow's racing reviewed.

NIGHT SESSION.

8 p.m.—National Anthem.

8.1 p.m.—Fantasia:
"Gems from the Operas" (arr. Makie Beyer).
The Studio Orchestra (conductor, A. Featherstone).

8.9 p.m.—Ten minutes with Henry Lawson.

8.20 p.m.—Soprano solo:
"The Stars Have Eyes" (Sanderson).
"Break o' Day" (Sanderson).
Miss Jean McDougall.
8.29 p.m.—Half-hour's fun by Billy Maloney, assisted by Miss Dulcie Maloney and Miss Eileen Cusack.
9 p.m.—Metropolitan forecast.
9.1 p.m.—Valse:
"Murmuring Winds" (Hall).
9.8 p.m.—Contralto Solo:
"Slumber Sea" (Chrisholm).
Miss Jessie McDonald.
9.13 p.m.—Novelette:
"Cupidietta" (Moses).
The Studio Orchestra.
9.18 p.m.—Tenor Solo:
"Garden of My Heart" (Ball).
Mr. Gerald Cashman.
9.22 p.m.—Valse Capria:
"May Breezes" (Leslie).
The Studio Orchestra.
9.28 p.m.—Contralto solo:
"My Heart is Weary" (Thomas).
Miss Jessie McDonald.
9.33 p.m.—Melodie:
"Souvenir de Venice" (Quinn).
The Studio Orchestra.
9.39 p.m.—Tenor Solo.
"In the Garden of To-morrow" (Deffier).
Mr. Gerald Cashman.
9.43 p.m.—Clarionet air:
"Shower of Gold" (Bouillow).
Soloist Mr. C. Hansen, accompanied by the Studio Orchestra.
9.50 p.m.—March:
"The Hikers" (Weidt).
The Studio Orchestra.
9.55 p.m.—The "Daily Mail" news.
10 p.m.—Weather information.
10.5 p.m.—Close down.

5CL, ADELAIDE.

Central Broadcasters, Ltd.

Wave Length, 395 Metres.

FRIDAY, 18th MAY, 1928.

MIDDAY SESSION.
12 noon to 2 p.m.

AFTERNOON SESSION.

3 p.m.—G.P.O. Chimes.
3.1 p.m.—Musical numbers from the studio.
3.30 p.m.—Menu talk by "Homelover."
4 p.m.—G.P.O. Chimes.
4.1 p.m.—Musical numbers from the studio.
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.
6.30 p.m.—Dinner Music from the Studio.
7 p.m.—G.P.O. Chimes.
7.1 p.m.—General Market reports by A. W. Sandford and Co., A. E. Hall and Co., Dalgety and Co., S.A. Farmers Co-operative Union, Taylor Bros., Retail Grocers' Association, Interstate Fruit and Produce Market Co., Ltd.
7.8 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
7.10 p.m.—"Windbag's" Sporting service.
7.18 p.m.—Football talk by "High Mark."
7.30 p.m.—Relay from Malcolm Reid and Co.'s showrooms, selections by Malcolm Reid and Co.'s Orchestra.
7.45 p.m.—Talk arranged by the Agricultural Department.
8 p.m.—G.P.O. Chimes.
8.1 p.m.—Malcolm Reid and Co.'s Orchestra.
8.15 p.m.—Fred Williamson, tenor.
8.22 p.m.—Malcolm Reid and Co.'s Orchestra.
8.36 p.m.—Fred Williamson, tenor.
8.39 p.m.—The Harmony Trio, instrumental selections.
8.45 p.m.—Irene Bald, soprano.
8.51 p.m.—Malcolm Reid and Co.'s Orchestra.
9.1 p.m.—Meteorological information, weather forecast.
9.2 p.m.—Dalgety's wheat report.
9.3 p.m.—International News.
9.10 p.m.—Harmony Trio.
9.17 p.m.—Irene Bald, soprano.
9.20 p.m.—Harmony Trio.
9.24 p.m.—H. W. Durdin, baritone.
9.31 p.m.—Harmony Trio.
9.36 p.m.—Polly McIntosh, contralto.
9.43 p.m.—Harmony Trio.
9.48 p.m.—H. W. Durdin. baritone.
9.51 p.m.—Harmony Trio.
9.56 p.m.—Polly McIntosh, contralto.
10.1 p.m.—"Advertiser" news service.
10.8 p.m.—Wireless Shipping contacts.
10.10 p.m.—"Windbag's" Sporting Service.
10.20 p.m.—Harmony Trio.
10.24 p.m.—Relay from Glenelg, The Maison Dance Band.
10.55 p.m.—Station Announcements 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, 18th MAY, 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.

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.—Racing talk by the Sporting editor of "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.
Items by the Misses Mason and De Boulay, Instrumental Duo, of the s.s. Katoomba.
9.35 p.m.—Health talk by Mr. H. S. Hatton, Principal of Hatton's Physical Culture School.
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 MERTE 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, 18th MAY, 1928.

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

AFTERNOON 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.
4.15 p.m.—Educational Talk.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

6.30 p.m.—Uncle Mac's Entertainment.
An hour of music, Song and Story for all Uncle Mac's nephews and nieces all over Australia and New Zealand.

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.
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.—Broadcast by Direct wire from Lyceum Club Hobart: Weekly Lecture.
Concert from the Studio:
Miss Elsie Lampkin, soprano.
Miss Beryl Soetrine, soprano:
Miss Leila Read, accompanist.
Mrs. M. Green, soprano.
Mr. Harry Foster, baritone.
Mr. J. Broadbent, baritone.
9.40 p.m.—British Official Wireless News.
9.50 p.m.—"Mercury" Special Interstate News Service.
Ships within Wireless Range.
Tasmaniasn District Weather reports.
9 p.m. Weather reports.
Travellers week-end information.
Tasmanian District Weather reports.
Station Announcements.
Saturday's Programme.
10 p.m.—Close down.

Saturday, May 19

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 p.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 p.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 SESSION.

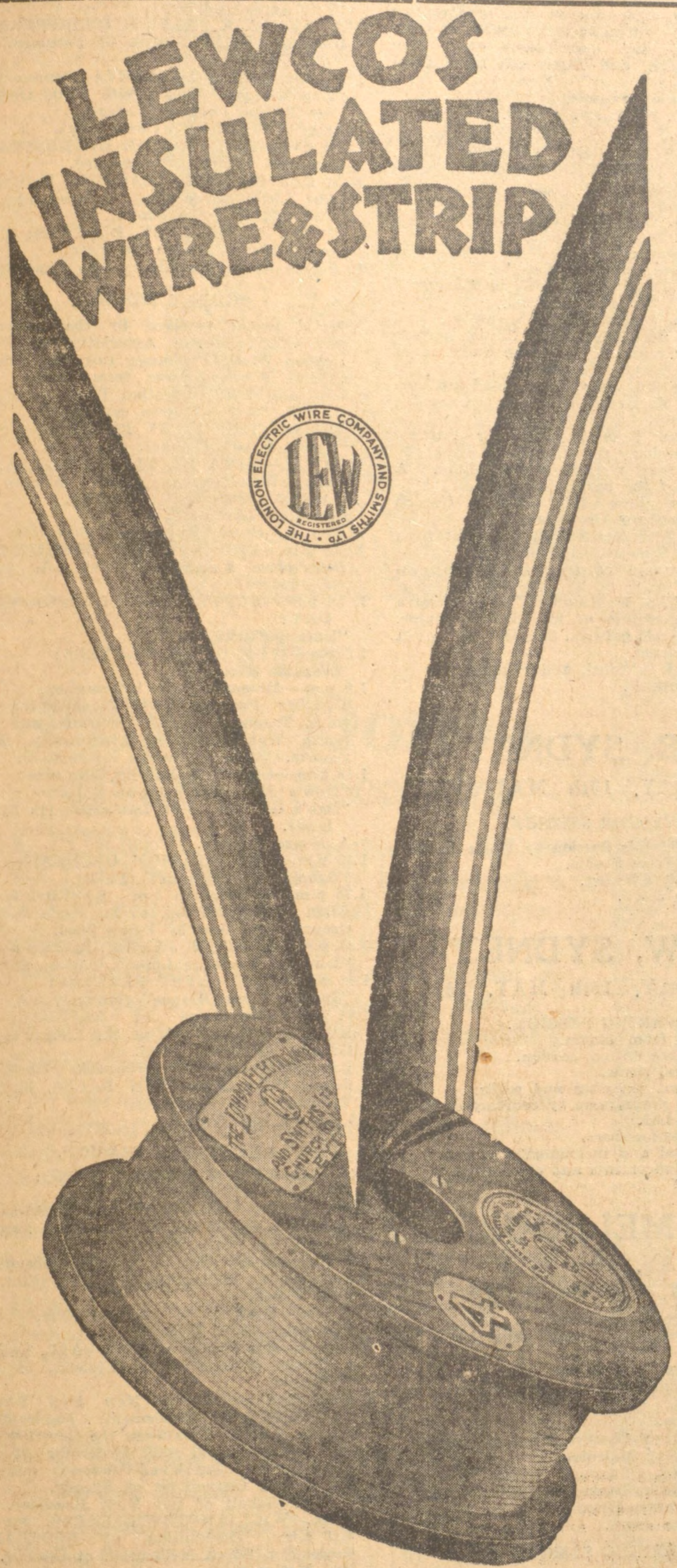
12 noon.—"Big Ben" and announcements.
12.2 p.m.—Stock Exchange information.
12.3 p.m.—Studio Music.
12.10 p.m.—"Sydney Morning Herald" summary.
12.15 p.m.—Rugby wireless news.
12.20 p.m.—Studio Music.
1 p.m.—"Big Ben." Weather intelligence.
1.3 p.m.—"Evening News" midday news service.
1.15 p.m.—Studio Music.
2 p.m.—"Big Ben."

FROM RANDWICK RACECOURSE.

A description of events in the running of the TATTRSALL'S CLUB CUP MEETING at Randwick will be described by the 2FC Racing Commissioner.

During racing intervals the following musical items will be given from the studio:

The "SMART SET" INSTRUMENTAL TRIO, popular numbers. Nancye McGilchrist, violinist; Peggy Shaw, soubrette.
(a) "I'll be lonely" (Woods).
(b) "The song is ended" (Berlin).
(c) "Breeze" (Goodwin and Hanley).
(d) "Together we live" (Berlin).



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"Lewcoflex," various colours.

Genuine "Lewcos" Solodyne Kits will arrive during June, book ahead, stock limited.

THE LONDON ELECTRIC WIRE CO. & SMITHS LTD.

Have now opened an Australian office in conjunction with their Associated Company.

THE LIVERPOOL ELECTRIC CABLE CO. LTD.,

187 CLARENCE STREET. SYDNEY

4.45 p.m.—From the Studio:
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.

RUSSIAN ORCHESTRA.

7.40 p.m.—Programme announcements.
7.45 p.m.—Captain Fred Aarons will give his final talk of the series, "Roaming the Papua." Subject: Chilian Sidelights.
8 p.m.—"Big Ben."
Sydney Calland, baritone.
8.8 p.m.—Eileen Boyd, contralto.
8.16 p.m.—The Ballalaika Orchestra. A combination of 20 players playing the Russian national instrument.
8.26 p.m.—Gwladys Fimister, soprano.
8.34 p.m.—Frank McEachern, bass:
(a) "Cheerily, Heo, Ho" (Phillips).
(b) "Out on the Deep" (Lohr).
8.42 p.m.—The Ballalaika Orchestra.
8.52 p.m.—Sydney Calland, baritone.
9 p.m.—"Big Ben." Late weather forecast.
9.1 p.m.—From the Ambassadors. The Ambassadors' Dance Orchestra, conductor, Al Hammet.
9.10 p.m.—Eileen Boyd, contralto.
9.18 p.m.—John Dellore, tenor:
(a) "When the stars were brightly shining" (Puccini).
(b) "Serenade" (Schubert).
9.26 p.m.—The Ballalaika Orchestra.
9.36 p.m.—Charles Lawrence, entertainer.
9.44 p.m.—Gwladys Fimister, soprano.
9.52 p.m.—From the Ambassadors. The Ambassadors' Dance Orchestra.
10 p.m.—"Big Ben." Frank McEachern, bass:
"Ould Plaid Shawl" (Haynes).
(b) "The Living God" (O'Hara).
10.8 p.m.—From the Studio:
The Ballalaika Orchestra.
10.18 p.m.—John Dellore, tenor:
(a) "Sylvelin" (Sindin).
(b) "Fair House of Joy" (Quilter).
10.26 p.m.—The Ballalaika Orchestra.
10.32 p.m.—Late weather forecast.
10.33 p.m.—From the Ambassadors. The Ambassadors' Dance Orchestra.
10.57 p.m.—From the Studio:
To-morrow's programme and late news.
11 p.m.—"Big Ben."
The Ambassadors' Dance Orchestra.
11.45 p.m.—National Anthem. Close down.

2BL, SYDNEY.

SATURDAY, 19th MAY, 1928.

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

MORNING SESSION.

11 a.m.—G.P.O. Clock and chimes.
Social Notes by Mrs. Jordan.
Talk on "Simple Cooking for Children" 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.
12.20 p.m.—News from the "Sun."
12.25 p.m.—Sporting and athletic fixtures.
12.27 p.m.—Whats 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 p.m.—G.P.O. Clock and chimes.

AFTERNOON SESSION.

During the afternoon musical programme interspersed with news items broadcast from the Studio. Also descriptions of League football match, and Tattersalls races from Randwick.
4.50 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.
7 p.m.—G.P.O. Clock and chimes.
Racing resume.
Sporting resume.
7.15 p.m.—News from the "Sun."
7.30 p.m.—Talk on "Aborigines" by "Bringa."
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.
8.10 p.m.—The Wurlitzer Organ broadcast from the Arcadia Theatre, Chatswood. Organist, Mr. N. Robins.
8.25 p.m.—The Rose Bay Winter Garden Theatre Symphony Orchestra.
8.45 p.m.—Broadcast from the Stadium. A description of the boxing contest.
9.30 p.m.—The Rose Bay Winter Garden Theatre Symphony Orchestra.
10 p.m.—The Wurlitzer Organ broadcast from the Arcadia Theatre, Chatswood.
10.20 p.m.—Resume of following Day's programme.
10.25 p.m.— The Wentworth Cafe Orchestra under the direction of Mr. Jimmy Elkins. During intervals between dances "Sun" news will be broadcast.
11.45 p.m.—G.P.O. Clock and chimes.
National Anthem.

2GB, SYDNEY

SATURDAY, 19th MAY, 1928.

EVENING SESSION.

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

2 UW, SYDNEY

SATURDAY, 19th MAY, 1928.

EVENING SESSION.

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

3LO, MELBOURNE

SATURDAY, 19th MAY, 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. Mails.
7.40 a.m.—News.
8 a.m.—Melbourne Observatory Time Signal.
8.1 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.—THE STATION ORCHESTRA:
"Hits from The Girl Friend."
11.10 a.m.—OLIVER PEACOCK, Baritone:
"I Live for You" (Jack Thompson).
"Colinette" (Coningsby Clarke).
11.17 a.m.—WILL PAGE, Xylophone Solo:
"Two Imps" (Alford).
11.22 a.m.—THE STATION ORCHESTRA:
Selection,: "The Pirates of Penzance" (Sullivan).
11.32 a.m.—MINA HESELEVA, Soprano:
"Angels Guard Thee," with 'Cello Obligato, by Tasma Tiernan (Godard).
Aria, "Huguenots" (Meyerbeer).
11.39 a.m.—THE STATION ORCHESTRA:
Kamenroi Ostrow (Rubenstein).
11.50 a.m.—OLIVER PEACOCK, Baritone:
"The Little Silver Ring" (Chaminade).
"You and I" (May Brahe).
11.57 a.m.—THE GYPSY PLAYERS:
Second New Sullivan Selection.
12 noon.—Melbourne Observatory Time Signal.

MIDDAY SESSION.

Metal prices received by the Australian Mines and Metals Association from the London Stock Exchange this day. British Official Wireless news from Rugby. Reuters' and The Australian Press Associaiton cables. "Argus" news service.
12.20 p.m.—THE GYPSY PLAYERS:
"Gypsy Love" (Lehar).
12.30 p.m.—MINA HESELEVA, Soprano:
"The Wren"—with violin obligato by Bertha Jorgensen (Benedict).
"Koo-koo (Arenski).
12.37 p.m.—Stock Exchange information.
12.40 p.m.—THE STATION ORCHESTRA.
Descriptive Fantasia, "Gipsy Life (Chas. Le Thiere).
12.50 p.m.—RUPERT HAZEL AND ELSIE DAY:
"Harmonylarity."
1.2 p.m.—THE GYPSY PLAYERS:
"Wayside Sketches."
1.9 p.m.—Meteorological information.
Weather Forecast and Rainfall for Victoria, Tasmania, South Australia, and New South Wales. Ocean forecast. River reports. Stock Exrhange information.
1.16 p.m.—GORDON JAMES, Baritone:
"How's My Boy?" (Sydney Homer).
"Dah's Gwinter be er Lan'slide" (L. Strickland).
A Negro Sermon.
1.32 p.m.—THE STATION ORCHESTRA:
"Dancing Tambourine" (Palla).
1.35 p.m.—Description of BASEBALL—St. Kilda v. Collingwood, at St. Kilda Football Ground, described by Percy Steel.
1.45 p.m.—GORDON JAMES, Baritone:
"Lorraine Lorraine Loree" (Gilbert Spross).
1.48 p.m.—THE GYPSY PLAYERS:
"Spanish Gypsy Dance" (Mowrey).
1.55 p.m.—Description of BASEBALL—St. Kilda v. Collingwood, at St. Kilda Football Ground, by Percy Steel.
2 p.m.—Description of Kororoit Hurdle, 2 miles, WILLIAMSTOWN RACES, by Eric Welch.
2.5 p.m.—Close down.

AFTERNOON SESSION.

2.15 p.m.—HARRY SHUGG'S BAND:
Selection, "Waltzes."
2.30 p.m.—Description of BASEBALL—St. ilda v. Collingwood, at St. Kilda Football Ground, by Percy Steel.
2.35 p.m.—Description of Juvenile Handicap, 6 furlongs, WILLIAMSTOWN RACES, by Eric Welch.
2.40 p.m.—HARRY SHUGG'S BAND:
Selection, "Fox Trots."
2.50 p.m.—Description of FOOTBALL, Geelong v. South Melbourne, at Geelong, by Rod McGregor.
3 p.m.—Opening of the New Hall, Presbyterian Church Settlement, Napier-street Fitzroy, by His Excellency the Governor and the Rt. Reverend the Moderator of the Presbyterian Church of Victoria and the Mayor and Councillors of Fitzroy.
3.15 p.m.—Result of Bay View Handicap, 1¼ miles, WILLIAMSTOWN RACES, run at 3.10 p.m. Description of FOOTBALL: Geelong v. South Melbourne, at Geelong, by Rod McGregor.
3.30 p.m.—HARRY SHUGG'S BAND:
Selection, "Marches."
3.42 p.m.—Description of Autumn Steeplechase, 2 miles, WILLIAMSTOWN RACES, by Eric Welch.

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AUSTRALIAN GENERAL ELECTRIC

Australian General Electric Company, Ltd

93-95 Clarence Street, SYDNEY

53 King Street Newcastle — Civic Centre Canberra — 611 Dean Street Albury

3.50 p.m.—Results of Quarter Time League and Association Football Matches. Description of FOOTBALL—Geelong v. South Melbourne, at Geelong, by Rod McGregor.
4.5 p.m.—HARRY SHUGG'S BAND: Selection, "Waltzes."
4.12 p.m.—Description of Gellibrand Handicap, 1 mile, WILLIAMSTOWN RACES, by Eric Welch.
4.20 p.m.—Result of Half-Time League and Association Football Matches.
4.22 p.m.—HARRY SHUGG'C BAND: Selection, "Comic Opera."
4.35 p.m.—Description of FOOTBALL: Geelonf v. South Melbourne, at Geelong, by ROD McGREGOR.
4.42 p.m.—Description of Beach Welter, 1 mile, WILLIAMSTOWN RACES, by Eric Welch.
4.50 p.m.—HARRY SHUGG'S BAND: Selection, "The Latest Catches."
5 p.m.—Results of League and Association Football Threequarter Time. Description of FOOTBALL: Geelong v. South Melbourne, at Geelong, by Rod McGregor.
5.15 p.m.—"Herald" news service. Stock Exchange information.
5.25 p.m.—Close down.
5.50 p.m.—Final Scores of League and Association Football. Sporting results. The results of Wangaratta Turf Club Races will be given as they come to hand.

EVENING SESSION.

6 p.m.—Answers to Letters and Birthday Greetings by "LITTLE MISS KOOKABURRA."
6.20 p.m.—Musical interlude.
6.25 p.m.—"LITTLE MISS KOOKABURRA" will give another instalment of—"Pickles and Prowl."
7 p.m.—Sporting results. Results of Public School Tennis Championships.
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 Pooducers' 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.—E. E. PESCOTT, will speak on "Australian Tan, Dye, and Oil Plants."
7.45 p.m.—DR. J. A. LEACH will speak on "The Seven Small Grass Parrots."

OUT OF THE PAST.

8 p.m.—This day ten years ago was the last air raid on England. And it is also the anniversary of the discovery of the Burra copper mine, in South Australia.
8.1 p.m.—CLARENCE WEBER will speak on: "Breathing."

A MAKER OF HISTORY.

8.15 p.m.—To-day is the Anniversary of the Death of "The Grand Old Man"—William Gladstone, who was four times Prime Minister of England. He died in 1898, aged 88 years. Birthday Greetings and Programme announcements.

CAMP FIRE CONCERT COMPETITION.

8.16 p.m.—1st ELSTERNWICK TROOP: (St. Clements').
1. Troop Song.
2. "About Ourselves" ..... Chorus
3. Recitation, "Hello!" ..... P. L. Hayter
4. "Alouette" ..... Chorus
5. Talk by A.S.M. McVilly—"The Hobo Animals."
6. "Johnny was a Parlor Scout"—Chorus.
7. "Mary Had a Little Lamb"—Recitation (humorous).
8. "Birds in the Wilderness."
9. "Troop Yell.

Nos. 1, 2 and 9 are original—composed by members of the troop.

FROM THE STADIUM.

8.40 p.m.—ERIC WELCH will give a description of to-night's Stadium event.

FROM THE STUDIO.

10.30 p.m.—THE STATION ORCHESTRA: Valse Caprice (Rubenstein). Andantino (Lemare).
10.37 p.m.—ERNEST SAGE, Baritone: "The Trumpeter" (Dix). "A Ballad of Gretna Green" (May Brahe).
10.44 p.m.—Late Sporting Results. Results of Public School Tennis Championships.
10.54 p.m.—ERNEST SAGE, Baritone: "Mountain Lovers" (Squire). "Bonnie Dundee" (Lady John Douglas Scott).
11 p.m.—OUR GREAT THOUGHT: "A man is by nothing so much himself as by his temper, and by the character of his passions and affections. If he loses what is manly and worthy in these, he is as much lost to himself as when he loses his memory and understanding."—Shaftesbury.

ON THE LIGHT FANTASTIC.

11.1 p.m.—THE VAGABONDS.
11.40 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

SATURDAY, 19th MAY, 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.
ORCHESTRAL DANCE CONCERT.

Sport. During the afternoon the results of the Williamstown Races will be broadcast, together with other information, immediately each race is run.
2 p.m.—Ayarz Dansonians. A half-hour Dance Session by Melbourne's fovorite Dance Band. The latest popular hits, each one announced prior to its presentation.
2.30 p.m.—Melbourne Concert Orchestra: "Selection of Schubert's Songs" (Ar. Roberts).
2.48 p.m.—Miss Vera Thomson, soprano: "Nymphs and Fawns" (Bemberg). "The Harp that once" (Irish Air.)
2.56 p.m.—Melbourne Concert Orchestra: "Adagio Cantabile" (Beethoven). "Notturno" (Becce). Suite, "In Arcady" (E. Nevin).
3.15 p.m.—Miss Vera Thomson, soprano: "The Jewel Song" from Faust (Gounod). "Aubade" (Lalo).
3.23 p.m.—Melbourne Concert Orchestra: "Romance sans Paroles" (Rebikoff). "Neapolitan Nights" (Zamecnik).
3.30 p.m.—Announcements.
3.40 p.m.—Melbourne Concert Orchestra: "L'Arlesienne Suite 2" (Bizet).
4 p.m.—G.P.O. Clock says "Four."
4.1 p.m.—Second Weather forecast.
4.3 p.m.—Mr. Newstead Rush, bass baritone: "Mendin' Roadways" (Eric Coates). "Trovellers' Joy" (May H. Brahe).
4.11 p.m.—Melbourne Concert Orchestra: "Winifred Sanderson's Popular Songs" (Ar. Baynes). "Bandanna Sketches" (White).
4.32 p.m.—Mr. Newstead Rush, bass baritone: "Harlequin" (W. Sanderson). "Lie there my lute" (MacCunn).
4.40 p.m.—Melbourne Concert Orchestra: "Prairie Sketches" (Cadman).
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 Seedsman's Association of Victoria.
8 p.m.—G.P.O. Clock says "Eight."
8.16 p.m.—Mr. Tom Semple, tenor: "Allah be with us" (Finden). "Vesti La Guiba" (Leoncavallo).
8.23 p.m.—Ayarz Dansonians:
8.39 p.m.—The Sundowners' Male Quartet: "The Angelus" (Leurance). "All thro' the night" (Smith).
8.46 p.m.—Mr. Sam Cope, marimbaphone: "Because I love you" (Berlin).
8.50 p.m.—Announcements.
9.2 p.m.—Ayarz Dansonians:
9.18 p.m.—Mr. Robert Gillard, bass: "Drake goes west" (Sanderson). "Old Barty" (Grant).
9.26 p.m.—Ayarz Dansonians.
9.42 p.m.—The Sundowner's Male Quartet: "Honolulu Moon" (Lawrence). "One Summer Night" (Coslow).
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.—Ayarz Dansonians.
10.19 p.m.—Mr. Tom Semple, tenor and Mr. Herbert Sanderson, baritone: Duet: "O Lovely Night" (Landon Ronald.)
10.22 p.m.—Mr. Robert Allen, alto: "Throb of a passionate day" (Lohr). "Dawn" (Curran).
10.30 p.m.—Ayarz Dansonians: Fox trot, "You know I love you" (Burke). Fox trot, "Samum" (Robrecht).
10.38 p.m.—Mr. Herbert Sanderson, baritone: "Loving Smile of Sister Kind" (Gounod). "Green Hills of Somerset" (Coates).
10.45 p.m.—"Harlequin." Sport 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, "Onawe" by Dora Wilcox.
11 p.m.—G.P.O. Clock says "Eleven." God Save the King.

4QG, BRISBANE.

SATURDAY, 19th MAY, 1928.

MORNING SESSION.

11 a.m.—From Seventh Day Adventist Church, Buranda: Morning service.
12.15 p.m.—Close down.

NO MIDDAY TRANSMISSION.
AFTERNOON SESSION.

The Tattersalls Race Meeting will be described from the Eagle Farm. From Eagle Farm. A description of Tattersalls Meeting.
5 p.m.—Close down.

EARLY EVENIN GSESSION.

6 p.m.—News bulletin for distant listeners supplied by courtesy of "The Queenslander."
6.30 p.m.—Bedtime stories by "Uncle Ben."
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.
THE LONDON TRIO.

The first portion of to-night's programme will be provided by the London Trio—Miss Lucy Baker (pianiste), Mrs. M. L. Spanjer (contratlo), and Mr. Basil Stirling (baritone).
8 p.m.—From the Studio: National Anthem.
8.7 p.m.—Duet: "A Night in Venice." Mrs. M. L. Spanjer and Mr. Basil Stirling.
8.10 p.m.—Piano solos: Five Tone Poems from "Omar Khayyam." Miss L. Baker.
8.15 p.m.—Contralto solo: "Vorrei" ("Could I" —Tosti). Mrs. M. L. Spanjer.
8.20 p.m.—Baritone solo: "Song of the Sea Gypsy" (Head). Mr. Basil Stirling.
8.26 p.m.—Piano solo: "Aufschwing" (Schumann). Miss L. Baker.
8.33 p.m.—Contralto solos: (a) "Fairings" (Martin). (b) "Come to the Fair" (Martin). Mrs. M. L. Spanjer.
8.40 p.m.—Piano solos: (a) "Dieuxeme" ("Mazurxe"—Gounod). (b) "Etude" (Chopin). Miss L. Baker.

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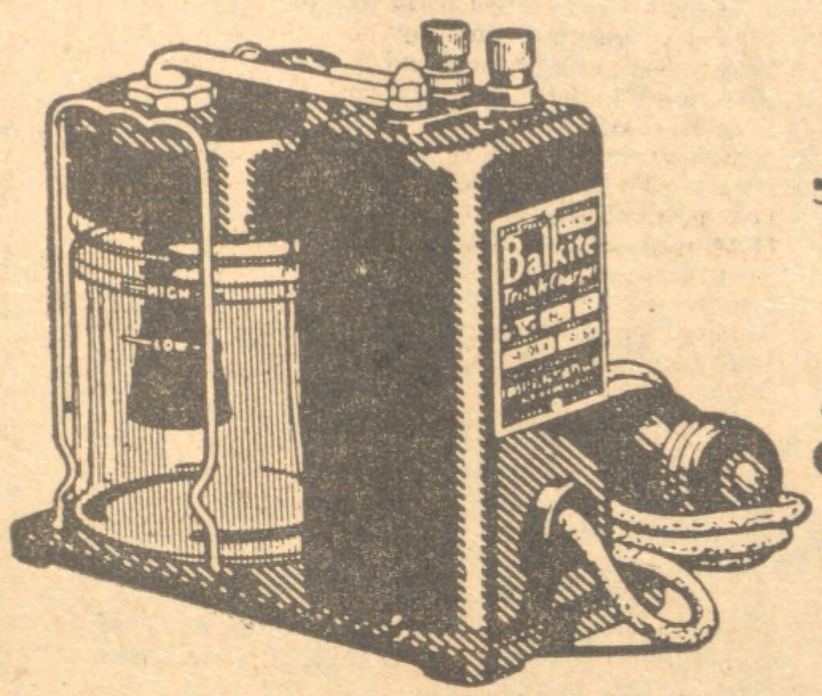

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Add a Balkite Trickle Charger to your "A" battery. Know the convenience of permanent silent "A" power from the light socket always.

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8.48 p.m.—Duet:
"Dear Love of Mine" (Thomas).
Mrs. M. L. Spanjer and Mr. Basil Stirling.
8.56 p.m.—Baritone solo:
"Where the Abana Flows" (Woodford-Finden).
Mr. Basil Stirling.
9 p.m.—From the Speedway:
Description of motor cycle racing.
9.30 p.m.—From Lennon's Ballroom:
Dance music.
10 p.m.—From the Studio:
"Sunday Mail" news service.
10.5 p.m.—Weather information.
10.15 p.m.—Close down.

5CL, ADELAIDE.

SATURDAY, 19th MAY, 1928.

MORNING SESSION.

11 a.m.—G.P.O. Chimes.
11.1 a.m.—"Advertiser" News Service and International News.
11.30 p.m.—Musical numbers from the studio.
12 noon.—G.P.O. Chimes and close down.

AFTERNOON SESSION.

1 p.m.—Relayed from Gawler Racecourse, a running description of events of the Gawler Jockey Club's meeting, by Mr. Arnold Treloar, interspersed with musical numbers and interstate results from the studio.

EVENING SESSION.

6 p.m.—G.P.O. Chimes.
6.1 p.m.—Children's entertainment.
6.30 p.m.—Dinner Music from the studio.
7 p.m.—G.P.O. Chimes.
7.1 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
7.8 p.m.—"Books and Bookmen" by C. G. Riley.
7.23 p.m.—Station Announcements.
7.35 p.m.—Resume of to-day's football matches by "High Mark."
7.45 p.m.—Summary of local and interstate sporting results.
8 p.m.—G.P.O. Chimes.
8.1 p.m.—Grosvenor Orchestra.
8.7 p.m.—Ugo Mina, baritone.
8.13 p.m.—Grosvenor Orchestra.
8.18 p.m.—Marcella Berardi, soprano.
8.25 p.m.—Grosvenor Orchestra.
8.31 p.m.—Ugo Mina, baritone.
8.34 p.m.—Harry Hutchins, violinist.
8.41 p.m.—Marcella Berardi, soprano.
8.44 p.m.—Grosvenor Orchestra.
8.49 p.m.—Polly McIntosh, contralto.
8.55 p.m.—Harry Hutchins, violinist.
9.1 p.m.—International News.
9.10 p.m.—Jas. Barrett, baritone.
9.17 p.m.—Grosvenor Orchestra.
9.22 p.m.—Polly McIntosh, contralto.
9.25 p.m.—Harry Hutchins, violinist.
9.30 p.m.—Jas. Barrett, baritone.
9.33 p.m.—Grosvenor Orchestra.
9.40 p.m.—Relay from Glenelg, The Maison Dance Band.
10.1 p.m.—Interstate and local sporting results.
10.15 p.m.—Grosvenor Orchestra.
10.20 p.m.—Relay from Glenelg, The Maison Dance Band.
10.55 p.m.—Station announcements and tomorrow's programme.
11 p.m.—G.P.O. Chimes and National Anthem.

6WF, PERTH.

SATURDAY, 19th MAY, 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.

1.55 p.m.—Tune in.
2 p.m.—At Perth Racecourse.
Running commentary of Racing events relayed from Perth Racecourse.
3.30 p.m.—From the Studio.
Musical programme, including vocal and instrumental numbers.
Football results (quarter 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 Bill Naughton and his jesters, 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.
10.30 p.m.—Close down.

104.5 METRE TRANSMISSION.

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

7ZL, HOBART

SATURDAY, 19th MAY, 1928.

MORNING SESSION.

11 a.m. to 12 noon.

AFTERNOON SESSION.

3 p.m.—G.P.O. Clock Chimes the hour.
3.1 p.m.—Broadcast from T.C.A. Ground description of Football Match New Town v. North Hobart. Sporting results announced during interval.
5 p.m.—Close down.

EARLY EVENING SESSION.

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

NIGHT SESSION.

7.30 p.m.—Musical Selections.
7.35 p.m.—"Mercury" Special Tasmanian news service.
Weather Forecasts.
Hobart Stock Exchange Quotations.
Sporting Results.
8 p.m.—G.P.O. Clock chimes the hour.
8.1 p.m.—Musical selections from the Studio.
8.15 p.m.—Dance Numbers by the Pavillion Dance Band.
Broadcast by direct wire from the City Hall Hobart, interspersed with items from the Studio.
10.20 p.m.—British Official Wireless News.
Weather Information.
Station Announcements.
Sunday's Programme.
Close down.

Sunday, May 20

2FC, SYDNEY.

MORNING SESSION.

10.50 a.m.—Programme announcements.
10.55 a.m.—The Bells of St. Mark's.
11 a.m.—From St. Mark's, Darling Point:
The Morning Service.
Preacher, Canon E. Howard Lea.
12.5 p.m.—From the Studio:
News Session.
12.20 p.m.—Musical items.
12.30 p.m.—Close down.

AFTERNOON SESSION.

3 p.m.—"Big Ben" and programme announcements.
3.2 p.m.—From the Lyceum Hall, Pitt Street, Sydney:
Pleasant Sunday Afternoon Service, by the Central Methodist Mission.
Speaker, Dr. W. C. Poole, of London.
4.5 p.m.—From the Band Rotunda, Coogee Beach: A programme by the Randwick Municipal Band. Conductor, E. P. Kerry.
5 p.m.—"Big Ben."
From the Studio:
Miss A. E. Pallister will talk of Aspects of Deaconess Work:
"In the City, the Children's Court, Immigration and the Bush."
5.15 p.m.—Close down.

EVENING SESSION.

6 p.m.—"Big Ben" and programme announcements.
6.5 p.m.—Madame Evelyn Grieg, pianist:
"An Hour with the Great Composers."
(a) Violincello:
"Adagio from the Concerto for Violincello" Haydn).
Maysie Dalsey.
(b) Vocal Aria:
"Non Piu di Fiori" from "Titus" (Mozart).
Anne Mills, mezzo.
(c) Violin:
"Preludium and Allegro" (Pugnani-Kreisler).
Elaine Pennifold.
(d) Pianoforte:
"Papillons" (Schumann).
Evelyn Grieg.
(e) Song:
"To Sleep" (Tschaikowsky).
Anne Mills, mezzo.
(f) Trio for Violin, Violincello and Pianoforte:
"Trio No. 1 in E Flat Major" (Beethoven).
Violin, Elaine Pennifold.
Violincello, Maysie Dalsey.
Piano, Madame Evelyn Grieg.
7 p.m.—"Big Ben."
From the Lyceum Hall, Pitt Street, Sydney:
The Evening Service of
The Central Methodist Mission.
8.30 p.m.—From the Studio:
A programme by the Randwick Municipal Band. Conductor, E. P. Kerry.
8.45 p.m.—Signor Ubaldo Russo, baritone, and Linda Bradford, soprano:
Duets.
8.54 p.m.—The Randwick Municipal Band.
9.10 p.m.—Stephanie Deste, Recital:
(a) "Hiawatha" (Longfellow).
(b) "Little Orphan Danny" (Anonymous).
9.20 p.m.—Frank Hutchens:
Pianoforte Recital.
9.30 p.m.—The Randwick Municipal Band.
9.45 p.m.—"Big Ben."
Signor Ubaldo Russo, baritone, and Linda Bradford, soprano:
Duets.
9.54 p.m.—Stephanie Deste, Recital.
10.4 p.m.—The Randwick Municipal Band.
10.15 p.m.—Frank Hutchens:
Pianoforte solos.
10.25 p.m.—National Anthem.
Close down.

2BL, SYDNEY

SUNDAY, 20th MAY, 1928.

MORNING SESSION.

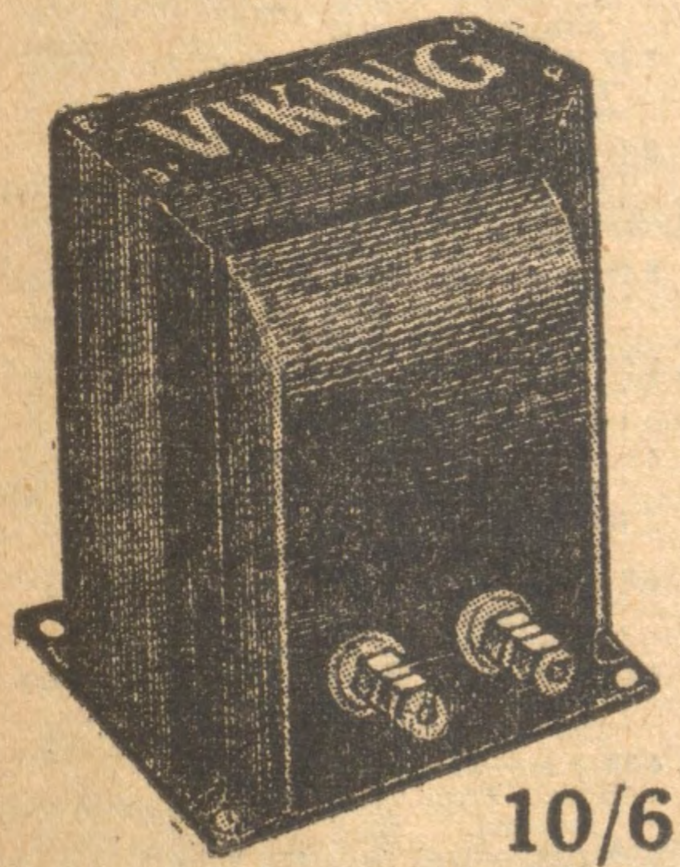
10.45 a.m.—Special news service.
11 a.m.—Services broadcast from Newtown Congregational Church.

AFTERNOON SESSION.

2 p.m.—G.P.O. Clock and chimes.
Special session for children in hospitals.
2.15 p.m.—H.M.V. Gramophone recital.
2.30 p.m.—Pleasant Sunday afternoon broadcast from Concord Methodist Church.
3.30 p.m.—The Manly Municipal Military Band Conductor Mr. J. Pheloung, broadcast from Ocean beach, Manly.
5 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.
6.30 p.m.—Service broadcast from Newtown Congregational Church.
8.30 p.m.—The Manly Municipal Military Band broadcast from Ocean Beach Manly.
9.30 p.m.—From the studio.
Mr. Stanley R. Catlett, tenor.



10/6

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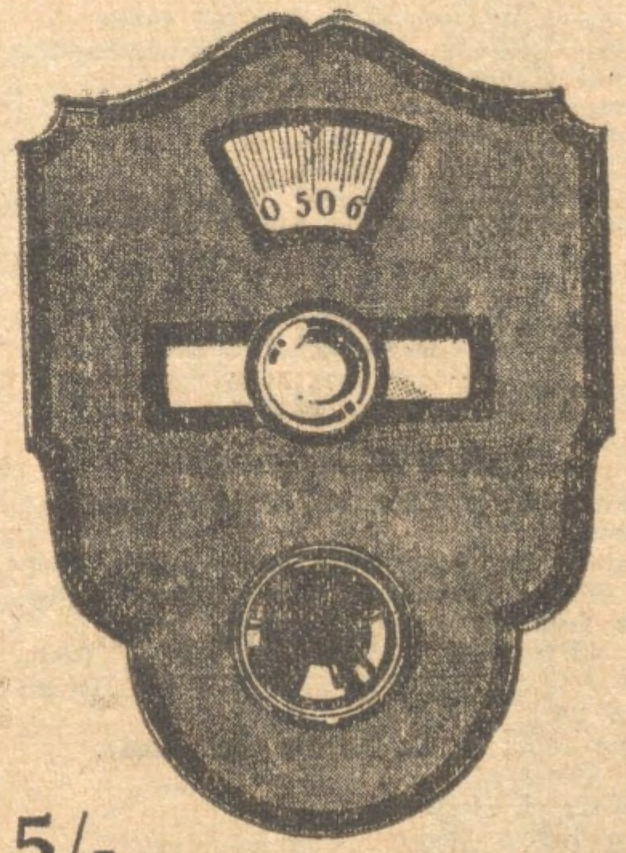

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9.37 p.m.—The British Music Society String Quartette.
9.44 p.m.—Miss Olive Kinchington, mezzo soprano.
9.51 p.m.—The British Music Society String Quartette.
9.58 p.m.—Mr. Stanley R. Catlett.
10.5 p.m.—Resume of following day's programme.
Weather report and forecast by courtesy of Mr. C. J. Mares, Govt. Meteorologist.
10.10 p.m.—Miss Olive Kinhcington.
10.16 p.m.—National Anthem.

2GB, SYDNEY

SUNDAY, 20th MAY, 1928.

MORNING SESSION.

10.15 a.m.—Morning Service from St. Alban's Liberal Catholic Church, Redfern.
12 noon.—Close down.

AFTERNOON SESSION.

4.30 p.m.—Service by Mr. H. Bradley.
5.30 p.m.—Children's Session by Uncle George.
7 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, 20th MAY, 1928.

MORNING SESSION.

10.20 a.m.—Studio items.
10.45 p.m.—Special H.M.V. Recital by courtesy of the Gramophone Co. 163 Pitt St. Sydney.
11.30 a.m.—Vocal and instrumental selections.
12 noon.—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, 20th MAY, 1928.

MORNING SESSION.

10.30 a.m.—Bells from St. Paul's Cathedral, Melbourne.
10.45 a.m.—Express train information. British official wireless news from Rugby. News from yesterday's papers.
11 a.m.—MORNING SERVICE FROM COLLINS STREET INDEPENDENT CHURCH:
Hymn 33.
Prayer and Lord's Prayer (chanted).
Male Quartet.
Scripture Lesson.
Hymn 158.
Prayer.
Anthem, "Unfold, Ye Portals" (Gounod).
Notices.
Offerings.
Hymn 498.
Sermon, Rev. W. ALBISTON.
Hymn 456.
Benediction.
12.15 p.m.—Close down.

AFTERNOON SESSION.

2 p.m.—SONORA RECITAL OF THE WORLD'S MOST FAMOUS RECORDS:
ORCHESTRAL, "Carneval," Overture (Dvorak). Parts 1 and 2. Halle Orchestra, conducted by Sir Hamilton Harty.
SONG, "Beloved, it is morn" (Aylward and Hickey).
Charles Hackett, tenor
CHOIR, "Hear My Prayer" (Mendelssohn). Parts 1 and 2.
Choir of the Temple Church, London.
ORCHESTRAL, "Ruy Blas," Overture (Mendelssohn).
Parts 1 and 2.
B.B.C. Wireless Symphony Orchestra, conducted by Percy Pitt.
CHOIR (a) "Psalms 122, 123" (Traditional).
(b) "The King of Love" (St. Columba) (G. M. Stanford).
The Choir of St. George's Chapel, Windsor.
ORCHESTRAL, "Tales from the Vienna Woods" (Johann Strauss).
(Waltz), Op. 325.
Johann Strauss and Symphony Orchestra.
ORCHESTRAL, "Lohengrin"—Introduction (Wagner).
Act 1—Parts 1 and 2.
Concertgebouw Orchestra, conducted by Willem Mengelberg.
3 p.m.—PLEASANT SUNDAY AFTERNOON SERVICE FROM CENTRAL MISSION—WESLEY CHURCH—LONSDALE STREET, MELBOURNE:
CHAIRMAN, REV. J. H. CAIN.
Hymn No. 112, "Ye Servants of God, Your Master Proclaim."
Prayer, Rev. C. Irving Benson.
Orchestral Selection, Mr. G. M. Williams, conductor.
Hymn No. 108, "One there is Above all Others."
Solo, Mr. Percy Blundell.
Orchestra.
Solo, Mr. Percy Blundell.
Notices.
Offering.
Orchestra.
ADDRESS.
National Anthem.
Benediction.
Orchestra.
4.30 p.m.—Close down.

EVENING SESSION.

CHILDREN'S HOUR.

6 p.m.—Answers to Letters, and Birthday Greetings, by "BILLY BUNNY."
6.25 p.m.—BROTHER BILL:
"Do I Believe."
6.45 p.m.—Bells from St. Paul's Cathedral.

NIGHT SESSION.

7 p.m.—EVENING SERVICE FROM SCOTS CHURCH, Collins Street, Melbourne:
Organist, MR. MANSLEY GREER.
Psalm (Metrical Version).
Prayer.
Prose Psalm.
Chants.
Old Testament Lesson.
Hymn.
Prayer of Intercession.
New Testament Lesson.
Anthem, from "The Redemption"—"Unfold ye portals everlasting" (Gounod).
The Lord's Prayer (the congregation, standing, will unite)
Sermon: THE REV. DR. JAMES BLACK, M.A., Edinburgh, Scotland.
(Dr. Black has just arrived in Australia.)
Prayer.
Hymn.
Intimations.
Offering.
Offertory.
Hymn.
Benediction.

FROM THE STUDIO:

8.30 p.m.—Birthday Greetings and Programme Announcements. Island steamer movements.
8.32 p.m.—Song Feature of the Week.
8.35 p.m.—MALVERN TRAMWAYS BAND:
Suite, "Bohemian" (Hume).
Part 1, "The Appeal."
Part 2, "The Caravan."
Part 3, "The Tarantella."
8.45 p.m.—STANLEY BAINES, flautist:
"Carnival of Venice" (Briccialdi).
Piccolo solo, "The Lennet" (Brocket).
8.52 p.m.—MALVERN TRAMWAYS BAND:
Cornet solo, "The Lost Chord" (Sullivan).
(Soloist, Mr. J. Alway.)
9 p.m.—STORY OF THE OPERA, under the direction of WILLIAM G. JAMES.
9.40 p.m.—STANLEY BAINES, flautist:
"Romance" (Georges Brun).
Piccolo solo, "The Wren" (Damare).
9.47 p.m.—MALVERN TRAMWAYS BAND:
Air Varie, "Edwinstone" (Hume).
9.54 p.m.—"Argus" News Service.
Announcements.
The ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for today is:
"Give proper warning to pedestrians and other users of the highways. Even animals should receive reasonable notice."
OUR GREAT THOUGHT:
"The great duty of God's children is to love one another. This duty on earth takes the name and form of the law of humanity. We are to recognise all men as brethren, no matter where born, or under what sky, or institution or religion they may live. Every man belongs to the race, and owes a duty to mankind. Every nation belongs to the family of nations, and is to desire the good of all. . . . The law of humanity must reign over the assertion of all human rights."
—William Ellery Channing.
10 p.m.—"GOD SAVE THE KING."

3AR, MELBOURNE

SUNDAY, 20th MAY, 1928.

MORNING CHURCH SESSION.

10.30 a.m.—Chimes from St. John's Church, Toorak.
11 a.m.—Morning Service from the Toorak Presbyterian Church.
Preacher, Rev. J. MacKenzie, M.A.

AFTERNOON SESSION.

CELEBRITY CONCERT.

3 p.m.—The Victoria Trio:
"First and Second Movements of Piano Trio, Op. 38" (Beethoven).
3.15 p.m.—Miss Valerie Walsh, contralto:
"In Questa Tomba" (Beethoven).
"Adieu" (Mozart).
3.22 p.m.—Mr. Herbert Pettifer, violin:
"Lurline" (Wallace).
"Menuett" (Mozart).
3.30 p.m.—The Victoria Trio:
"Songs without Words" (Mendelssohn).
"Elegie and Scherzo" from "Trio in D Minor" (Arensky).
3.45 p.m.—Mr. William Storr, baritone:
"There was a King of Thule" Liszt).
"Song of the Rover" (Georges).
3.53 p.m.—Miss Ethel Brearley, piano:
"Chants Polonaise" (Liszt-Chopin).
"Reverie" (Debussy).
4 p.m.—Miss Valerie Walsh, contralto:
"Now Sleeps the Crimson Petal" (Roger Quilter).
"In Haven" (Ed. Elgar).
4.8 p.m.—Mr. Ronald Brearley, 'cello:
"Le Cygne" (Saint-Saens).
"Liebestraum" (Franz von Blon).
4.15 p.m.—Mr. William Storr, baritone:
"It is Enough" (Mendelssohn).
"The Two Grenadiers" (Schumann).
4.23 p.m.—The Victoria Trio:
"Finale from Trio Op. 36" (Beethoven) (by request).
4.30 p.m.—"God Save the King."

CHILDREN'S SESSION.

6 p.m.—Special Children's Hour, conducted by "Brer Rabbit." Stories, Letters, Birthday Greetings, and special Sunday Songs and Hymns by "Brer Rabbit's" own choir of little and big brother and sister "Brer Rabbits."

EVENING CHURCH SESSION.

8.30 p.m.—Brunswick Panatrope Entertainment—broadcast from Panatrope House, 252 Collins Street, Melbourne (by exclusive permission of Wills and Paton, Ltd.), under the direction of the Panatrope Committee:—
Chairman, Mr. W. D. S. Taylor.
Selector, Mr. John Feil.
Direction, Mr. John Feil.
8.31 p.m.—The Regimental Band of His Majesty's Grenadier Guards:
The Keltic Suite, No. 1, "The Clans" (J. H. Foulds).

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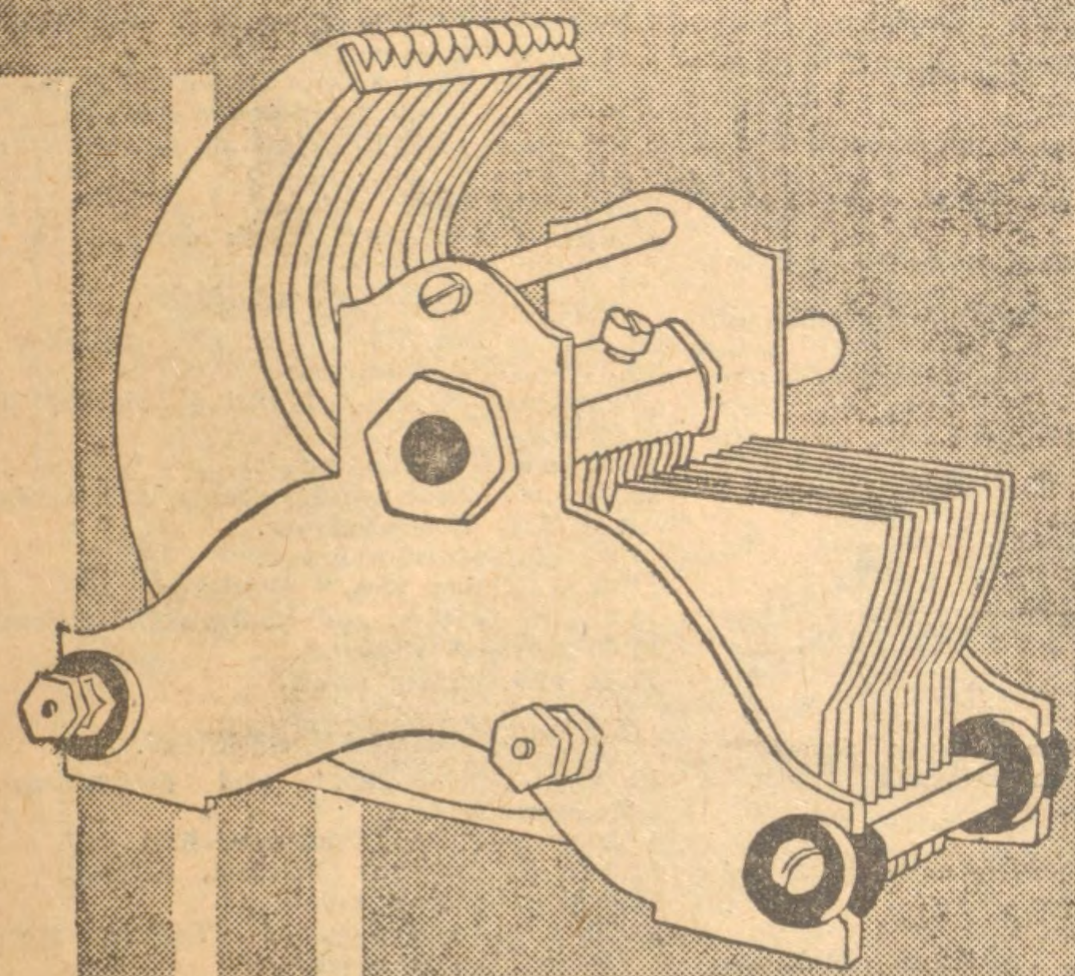

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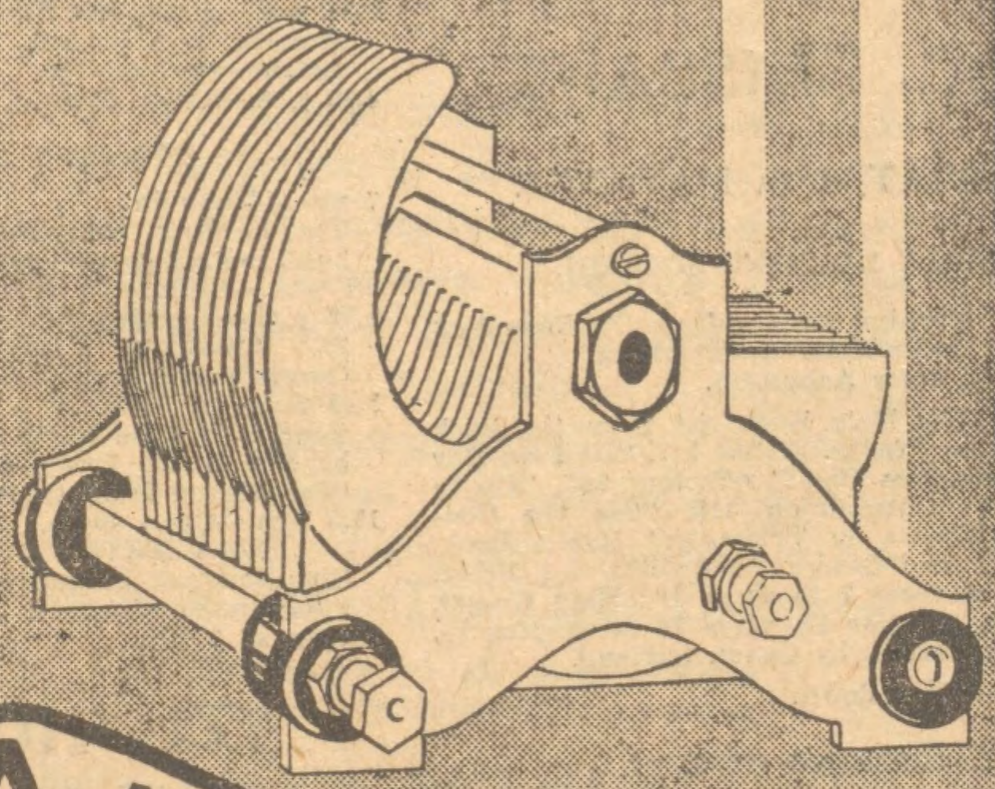

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The Keltic Suite, No. 2, "The Lament" (J. H. Foulds).
8.39 p.m.—The Regimental Band of His Majesty's Grenadier Guards:
The Keltic Suite, No. 3, "The Call" (J. H. Foulds).
"Triumphal March," from "Cleopatra" (Manchinelli).
8.47 p.m.—Signor Riccardo Stracciari, baritone:
"Largo al Factotum" from the "Barber of Seville" (Rossini).
"Corticiana vil Razza Sannata" from "Rigoletto" (Verdi).
8.55 p.m.—The Cherniavsky Trio:
"By the Waters of Minnetonka" (T. Lieurance) (by request).
"Minuet from Quartet in E" (Boccherini).
9.1 p.m.—Court Symphony Orchestra:
"Destiny Waltz" (Sidney Baynes).
"In a Monastery Garden" (A. W. Ketelbey).
9.9 p.m.—G. Arangi-Lombardi Francesco Merli:
"Miserere" from "Il Trovatore" (Verdi).
"Numf Custode E. Vindice" from "Aida."
9.17 p.m.—The White House Orchestra:
Selection, "The Yeomen of the Guards" (Sullivan). In two parts.
9.23 p.m.—Mr. Charles Havkett, tenor:
"A Brown Bird Singing" (Woods).
"Duna" (McGill).
9.29 p.m.—New Queen's Hall Orchestra:
Selection, "Madame Butterfly" (Puccini). In two parts.
9.37 p.m.—Mr. Eddie Dunstedter, Kimball Pipe Organ:
"Just a Memory" (De Sylva).
"Dancing Tambourine" (Polla).
9.43 p.m.—La Scala Chorus of Milan:
"Soldiers' Chorus" from "Faust" (Gounod).
"Anvil Chorus" from "Il Trovatore" (Verdi).
9.49 p.m.—The Regimental Band of His Majesty's Grenadier Guards:
"La Paloma" (Yradier).
"Twist and Twirl" (Kottaun).
9.54 p.m.—The "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, "Perdita," by James Hebblethwaite.
10 p.m.—G.P.O. Clock says "Ten."
"God Save the King."

4QG, BRISBANE

SUNDAY, 20th MAY, 1928.

EARLY MORNING SESSION.

Early morning service from St. Barnabas' Church, Waterworks Road, Ithaca.
Sunday After Ascension.

7.30 p.m.—The Holy Eucharist from the Book of Common Prayer. Introit 147, "Hail the Day That Sees Him Rise;" offertory 565, "Up in Heaven;" Communion 316, "See the Conquerer Mounts in Triumph;" Hymn Book, "Ancient and Modern"; Epistle, 1st Peter, chapter 4 verse 7 to verse 12; Holy Gospel, St. John, chapter 15, verse 26 to chapter 16, verse 5; address by Canon Garland.
8.30 p.m.—Close down.

MORNING SESSION.

11 a.m.—From all Saints' Church:
Complete morning service.
12.15 p.m.—Close down.

AFTERNOON SESSION.

3.15 p.m.—From the Botanic Gardens:
Band Concert.
4.30 p.m.—Close down.

NIGHT SESSION.

7 p.m.—Talk to the children.
7.30 p.m.—Evensong.
8.40 p.m. (approx).—At the conclusion of the church service the band concert will be relayed from Wickham Park.
9.30 p.m.—Close down.

5CL, ADELAIDE.

SUNDAY, 20th MAY, 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.—Morning Divine Service from Flinders street Baptist Church.
12.10 p.m.—International News, time announcement and close down.

AFTERNOON SESSION.

3 p.m.—G.P.O. Chimes.
3.1 p.m.—Sacred concert by choir of Flinders Street, Baptist Church.
4 p.m.—G.P.O. Chimes and close down.

EVENING SESSION.

6.30 p.m.—G.P.O. Chimes.
6.31 p.m.—Carillon of Bells from St. Andrew's Church.
6.36 p.m.—Running Time of East-West express
7.37 p.m.—Sunday stories for the children by the "Bird Lady."
7 p.m.—G.P.O. Chimes.
7.1 p.m.—Evening Divine Service from Pirie Street, Methodist Church.
8.15 p.m.—Sacred concert from Pirie Street Methodist Church.
9.10 p.m.—Recital of Classical music from the Studio.
9.30 p.m.—Mr. P. H. Nicholls will talk, on "Thomas Moore."
9.50 p.m.—To-morrow's programme and weather forecast.
9.55 p.m.—International News, station announcements, and close down.

6WF, PERTH.

SUNDAY, 20th MAY, 1928.

MORNING SESSION.

10.45 a.m.—Tune in.
11 a.m.—Morning service relayed from St. Mary's Roman Catholic Cathedral, Perth.
12.15 p.m.—Close down.

AFTERNOON SESSION.

3.30 p.m.—Tune in.
3.35 p.m.—From the Studio.
Musical programme, including vocal and instrumental artists.
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.
7.30 p.m.—Evening church service relayed from St. Andrew's Presbyterian Church, St. George's Terrace.
8.45 p.m.—A Relay.
Concert by the Perth City Band, conducted by Mr. L. M. Price, and After-Church service relayed from Queen's Hall.
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, 20th MAY, 1928.

MORNING SESSION.

11 a.m.—Church Service from Melville Street, Methodist Church.

AFTERNOON SESSION.

3.30 p.m.—G.P.O. Clock Chimes the hour.
3.31 p.m.—Concert from the studio.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

6.30 p.m.—Children's Corner with the Sunday Lady.

NIGHT SESSION.

7 p.m.—Church Service from Chalmers Presbyterian Church, Hobart. Preacher:
At conclusion of Church Service.
Band Concert from the studio.
7.40 p.m.—"Mercury" Special Interstate News Service.
British Official Wireless News.
Ships within Wireless Range.
9 p.m. Weather Forecasts.
Station Announcements.
Monday's Programme.
Close down.

Monday, May 21

2FC, SYDNEY.

EARLY MORNING SESSION.

7 a.m.—"Big Ben" and announcements.
7.5 a.m.—Studio music.
7.15 a.m.—Country Session: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services.
7.25 a.m.—Investment market, mining share market, metal quotations.
7.35 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 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 programme announcements.
12.2 p.m.—Stock Exchange, first call.
12.3 p.m.—Weather forecast, rainfall.
12.5 p.m.—Studio music.
12.10 p.m.—Summary of "Sydney Morning Herald" news service.
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.—Lorraine Jarman, soprano.
1.35 p.m.—Studio music.
1.55 p.m.—Lorraine Jarman, soprano.
2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

3 p.m.—"Big Ben" and programme announcements.
3.5 p.m.—Patrick Manley, baritone:
"Mother Machree" (Ball).
3.10 p.m.—Pupil of Mowatt Carter:
Violin solos.
3.18 p.m.—Ruby Lesley, mezzo soprano:
"The Dawn" (Guy d'Hardelot).
3.22 p.m.—A Session of H.M.V. Records.
3.56 p.m.—Margaret Grimshaw, mezzo soprano:
"Sun Flakes" (Phillips).
4 p.m.—"Big Ben."
Patrick Manley, baritone:
"The Little Irish Girl" (Law).
4.5 p.m.—William Austin, tenor.
4.10 p.m.—Pupil of Mowatt Carter:
Violin solos.
4.15 p.m.—Ruby Lesley, mezzo soprano:
"Angus Macdonald" (Roeckel).
4.20 p.m.—A Session of H.M.V. Records.
4.45 p.m.—Stock Exchange, third call.
4.47 p.m.—Margaret Grimshaw, mezzo soprano:
"Daffodil Gold" (Hodgson).
4.50 p.m.—William Austin, tenor.
4.54 p.m.—Studio music.
5 p.m.—"Big Ben." Close down.

PROGRESS

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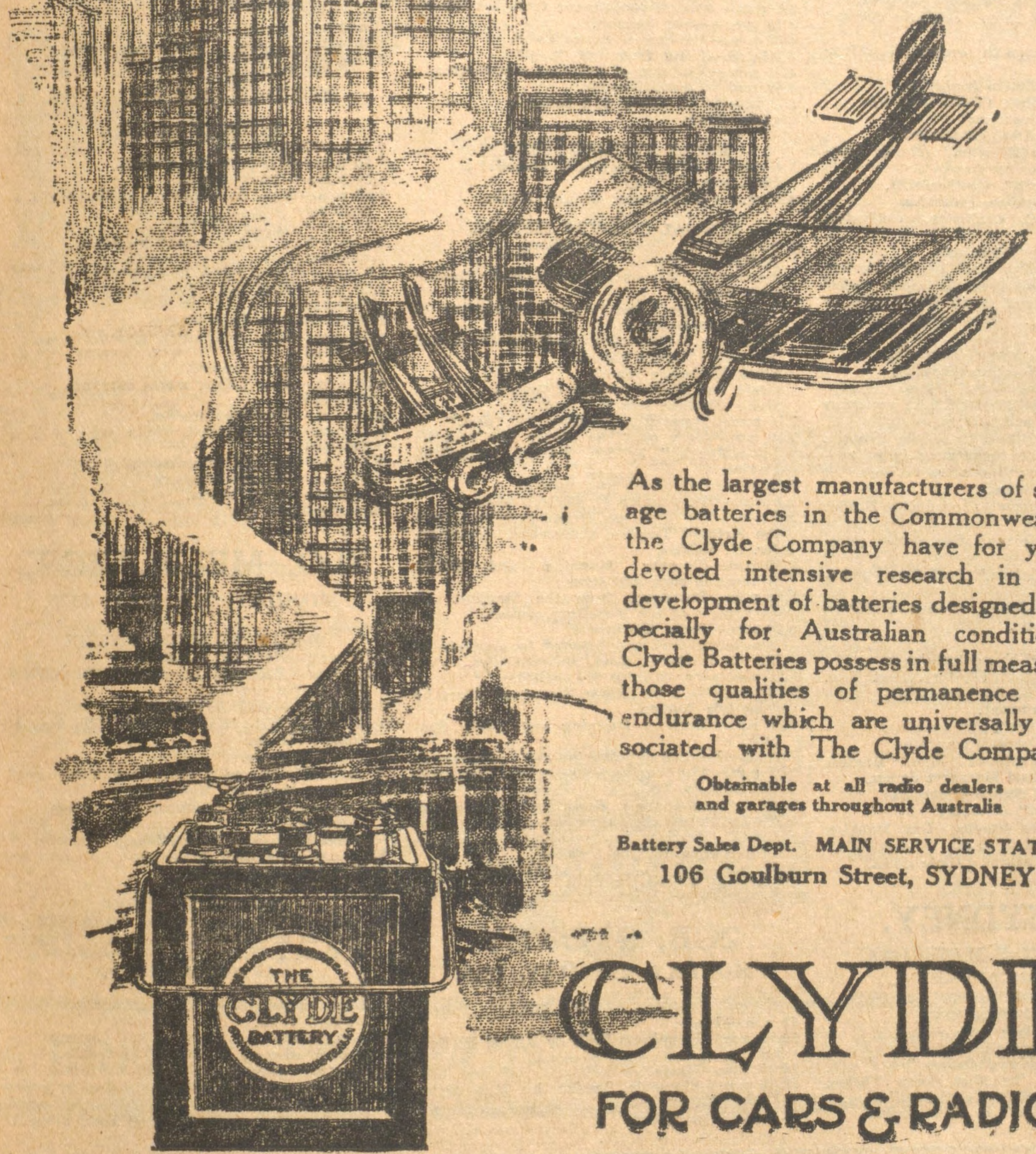

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CLYDE

FOR CARS & RADIO

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 report (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.—A talk on Empire Shopping Week.
7 p.m.—"Big Ben." Dinner music.
7.30 p.m.—Late "Evening News" news service.

EVENING SESSION.

A NIGHT OF ORCHESTRAL AND VOCAL MUSIC.

7.40 p.m.—Programme announcements.
7.45 p.m.—Graham Kent: Bridge Talk. "Experts.
8 p.m.—"Big Ben." The Masonic Club, Sydney, on the occasion of the farewell concert tendered to Raymond Ellis, who is returning to England.
The 2FC Studio Orchestra, conducted by Horace Keats.
Overture: "Poet and Peasant" (Suppe).
8.10 p.m.—Raymond Ellis, English operatic baritone:
Request numbers (with orchestral accompaniment).
8.20 p.m.—The 2FC Studio Orchestra:
Selection, "Catherine" (Tschaikowsky).
Margaret James, Soprano:
8.36 p.m.—Brunton Gibb, entertainer:
(a) "Scots of the Riverina" (Henry Lawson).
(b) "The Breakdown" (Rutherford).
8.43 p.m.—Peggy Dunbar, contralto.
8.50 p.m.—The 2FC Orchestra, conductor, Horace Keats:
"Three Frivolities' '(Fletcher).
9 p.m.—"Big Ben." From the Conservatorium Hall, Sydney. Items from the violin recital by Sophie Freedman (from the Studio of Mischa Dobrinski). The programme will include:
(a) "Sonata" in G Minor (Handel).
(b) Concerto in G Minor (Bruch).
And sols by Madame Vera Tasma.
9.25 p.m.—From the Studio: Late weather forecast. Medley and Motley.
9.35 p.m.—From the Masonic Club, Sydney: Continuation of the programme in connection with the farewell concert to Raymond Ellis (English baritone).
The 2FC Studio Orchestra, conductor Horace Keats:
(a) "Les Deux Pigions," Part One (Messager).
(b) "Les Deux Pigions," Part Two (Messager).
9.50 p.m.—Margaret James, soprano, and Raymond Ellis, baritone.
Duet.
9.55 p.m.—Brunton Gibb, entertainer:
"The Vicar of Mirth" (Foster), Part Two.
10.2 p.m.—The 2FC Studio Orchestra:
"Serenade" (Chaminade).
"Moonlight in Venice" (Armandola).
10.10 p.m.—Peggy Dunbar, contralto.
10.15 p.m.—Duet, Raymond Ellis, English operatic baritone, and Margaret James.
10.28 p.m.—The 2FC Studio Orchestra:
"Prelude in A Flat" (Chopin).
10.30 p.m.—From the Studio. Len Maurice. Dance session until 11 p.m.
11 p.m.—National Anthem. Close down.

2BL, SYDNEY.

MONDAY, 21st MAY, 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 "Tennis' 'by Miss Gwen Varley, Broadcasters Women's Sport Authority.
Talks on "Left Overs" by Mrs. Jordan.
12 p.m.—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.
12.16 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.
12.28 p.m.—Fish 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."
3.10 p.m.—Musical programme from the studio.
3.20 p.m.—News from the "Sun."
3.30 p.m.—Musical programme from studio.
3.40 p.m.—Dungowan Dance Band, broadcast from Dungowan Cabaret.
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 evenings 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 Govt. Meteorologist.
Producers Distributing Society's 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."
7.30 p.m.—Talk on "The Motor Car and its Idiosyncrasies" by Mr. Martin, Consulting Engineer.
8 p.m.—G.P.O. Clock and chimes.
8.1 p.m.—Mr. Stanley R. Catlett, tenor.
8.8 p.m.—The Wurlitzer Organ broadcast from the Arcadia Theatre, Chatswood. Organist, Mr. N. Robins.
8.20 p.m.—Dorothy Manning and Harry Graham in song and story.
8.30 p.m.—Broadcast from the Stadium. A description of the Wrestling contest.
9.30 p.m.—From the Studio.
Weather report and forecast by courtesy of Mr. C. J. Mares, Govt. Meteorologist.
9.31 p.m.—Mr. Stanley R. Catlett.
9.38 p.m.—Talk on Movie Stars and films by Miss Iris Norton.
9.50 p.m.—Dorothy Manning and Harry Graham.
10 p.m.—Resume of following day's programme
10.5 p.m.—The Wurlitzer Organ broadcast from the Arcadia Theatre, Chatswood.
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

MONDAY, 21st MAY, 1928.

MORNING SESSION.

10 a.m.—Music.
10.10 a.m.—Happiness Talk by Alfred E. Bennett.
10.20 p.m.—Music.
10.30 p.m.—Women's Session by Miss Helen J. Beegling.
11 a.m.—Close down.

AFTERNOON SESSION.

2 p.m.—Music.
2.20 p.m.—Address.
2.25 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.
7.30 p.m.—Address.
8 p.m.—Opening Chorus.
8.2 p.m.—Overture by the Orchestra from Hoyt's de Luxe Theatre.
Leader, Mr. Ray Harrison.
8.15 p.m.—Address by F. Houstone, B.A.
8.30 p.m.—Songs by Miss Gwladys Edwards.
8.37 p.m.—Sid and Molly Owen.
Instrumentalists.
8.45 p.m.—Humorous Items by Miss Mollie Kirwan.
8.53 p.m.—Pianoforte Solos by Miss Amy Cobb.
9 p.m.—Talk by Mr. Stan Crittendon.
9.20 p.m.—Songs by Miss Gwladys Edwards.
9.27 p.m.—A Play produced by Miss Mollie Kirwan.
9.45 p.m.—Sid and Mollie Owen.
Instrumentalists.
9.52 p.m.—Songs by Mr. Clement Hosking.
10 p.m.—Close down.

2UW, SYDNEY

MONDAY, 21st MAY, 1928.

MORNING SESSION.

7 p.m.—Studio items.
7.10 p.m.—Where to go session.
7.14 p.m.—Dinner music.
7.50 p.m.—Mrs. A. Dalton, pianoforte solo.
Selected.
7.57 p.m.—Studio selection.
8 p.m.—Miss Lilley, mezzo soprano:
Selected.
8.7 p.m.—News, items and shipping etc.
8.20 p.m.—Mrs. A. Pearce, violin solo:
Selected.
8.26 p.m.—Item from studio.
8.30 p.m.—Mrs. A. Dalton, pianoforte solo:
Selected.
8.35 p.m.—Dance music.
8.45 p.m.—Miss Lilley, mezzo soprano.
Selected.
8.50 p.m.—Weather forecast.
8.53 p.m.—Mrs. Pearce, violin solo:
Selected.
9 p.m.—Vocal and instrumental items.
9.20 p.m.—Request numbers.
9.40 p.m.—Dance music.
10 p.m.—Close down.

3LO, MELBOURNE.

MONDAY, 21st MAY, 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. Mails.
7.40 a.m.—News.
8 a.m.—Melbourne Observatory time signal.
8.1 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.

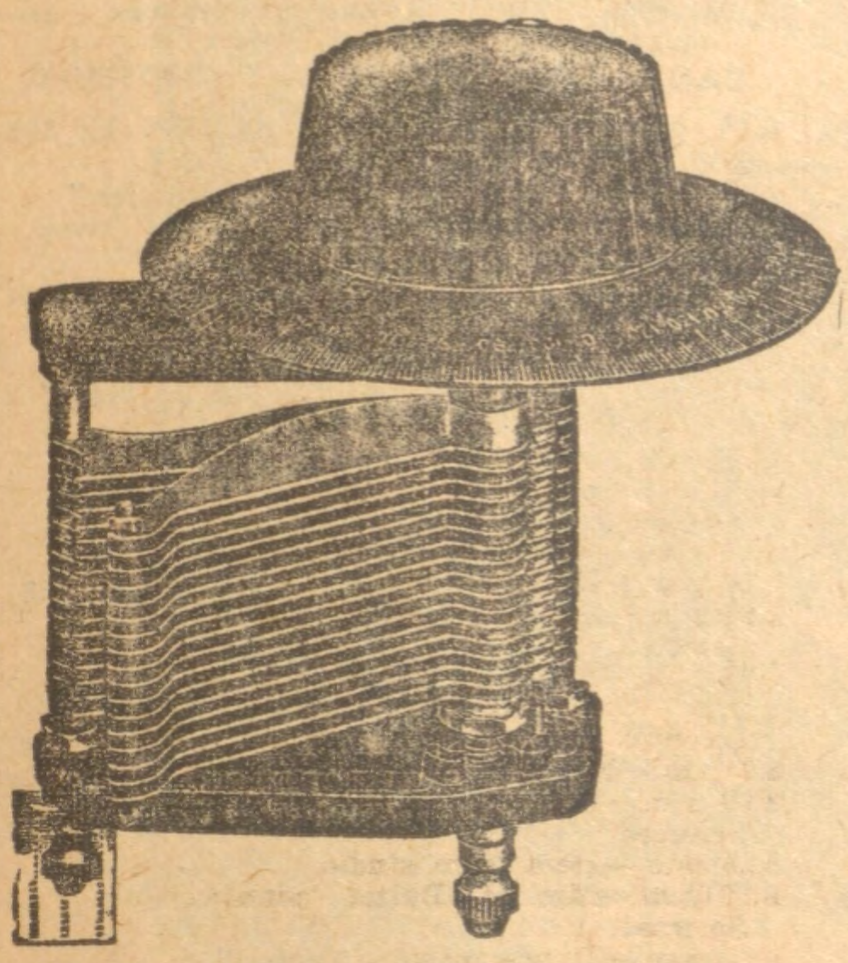
11 a.m.—3LO'S CULINARY COUNSELS or How to Create Comforts with a Minimum of Cash.

ARTICHOKE SOUP.

2-lb. artichokes.
2-oz. butter.
1-quart milk.
1-oz. flour.
½-pint cream.
Salt and pepper.

Wash, peel and slice artichokes in lemon-juice and water. Melt butter in sauce-pan, put in vegetables, and cook carefully

a 1st class Ormond SLF condenser



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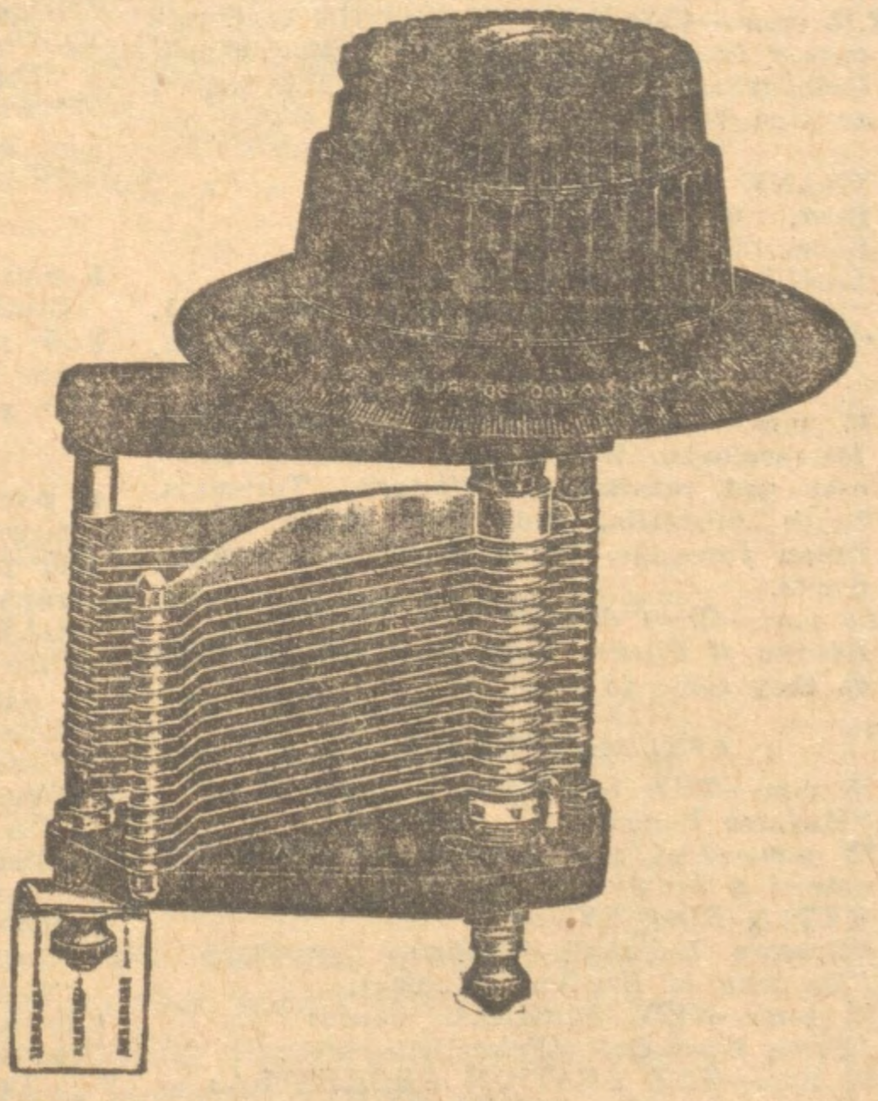

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for 5 minutes without browning them. Add milk or water or stock, and boil until tender. Rub them through a sieve, return to the saucepan, bring to boil, add moistened flour, cook 5 minutes, and add cream. Garnish with finely chopped parsley.

FACTS ABOUT FOOD.

Coffee, to be good, must be fresh and to keep it fresh it must be kept in sealed airtight containers until it goes into the pot. Therefore, never leave coffee in the original package. Probably the nearest thing you have to an airtight container is a fruit jar with a new rubber ring. Use the smallest jars you have, so that the jars will not be opened many times before the coffee is used up. An inferior grade of coffee freshly roasted and ground makes a better drink than a high grade that has been exposed to the air over a few days.

11.5 a.m.—FLORA PELL, Inspector of Schools, will talk on:
"Cookery."
11.20 a.m.—Musical interlude.
11.25 a.m.—OLGA PARKER:
"What to Read to Your Children—Australian Aborigine Legends."
11.40 a.m.—Musical interlude.
11.45 a.m.—Under the auspices of the St. John Ambulance Association, Victoria Centre, J. H. LORD, Secretary of the Association, will speak on:
"A short description of the circulation of the blood. How to recognise the various kinds of bleeding, and how to control it."

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.

COMMUNITY SINGING.

12.15 p.m.—COMMUNITY SINGING, transmitted from Assembly Hall, Collins Street, Melbourne. (Conductor, G. J. MACKAY), assisted by
THE GYPSY PLAYERS,
FRANK AND FRANCIS LUIZ:
Duet, "Imi Au ia Oe."
Song, "Like No a Like."
SENIO CHOSTIAKOFF, tenor:
"It is Peaceful and Serene" (Sobolevska).
"Oh, Beautiful Night" (Russian Folk Song).

FROM THE STUDIO:

1.45 p.m.—Stock Exchange information. Meteorologist information. Weather forecast and rainfall for Victoria, Tasmania, South Australia, and New South Wales. Ocean forecasts. River reports. Announcements.
1.55 p.m.—Close down.
Results of Fitzroy pony races will be given as they come to hand.

AFTERNOON SESSION.

2.15 p.m.—THE STATION ORCHESTRA:
"Madame Pompadour" (Leo Fall).
2.25 p.m.—And now we are sure you will extend a hearty welcome to
NETTA RODNEY, soubrette:
"Russian Lullaby" (Berlin).
"My Idea of Heaven" (Tobias).
2.32 p.m.—NED TYRRELL, banjo:
"From Now On" (Friend).
2.37 p.m.—THE STATION ORCHESTRA:
Overture to "Hamlet" (Bach).
2.47 p.m.—ELSIE DAVIES, soprano:
"'Tis the Day" (Leoncavallo).
"I Hear You Calling Me" (C. Marshall).
With Orchestral Accompaniment.
2.54 p.m.—THE STATION ORCHESTRA:
"Fantasia on Old Drinking Songs."
3 p.m.—Melbourne Observatory time signal.

ORGAN RECITAL.

3.1 p.m.—E. C. MONTEATH, transmitted from St. Peter's Church, Eastern Hill, Melbourne:
1. Sanctus from the Requiem Mass (Mozart).
2. Introduction, Minuetto and Trio (W. Sterndale-Bennett).
3. Funeral March (Song Without Words. No. 27) (Mendelssohn).
This music was played at the composer's funeral.
4. Serenade (Gounod).
5. Marche Romaine (Gounod).

FROM THE STUDIO:

3.15 p.m.—THE STATION ORCHESTRA:
Cavatina from "Barber de Seville" (Rossini).
3.25 p.m.—We are now pleased to be able to introduce to you TILTON AND WEST—The Joy Boys—who will make their first appearance with 3LO Melbourne:
"Happy and Go Lucky Days" (Brennan).
"Timouctoo" (Kalmar and Ruby).
3.32 p.m.—THE STATION ORCHESTRA:
"In an Old-fashioned Town" (Squire).
3.42 p.m.—STATION TRIO, Chas. Taylor, violin; Ned Tyrrell, banjo; Les Richmond, piano:
Selected.
3.47 p.m.—ISOBEL BIDDELL, contralto:
"Che Faro" (Gluck).
"I Love Thee" (Beethoven).
3.54 p.m.—THE STATION ORCHESTRA:
"Two Waltzes, Op. 54" (Anton-Dvorak).
4 p.m.—TILTON AND WEST—The Joy Boys:
"The best-looking girls get the worst-looking men" (Carlton).
"The Whisper Song" (Friend).
4.7 p.m.—AGNES FORTUNE, piano:
"Golliwogs' Cake-Walk" (Debussy).
4.15 p.m.—NETTA RODNEY, soubrette:
"That Saxophone Waltz Song" (Mingo).
"Henry's made a Lady out of Lizzie" (O'Keefe).
4.22 p.m.—THE STATION ORCHESTRA:
Selection, "Brahms' Works."
4.30 p.m.—ELSIE DAVIES, soprano:
"Love will find a way" (from "The Maid of the Mountains").
"If" (Deceza).
4.37 p.m.—THE STATION ORCHESTRA:
"Bing Boys on Broadway."
4.45 p.m.—Special weather report from Adelaide for Mildura district.
4.46 p.m.—ISOBEL BIDDELL, contralto:
"The Inquirer" (Schubert).
"Hope" (Grieg).
4.53 p.m.—THE STATION ORCHESTRA:
"The Wee Macgregor" (Amers).

NEWS SESSION.

5 p.m.—"Herald" news service.
Stock Exchange information.
5.15 p.m.—Acceptances for Aspendale Races on Wednesday, May 23.
5.20 p.m.—Close down.

EVENING SESSION.

6 p.m.—Answers to letters and Birthday Greetings by "BILLY BUNNY."
6.20 p.m.—Musical Programme for Children, arranged by FRITZ HART:
DAWN HARDING, mezzo-soprano:
"He shall Feed His Flock" ("The Messiah") (Handel).
Especially for the Little Ones she will sing:
"Buckingham Palace" (Fraser Simson).
"Vespers" (Fraser Simson).
IDA SCOTT, pianist, will play:
"Fantasie in C Major" (Handel).
"Capriciette" (Brooke).
MARY GASKIN, violinist:
"Last Movement B Major Sonata" (Handel).
"Minuet in F" (Handel).
6.40 p.m.—"BILLY BUNNY":
A Story for the Children.

NEWS AND MARKET REPORTS.

7 p.m.—Official reports of Newmarket stock sales by the Associated Stock and Station Agents, Bourke Street, Melbourne. Number of sheep and cattle drawn for week's sale.
7.10 p.m.—"Herald" News Service. Weather synopsis. Shipping information. Results of Women's Inter-Varsity Tennis.
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.

7.30 p.m.—C. ELLIS:
"Diggers Let Loose."
7.45 p.m.—Under the Auspices of the Department of Agriculture, R. J. de TALBOT, Veterinary Officer, will speak on "Parasite in Pigs."

OUT OF THE PAST.

8 p.m.—To-day is the anniversary of Declaration of New Zealand as a Colony in 1840.
8.1 p.m.—CHAS. NUTTALL:
"All Sorts make a World."

A MAKER OF HISTORY.

8.15 p.m.—ALEXANDER POPE, the famous English writer, and author of "The Essay on Man," and "Moral Essays," was born on the 21st May, 1688—It is almost impossible to open a page of the "Essay on Man" without coming on a line or a couplet that is not a household word.
Birthday Greetings and Programme announcements.

CAMP FIRE CONCERT COMPETITION.

8.16 p.m.—CONCERT PROGRAMME by the First Albert Park Troop, B.S.A.:
Duet and Chorus, "Hustling Hinkler."
Scouts A. Holland, R. Rowed, and Troop.
Quartet, "Mary had a Little Lamb."
Scouts G. Hayden, A. Holland, A. McCulloch, R. Rowed.
Mystery Item, "The Tenderfoot's Test."
Chorus, "Show me the way to go home" Troop.
Recitation, "The Scout's Oath." Troop.
"Lights Out."
Troop Bugler F. Rice.
Instrumentalists: Scouts B. Bagley, J. Rawnsley, J. Williams.
Accompaniste: Miss W. Leckie.

BRASS BAND AND CHORAL ITEMS.

8.41 p.m.—PRAHRAN CITY BAND:
Overture, "Don Viovanni" (Mozart).
8.48 p.m.—ELSTERNWICK METHODIST MALE CHOIR (Conductor, Edward Crow):
"On the March" (V. E. Becker).
"Thuringian Volkslied" (Franz Abt).
8.55 p.m.—PRAHRAN CITY BAND:
Selection, "Classica" (Ewing).
9.5 p.m.—SENIA CHOSTIAKOFF, Tenor:
"The Love" (Wrangel).
"La Donna e Mobile"—"Rigoletto" (Verdi)
9.12 p.m.—PRAHRAN CITY BAND:
Intermezzo, "Maid of the Mist" (Rimmer).
"Hustling Hinkler" (Baer).
9.19 p.m.—ELSTERNWICK METHODIST MALE CHOIR:
"In Absence" (Dudley Buck).
"Soldiers' Chorus" (Gounod).
9.26 p.m.—PRAHRAN CITY BAND:
March, "The Virtuoso" (Rimmer).

A SHORT STORY.

9.31 p.m.—E. F. RITTER.

STRING QUARTETTE.

9.45 p.m.—THE GYPSY PLAYERS:
"Quartet" (Mozart).
9.55 p.m.—ELSIE DAVIES, Soprano:
"Serenata" (Toselli).
"Serenata" (Tosti).
10.2 p.m.—THE GYPSY PLAYERS:
"Trio" (Hadyn).
10.9 p.m.—SENIA CHOSTIAKOFF, Tenor:
"The Light Shades" (Zuboff).
"When the Night with Stilly Silence" (Robertson).
10.16 p.m.—THE GYPSY PLAYERS:
"Canzonetta" (Mendelssohn).
"Gavotte" (Pochon).

NEWS SESSION.

10.23 p.m.—"Argus" news service. Meteorological information. British official wireless news from Rugby. Announcements. Results of Women's Inter-'Varsity Tennis.
THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE for To-day is:
"In turning either to right or left, watch for pedestrians as well as vehicles."

SEE BUFFALO AT OUR EXPENSE.

IN FRIVOLOUS MOOD.

10.33 p.m.—TILTON AND WEST, The Joy Boys:
"My Pal, Harry" (Weston).
"Baby Your Mother" (Donnelly).
10.44 p.m.—PRAHRAN CITY BAND
"Nevada" (Nicholls).

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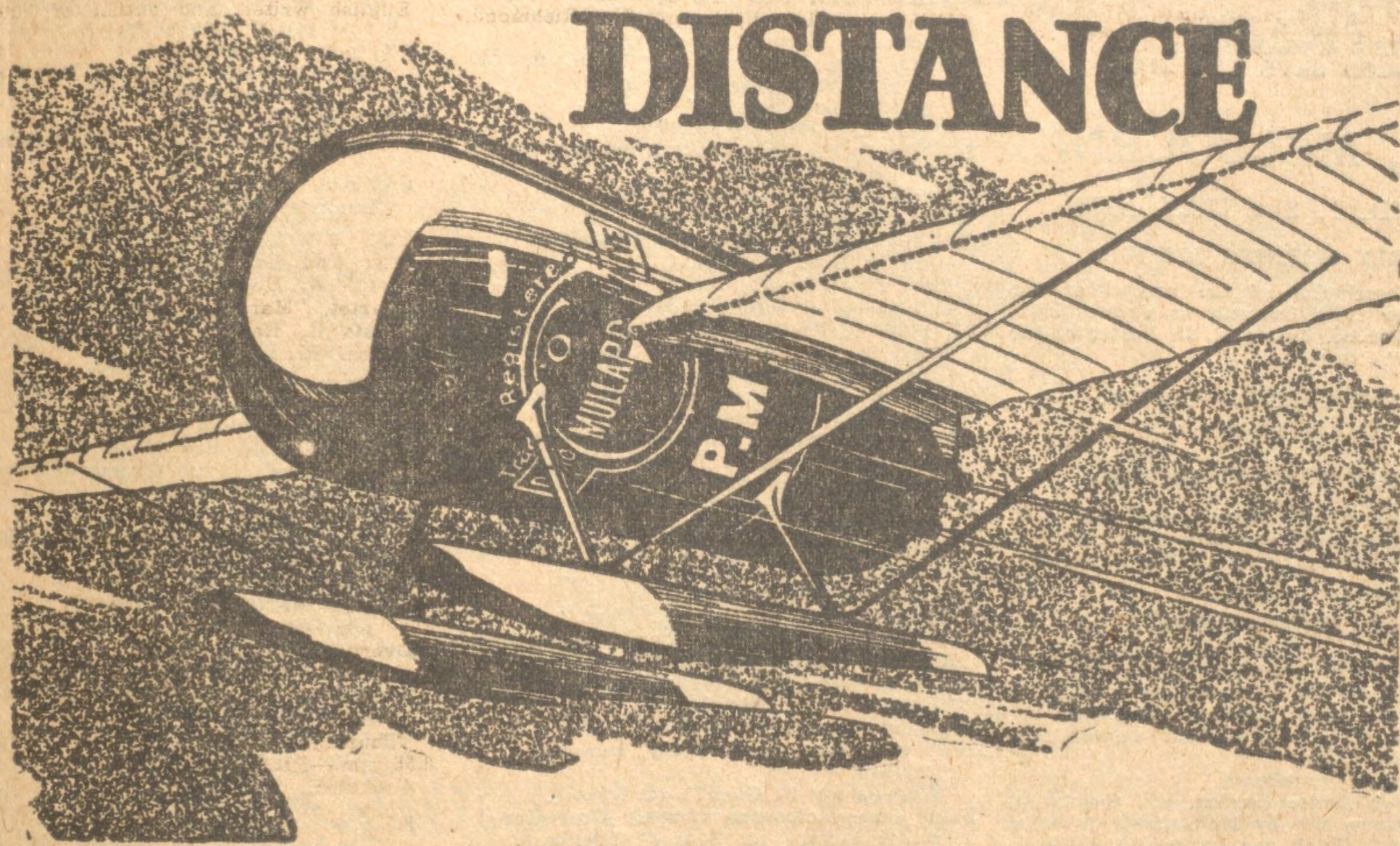

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THE·MASTER·VALVE

10.47 p.m.—NETTA RODNEY, Soubrette:
"It all depends on you" (Henderson).
"Dew, Dew, Dewy Day" (Sherman).

10.54 p.m.—PRAHRAN CITY BAND:
Fantasia, "From the Great Masters" (Rimmer).

11 p.m.—OUR GREAT THOUGHT:
"If men would permit their minds, like their children, to associate freely together; if they would agree to meet one another with smiles and frankness, instead of suspicion and defiance, the common stock of wisdom and of happiness would be centupled."—Anon.

DANCE MUSIC.

11.1 p.m.—THE VAGABONDS:
11.40 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

MONDAY, 21st MAY, 1928.

EARLY MORNING SESSION.

10 a.m.—Description of the arrival of the Mail Liner from Overseas at Princes Pier, Port Melbourne, by Mr. J. D. Porter of the "Graphic."

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

MIDDAY CONCERT SESSION.

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 Fitzroy Ponies, together with other information, will be broadcast immediately each Race is run.

2 p.m.—Ayarz Dansonians:
A half-hour Dance Session, of the latest popular dance hits by Melbourne's favorite Dance Band. Each one announced prior to its presentation.
2.30 p.m.—Melbourne Concert Orchestra:
Suite, "Woodland Sketches" (E. MacDowell).
2.50 p.m.—Mr. Howard Andrews, baritone:
"Dreams of the Dusk" (Guy d'Hardelot).
"Now Sleeps the Crimson Petal" (Roger Quilter).
2.56 p.m.—Melbourne Concert Orchestra:
Song Cycle, "On Jehlum River" (A. Woodforde-Finden).
"Canzona del Violino" (Schebek).
3.11 p.m.—Mr. Howard Andrews, baritone:
"Dedication" (Schumann).
"I Murmur Not" (Schumann).
3.19 p.m.—Ayarz Dansonians:
Fox Trot, "So Long" (Burke).
Waltz, "Ramona" (Wayne).
Fox Trot, "Indian Cradle Song" (Wayne).
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:
"Songs from the Old Folks" (arr. Lake).
4 p.m.—G.P.O. Clock says "Four."
4.1 p.m.—Second weather forecast.
4.3 p.m.—Miss Lilian Paton, mezzo-soprano:
"Ye powers that dwell below" (Gluck).
"Slumber Song" (Roger Quilter).
4.11 p.m.—Ayarz Dansonians.
4.26 p.m.—Mr. Bert Lack, flute:
"Scherzo Capriccio" (Sabathil).
4.30 p.m.—Miss Lilian Paton, mezzo-soprano:
"A Summer Night" (Goring Thomas).
"I Know a Lovely Garden" (Guy d'Hardelot).
4.38 p.m.—Melbourne Concert Orchestra:
"Rubenstein Poetry" (Urbach).
4.50 p.m.—To-night's Entertainment.
4.55 p.m.—Special Racing Report, acceptances and barrier positions for the Aspendale Park Races, by "Daybreak."
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.

EVERYBODY'S CONCERT.

7.15 p.m.—Hobby Session: "Snapshot" of the Listeners-In will speak on "Photography for Beginners."
7.25 p.m.—Sport Session: "Harlequin" presents his budget of up-to-date news and comments on Sport of the Day.
7.40 p.m.—Book Session: Mr. Alfred Firman, Chief Librarian of Mullen's, presents his rapid reviews on Books of Yesterday, To-day and To-morrow.
7.50 p.m.—Macnamara's Stock Report.
8 p.m.—G.P.O. Clock says "Eight."
8.1 p.m.—Melbourne Concert Orchestra:
Overture, "Zampa" (Herold).
Suite, "The Village Green" (Elsie April).
(a) "Morris Dance."
(b) "Young Lovers."
(c) "The Village Fair."
8.18 p.m.—Miss Ann Middleton, soprano:
"Serenade" (Gounod).
"'Tis June" (Landon Ronalds).
8.25 p.m.—Ayarz Dansonians.
8.42 p.m.—Mr. A. G. Sprey, comedian:
"In My Line" (Original).
"Maud" (Original).
8.50 p.m.—Announcements.
9.2 p.m.—Melbourne Concert Orchestra:
Selection, "Primrose" (Gershwin).
"Elegie" (Tschaikowsky).
9.18 p.m.—Mr. Ronald Brearley, 'cello:
"Larghetto" (Handel).
9.22 p.m.—Miss Ann Middleton, soprano:
"A Persian Song of Spring" (McBurney).
"Blackbird's Song" (Cyril Scott).
9.30 p.m.—"Harlequin": Sport results.
9.38 p.m.—Melbourne Concert Orchestra:
Suite, "The Fragrant Year" (Montague Ewing).
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.—Mr. Herbert Pettifer, 'cello:
"Heire Kati" (Hubay).
10.7 p.m.—Ayarz Dansonians.
10.23 p.m.—Mr. A. G. Sprey, comedian:
"Goldfish."
"Where's my 2/ Gone?" (Original).
10.31 p.m.—Melbourne Concert Orchestra:
"Ballet Suite, "La Source" (Delibes).
"In the Soudan" (Sebek).
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, "A Mountain Spring," by Henry Clarence Kendall.
11 p.m.—G.P.O. Clock says "Eleven."
"God Save the King."

4QG, BRISBANE.

MONDAY, 21st MAY, 1928.

MORNING SESSION.
10.30 a.m. to 11.30 a.m.

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

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; weather
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.—Lecturette:
"The Telephone" Mr. Inigo Jones.
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:
"Music Talk" — "The Music Man."

NIGHT SESSION.

MR. SYDNEY MAY'S PARTY.

8 p.m.—National Anthem.
8.1 p.m.—Topical chorus.
8.2 p.m.—A Thought for To-night:
"No Need for Education."
Will H. Lister.
8.4 p.m.—Overture:
"Promotion" (Moses).
The Studio Orchestra.
8.10 p.m.—Baritone solo:
"The King's Minstrel" (Pinsuiti).
Mr. V. Westacott.
8.14 p.m.—Contralto solo:
"On the Banks of Allen Water" (Moffat).
Miss M. King.
8.18 p.m.—Tenor solo:
"On Wings of Song" (Mendelssohn).
Mr. J. Land.
8.22 p.m.—Valse:
"Summer Secrets" (Taubert).
The Studio Orchestra.
8.27 p.m.—Soprano solo:
"The Enchanted Forest" (Phillips).
Miss P. McOnigly.
8.31 p.m.—Baritone solo:
"Sigh no more Ladies" (Aitken).
Mr. V. Westacott.
8.30 p.m.—Romance:
"Sympathy" (Hay).
The Studio Orchestra.
8.41 p.m.—Contralto solo:
"Habanera" from "Carman" (Bizet).
Miss M. King.
8.45 p.m.—Soprano solo:
"Ah, Lo So." "Zauberflote" (Mozart).
Miss P. McOnigly.
8.50 p.m.—Tenor solo:
"Mary of Argyle" (Nelson).
Mr. J. Land.
8.50 p.m.—Cornet solo:
"O'er This Billowy Sea" (Smith).
Soloist (Mr. H. Jackson), accompanied by The Studio Orchestra.
9 p.m.—Metropolitan weather forecast.
9.2 p.m.—Contralto solo:
"Vorrei" (Tosti).
Miss M. King.
9.7 p.m.—Soprano solo:
"The Lass with the Delicate Air" (Arne).
Miss P. McOnigley.
9.13 p.m.—Violin solo:
"Valse Silhouette" (Koesner).
Soloist (Mrs. Williams), accompanied by The Studio Orchestra.
9.17 p.m.—Baritone solo:
"Prologue" from "I'Pagliacci" (Leoncavallo).
Mr. V. Westacott.
9.21 p.m.—Tenor solo:
"A Siesta" (Squin).
Mr. J. Land.
9.25 p.m.—March: "Masaryk" (Lotter).
Studio Orchestra.
9.27 p.m.—Duet:
"Quis est homo" (Stabat Mater) (Rossini).
Misses McOnigly and M. King.
9.32 p.m.—Half an hours inpromptu Band programme by the Brisbane Citizens Band—(Conductor, Mr. A. Kaesar).
10 p.m.—"Daily Mail" news.
10.5 p.m.—Weather information.
10.10 p.m.—Close down.

5CL, ADELAIDE.

MONDAY, 21st MAY, 1928.

MIDDAY SESSION.
12 noon to 2 p.m.

AFTERNOON SESSION.

3 p.m.—G.P.O. Chimes.
3.1 p.m.—Musical numbers from the studio
3.30 p.m.—Menu talk by "Homelover."
3.45 p.m.—Musical numbers from the studio.
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.
6.30 p.m.—Dinner Music from the studio.
7 p.m.—G.P.O. Chimes.

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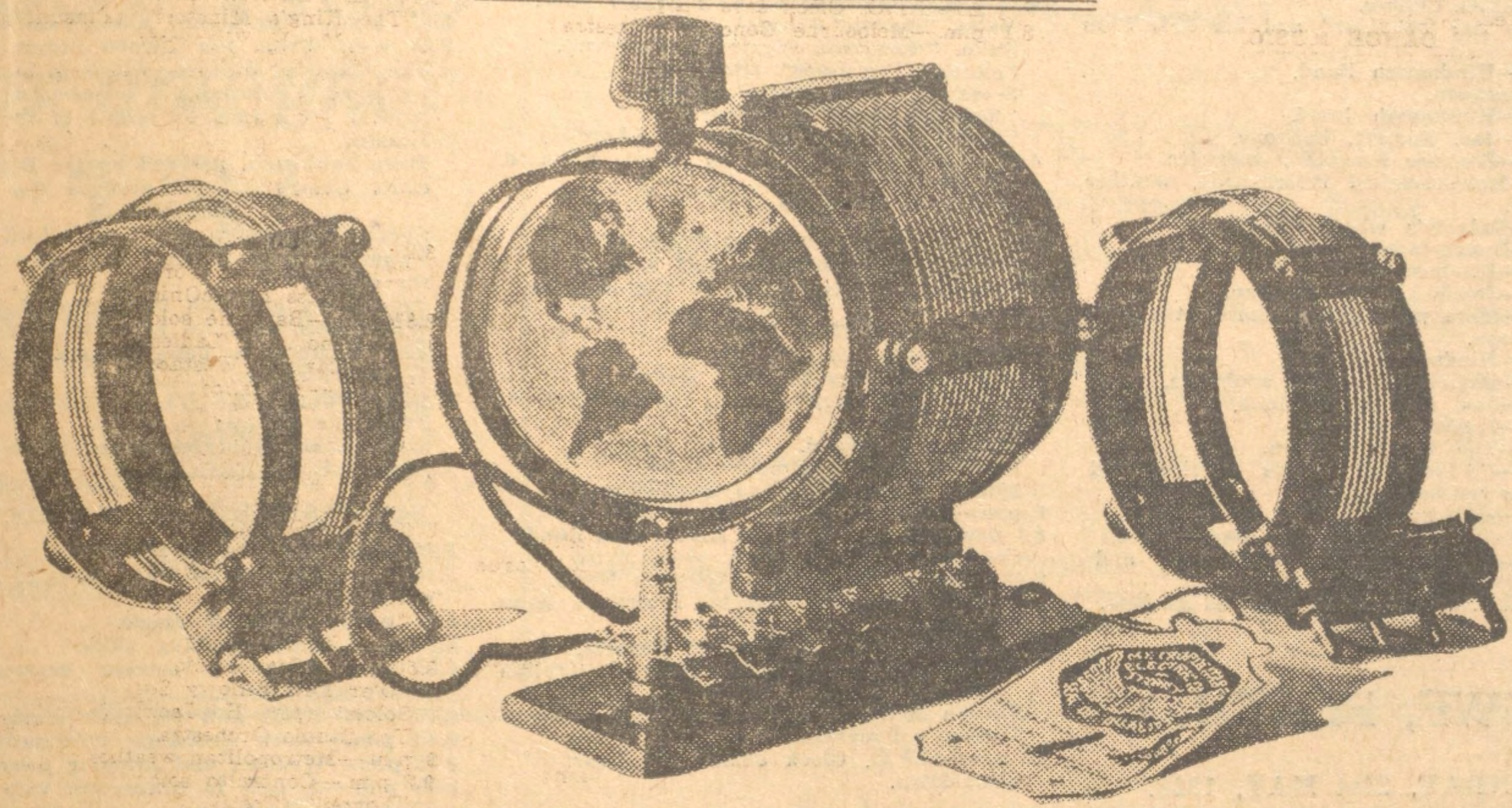

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27-29 KING STREET, SYDNEY

7.1 p.m.—General Market reports by A. W. Sandford and Co., A. E. Hall and Co., Dalgety and Co., S.A. Farmers Co-operative Union, Taylor Bros., Retail Grocer's Assocaition, Interstate Fruit and Produce Market Co., Ltd.
7.8 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
7.15 p.m.—Motor talk by Mr. B. V. Crewe.
7.30 p.m.—"The care of the clothes" a talk by Ford Bros.
7.40 p.m.—Talk arranged by the Department of Agriculture.
8 p.m.—G.P.O. Chimes.
8.1 p.m.—"The Twinkler" and his 5CL Boys Club.
8.20 p.m.—Hindmarsh Band.
vocal numbers.
8.38 p.m.—Hindmarsh Band.
8.50 p.m.—Jas. Barrett, baritone.
8.56 p.m.—Beatrice Kingston, soubrette.
9.1 p.m.—Meteorological information, weather forecast.
9.2 p.m.—Dalgety's wheat report.
9.4 p.m.—International News.
9.12 p.m.—Hindmarsh Band.
9.20 p.m.—Jessie Lewsey, soprano.
9.26 p.m.—More popular melodies by the Versatile Coon.
9.31 p.m.—Hindmarsh Band.
9.38 p.m.—Beatrice Kingston, soubrette.
9.44 p.m.—Jas Barrett, baritone.
9.47 p.m.—Hindmarsh Band.
9.57 p.m.—The Versatile Coon.
10.1 p.m.—"Advertiser" News Service, and Shipping contacts.
10.10 p.m.—Hindmarsh Band.
10.16 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.

MONDAY, 21st MAY, 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 Concert.
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.

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, and Cables.
7.45 p.m.—Talk by Lieut. Col. Le Souef, 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.—Concert Night.
Musical programme from the studio, including vocal and instrumetal 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

MONDAY, 21st MAY, 1928.

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

AFTERNOON 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.
3.15 p.m.—Selections by 7ZL Studio Trio:
Valse, "Boston" (Drigo).
Suite, "Woodland Pictures" (Fletcher).
Selection, "Aubade" (Berger).
Selection, "Rose Marie" (Friml).
"Reconciliations" (Fletcher).
Suite, "Children's Suite No 2." (Ansell).
4.15 p.m.—Fashion Talk by Aunt Edna of Brownells Ltd.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

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

NIGHT SESSION.

7.30 p.m.—Musical Selection.
7.35 p.m.—Cooking talk by "Regulo."
7.50 p.m.—"Mercury" Special Tasmanian News Service.
Weather Forecasts.
Railway Auction Produce Sales.
Hobart Stock Exchange Quotations.
8 p.m.—G.P.O. Clock chimes the hour.
8.1 p.m.—Band Concert by Risdon E.Z. Band. Conductor, Mr. A. Byrne.
9.40 p.m.—British Official Wireless News.
9.50 p.m.—"Mercury" special Interstate news service.
Tasmanian District Weather Reports.
9 p.m. Weather reports from Australian Capital Cities.
Station Announcements.
Tuesday's Programme.
10 p.m.—G.P.O. Clock chimes the hour.
Close down.

Tuesday, May 22

2FC, SYDNEY

EARLY MORNING SESSION.
A NIGHT OF SONG AND STORY.

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 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 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.—Richard Parry, basso.
1.35 p.m.—Studio music.
1.55 p.m.—Richard Parry, basso.
2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

2.55 p.m.—Programme announcements.
2.30 p.m.—From the Theatre Royal, Sydney: The Charity Matinee, which is being given by Irene Vanbrugh, in connection with the Appeal for Funds on behalf of the Havilah Homes.
Miss Vanbrugh, assisted by the Dion Boucicault Company, will produce the Comedy,
"BELINDA."
Special permission has been cabled to Miss Vanbrugh from London to produce this play for charity.
Permission has also been granted by J. C. Williamson, Ltd., to broadcast the play.
The Matinee is being organised by Mrs. Walter Swinson.
5 p.m.—"Big Ben."
From the Studio:
Stock Exchange information, third call.
5.2 p.m.—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.—A talk in connection with Empire Shopping Week.
7 p.m.—"Big Ben."
Dinner music.
7.30 p.m.—"Evening News" late news service.

EVENING SESSION.

7.40 p.m.—Programme announcements.
7.43 p.m.—George McNeilly, tenor.
7.50 p.m.—"Mr. Medley and Mr. Motley."
8 p.m.—The Metropolitan Band, conducted by John Palmer.
8.15 p.m.—Peter Gawthorne, English baritone, by permission of J. C. Williamson, Ltd.
8.25 p.m.—Ila Turnbull, soprano:
(a) "The Lorelei" (Liszt).
(b) "Devotion" (Schumann).
8.32 p.m.—The Metropolitan Band. Conductor, John Palmer.
8.43 p.m.—Edgar Warwick and Eileen Dawn: Radio Sketches.
8.53 p.m.—George McNeilly, tenor
9 p.m.—"Big Ben." Late weather forecast.
The Sydney Harmonic Choir. Conducted by William Bourne.
9.15 p.m.—Edgar Warwick and Eileen Dawn: Radio Sketches.
9.25 p.m.—Ila Turnbull, soprano:
(a) "The Unforeseen" (Cyril Scott).
(b) "The Maiden" (Parry).
9.32 p.m.—The Metropolitan Band.
9.45 p.m.—Peter Gawthorne, English baritone, by permission of J. C. Williamson, Ltd.
9.53 p.m.—The Metropolitan Band.
10 p.m.—"Big Ben." The Sydney Harmonic Choir. Conducter, William Bourne.
10.15 p.m.—The Metropolitan Band.
10.30 p.m.—Late weather forecast.
10.31 p.m.—From the Ambassadors. The Ambassadors' Dance Orchestra conducted by Al Hammet.
10.57 p.m.—From the Studio: Late news and tomorrow's programme.
11 p.m.—"Big Ben." From the Ambassadors: The Ambassadors' Dance Orchestra.
11.20 p.m.—Studio items.
11.28 p.m.—The Ambassadors.
11.45 p.m.—National Anthem. Close down.

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2BL, SYDNEY.

TUESDAY, 22nd MAY, 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.
Women's Session: Talk on "Troubles of the Foot," by Jean Gordon.
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.
12.23 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 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.
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.

EVENING 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 Rose Bay Theatre.
8.10 p.m.—Miss Millie Hughes (soprano).
8.17 p.m.—Rose Bay Winter Garden Theatre Symphony Orchestra.
8.24 p.m.—Mr. Lawrence Broadbent (baritone).
8.31 p.m.—Rose Bay Winter Garden Theatre Symphony Orchestra.
8.38 p.m.—Miss Millie Hughes.
8.45 p.m.—Rose Bay Winter Garden Theatre Symphony Orchestra.
8.53 p.m.—Mr. Lawrence Broadbent.
8.59 p.m.—Weather Report and Forecast, by courtesy of Mr. C. J. Mares, Government Meteorologist.
9 p.m.—G.P.O. Clock and Chimes.
9.1 p.m.—Sketch by Mr. Norman Barrington and Partner.
9.11 p.m.—Miss Beryl Scott (Songs at the Piano).
9.18 p.m.—Tooth's Brewery Band (Conductor, Mr. H. S. Thomas).
9.38 p.m.—Sketch by Mr. Norman Barrington and Partner.
9.48 p.m.—Tooth's Brewery Band.
10.8 p.m.—Miss Beryl Scott.
10.15 p.m.—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.
11.30 p.m.—G.P.O. Clock and Chimes.
National Anthem.

2GB, SYDNEY

TUESDAY, 22nd MAY, 1928.

MORNING SESSION.

10 a.m.—Music.
10.10 p.m.—Happiness Talk by Alfred E. Bennett.
10.20 a.m.—Music.
10.30 a.m.—Women's Session by Miss Helen J. Beegling.
11 a.m.—Close down.

AFTERNOON SESSION.

2 p.m.—Music.
2.20 p.m.—Address.
2.25 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.
H. Kesby, "Care of the Cars."
7.30 p.m.—Music.
8 p.m.—Opening Chorus.
8.2 p.m.—Violin Solos by Mr. Dan Scully.
8.8 p..m—Songs by Miss Lorraine Lincey.
8.15 p.m.—Address, Dr. P. K. Roest.
8.30 p.m.—Songs by Mr. Leslie Herford.
8.37 p.m.—Humorous Items by Mr. Lockwood Brown.
8.45 p.m.—Pianoforte Solos by Miss Ada Brook.
8.53 p.m.—Songs by Miss Lorraine Lincey.
9 p.m.—Talk.
9.20 p.m.—Humorous Items by Mr. Lockwood Brown.
9.28 p.m.—Violin Solos by Mr. Dan Scully.
9.38 p.m.—A Humorous Reading.
9.48 p.m.—Songs by Mr. Leslie Herford.
10 p.m.—Close down.

2 UW, SYDNEY

TUESDAY, 22nd MAY, 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.—Vocal and instrumental items.
8.15 p.m.—News, mails and shipping.
8.30 p.m.—Items from studio.
9.10 p.m.—Weather report.
9.14 p.m.—Instrumental items from studio.
9.30 p.m.—Dance selections and request numbers.
10 p.m.—Announcements and close down.

3LO, MELBOURNE.

TUESDAY, 22nd MAY, 1928.

EARLY MORNING SESSION.

7.15 am..—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.—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.—3LO'S CULINARY COUNSELS, or How to Create Creature Comforts with a Minimum of Cash.

POTATO CAKE AND BACON.

1-lb. cooked potatoes, 2-oz. clarified fat, add a little pepper, ½-gill milk or water, ½-lb. flour, ½-teaspoon of salt, ½-teaspoon baking powder, ½-lb. bacon.

METHOD.—Mash potatoes; (2) sift the flour, baking powder, salt and pepper, and rub in the fat; (3) Add potatoes; (4) mix very stiffly with milk; turn on to floured board—knead slightly; (5) Roll out ½-inch thick, and cut into rounds with cutter or cup; (6) cut bacon in slices, remove rind, and fry in pan till clear, turning once; (7) then fry potato cakes, adding a little fat to the pan if that from the bacon is insufficient; (8) fry the cakes slowly to cook through; (9) when brown on one side, turn over to brown the other side; (10) Lift the cakes on to a hot dish, and place a piece of bacon on top of each cake, and serve hot.

SEE VICTORIA FIRST—AND AT OUR EXPENSE.

11.5 a.m.—MISS E. NOBLE will give a talk on the important subject of making "Savory Tarts."
11.20 a.m.—Musical interlude.
11.25 a.m.—MRS. DOROTHY SILK: Homecrafts.
11.40 a.m.—Musical interlude.
11.45 a.m.—J. HOWLETT ROSS will speak on "The Shoe and its Folklore."

MIDDAY SESSION.

12 noon.—Melbourne Observatory time signal.
12.1 p.m.—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.

AN HOUR WITH THE RUSSIAN COMPOSERS.

12.20 p.m.—THE GYPSY PLAYERS: "Valse des Fleurs" (Tschaikowsky).
12.30 p.m.—ELSIE DAVIES, Soprano: "At Night" (Rachmaninoff).
12.37 p.m.—Stock Exchange information.
12.40 p.m.—THE GYPSY PLAYERS: "Meditation" (Tschaikowsky).
12.50 p.m.—BERTHA JORGENSEN, Violin: "Chant Hindoo" (Rimsky-Korsakoff).
12.57 p.m.—SENIA CHOSTIAKOFF, Tenor: "Song of the Volga Boatman" (Russian Folk Song), arranged by Jaroff.
"A Beautiful Night," Russian Folk Song.
1.4 p.m.—THE GYPSY PLAYERS: "Quartet" (Tschaikowsky).
1.11 p.m.—Meteorological information. Weather forecast and rainfall for Victoria, Tasmania, South Australia, and New South Wales. Ocean forecast. River reports.
1.18 p.m.—ELSIE DAVIES, Soprano: "To the Forest" (Tschaikowsky).
Selected.
1.25 p.m.—HELGA BRENNECKE, 'Cello: "Chanson Triste" (Tschaikowsky).
1.32 p.m.—SENIA CHOSTIAKOFF, Tenor: 'A Legend" (Tschaikowsky).
"Stenka Rahzeen" (Russian folk song).
1.39 p.m.—THE GYPSY TRIO: "Barcarolle" (Tschaikowsky).
1.45 p.m.—Close down.

AFTERNOON SESSION.

2.15 p.m.—THE VAGABONDS:
"Egypt" (Poller).
"When I'm With You" (Conely).
"When Banana Skins are Falling" (Potter)
2.24 p.m.—FRANK and FRANCIS LUIZ: Hawaiian Instrumentalists.
Song, "A Song to Hawaii."
Duet: "Akani Oi."
Duet: "Ukulele Dream Girl."
Steel Guitar: "Halona Waltz."
2.36 p.m.—THE VAGABONDS:
"Dance of the Fireflies" (Bloom).
"Hide, Hide" (Huffer).
"Russian Lullaby" (Berlin).

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2.45 p.m.—TILTON and WEST—The Joy Boys:
"Just a Bird's Eye View" (Donaldson).
"You Can't Walk Back from an Aeroplane" (Bibo).
2.52 p.m.—THE VAGABONDS:
"Down in Old Havana Town" (Friend).
"Pleading" (Jones).
"Lovely Lady."
3 p.m.—Melbourne Observatory Time Signal.
3.1 p.m.—NETTA RODNEY, Soubrette:
"It All Depends on You" (Henderson).
"On a Dew, Dew, Dewy Day" (Sherman).
3.8 p.m.—THE VAGABONDS:
"A Bungalow and You" (O'Hagan).
"Kiss and Make Up" (Miller).
"Where is My Meyer?" (Gilbert).

A LITTLE MORE SERIOUS.

3.17 p.m.—EILEEN BOYD, Contralto:
"Soul of Mine" (Barns).
"Just of Mine" (Barth).
3.24 p.m.—THE GYPSY PLAYERS:
"Little Oddities" (Confrey).
3.32 p.m.—AGNES FORTUNE, Piano:
"Duetto" (Mendelssohn).
3.40 p.m.—BOBBY PEARCE, Baritone:
"Adieu Marie" (Adams).
"Fleurette" (McGeoch).
3.47 p.m.—THE GYPSY PLAYERS:
"Martha" (Flotow).
3.57 p.m.—EILEEN BOYD, Contralto:
"Still as the Night" (Bohn).
"How Did Everybody Know" (Ewing).
4.4 p.m.—THE GYPSY PLAYERS:
"Ninon" (Wellings).

THE DANSANT.

4.10 p.m.—TILTON and WEST:
"Spring is Here" (Robinson).
"Go Wash an Elephant."
4.17 p.m.—THE VAGABONDS:
"What are You Waiting for Mary?" (Donaldson).
"Baby Mine."
"Indian Cradle Song" (Kahn).
4.26 p.m.—NETTA RODNEY, Soubrette:
"After I Say I'm Sorry."
"I Wonder How I Look When I'm Asleep" (Henderson).
4.33 p.m.—THE VAGABONDS:
"That's Dolly."
"Bless Her Little Heart" (Deunicker).
"Shanghai Dream Man" (Davis).
4.42 p.m.—Special Weather report from Adelaide for Mildura district.
4.43 p.m.—BOBBY PEARCE, Baritone:
"The Blue Dragoons" (Russell).
"My Dreams" (Tosti).
4.50 p.m.—THE VAGABONDS:
"Just a Memory" (Davis).
"I'm Lonely Without You" (Warren).
"My Blue Heaven" (Donaldson).

NEWS SESSION.

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.—BOBBY BLUEGUM:
"Songs of Happy Cheer."
And remember—a Merry Heart goes all the day!
6.40 p.m.—CAPTAIN DONALD MACLEAN:
"The Spanish Conquest."
How the Dons discovered the Treasures of the World.

NEWS AND MARKET REPORTS.

7 p.m.—Official report of Newmarket Stock Sales by the Associated Stock and Station Agents, Bourke-street, Melbourne.
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, Onions.
Market reports of Fruit by the Victorian Fruiterers' Association. Retail prices. Wholesale Fruit Merchants' Association. Citrus Fruits.

NIGHT SESSION.

7.30 p.m.—Under the auspices of the Royal Automobile Club of Victoria, C. J. P. Hodges, Secretary, will speak on:
"The Month in Motordom."
7.45 p.m.—Under the auspices of the University of Melbourne Extension Board, O. de R. Foenander, LL.M., Lecturer in European History and Economics to the University, will speak on:
"Party in Italian Politics."

OUT OF THE PAST.

8 p.m.—This is the anniversary of the wreck of the P. & O. Steamer, Malabar, at Point de Galle, Ceylon; all saved; 1860.
8.1 p.m.—F. T. KEON will speak on:
"Photography."

A MAKER OF HISTORY.

8.15 p.m.—To-day we wish Many Happy Returns to Sir Aston Webb, K.C.V.O., president of the Royal Academy, one of England's most famous architects and the designer of the general scheme of the Victoria Memorial in front of Buckingham Palace. This is one of his messages to the people of London: "Remember you are following a great calling, and are members of no mean city and Empire, and that this membership brings much responsibility. Do all you can to be worthy of it."
Birthday Greetings and Programme Announcements.

CAMP FIRE CONCERT COMPETITION.

8.16 p.m.—CONCERT BY THE FIRST COBURG TROOP:
Song: "Boys, Be Prepared" ..... Troop
Song: "A Capital Ship" ..... R. Barclay
Recitation: "Mr. Hinkler" ..... H. Homer
Song: "Whoops, Let's Do It Again" C. Barns
Violin Solo ..... R. Barns
Tit-bits."
Song: "Gold Old Yorkshire Pudding" T. Stuart
Recitation: "Sambo, Dat's Me" .. H. Homer
Song: "Back from Bangar" ..... Troop
"Titbits."
Song: "Parlez Vous" ..... G. Imrie
Song: "Pack Up Your Troubles" ... Troop
War Cry.
8.41 p.m.—ORGAN RECITAL by MANSLEY GREER, transmitted from SCOTS CHURCH, Collins-street, Melbourne, assisted by Madame Gregor Wood, contralto.
MANSLEY GREER, Organ:
"Grand Offertoire in G" (Lefebure-Wely).
MADAME GREGOR WOOD, Biblical Songs:
"By the Waters of Babylon."
"Turn Thee to Me" (Dvorak).
MANSLEY GREER, Organ:
"Spring Song" (Hollins).
MADAME GREGOR WOOD, Biblical Songs.
"I will lift mine eyes."
"God is My Shepherd" (Dvorak).
MANSLEY GREER, Organ:
"Festal Prelude in G" (Thos. Dunhill).

FROM THE STUDIO.

THE MYSTERY OF THE MARIE CELESTE.

9.11 p.m.—CAPTAIN DONALD MACLEAN will conclude this fascinating story of the ship without a crew.

MUSICAL COMEDY.

9.20 p.m.—THE SECOND ACT OF "THE GIRL FRIEND," transmitted from Theatre Royal, by permission of J. C. Williamson, Ltd.
A MUSICAL COMEDY, adapted from P. Bartholomae and Otto Harbach's "Kitty's Kisses," by R. P. Weston and Bert Lee. Music and Lyrics by Con Conrad, Gus Kahn, Richard Rodgers and Lorenz Hart, with

ANNIE CROFT

Her first appearance in Australia.
PRODUCED BY FREDERICK BLACKMAN.
Caracters:
'In order of their appearance.)
Porter ..... DAN NIBLO
Mrs. Burke ..... ROSIE LE VARDE
Mr. Burke ..... HARRY WOTTON
A Girl on the Train ..... WINNIE TATE
A Country Girl ..... TUI BLACK
Robert Mason ... REGINALD SHARLAND
(First appearance in Australia.)
Kitty Brown ..... ANNIE CROFT
(First appearance in Australia.)
2 p.m.—Ayarz Dansonians.
Jennie ..... LORNA HELMS
(First appearance in Musical Comedy.)
Jerry ..... LEO FRANKLIN
Miss Wendell ..... ROWENA RONALD
Phillip Dennison .... FRANK LEIGHTON
Johnny ..... DAN NIBLO
Richard Dennison ..... GUS BLUETT
Mrs. Dennison ..... MARIE LE VARRE
Hotel Visitor ..... WINNIE TATE
Night Clerk .. FREDERICK CONYNGHAM
Mary ..... KATIE TOWERS
1st Bell Boy ..... BILLY FREEMAN
2nd Bell Boy ..... CHARLIE BOYD

ACT II.—Scene 1.

The Blue Bridal Suite of the Hotel Wendell.
(Later the same evening)
(During the scene the lights will be lowered to denote the passing of seven hours.)
Scene II.—A corridor in the Hotel.
Scene III.—The Garden of the Hotel Wendell.

MUSICAL NUMBERS.

ACT II.—Scene 1.

Intermission.
Opening Chorus .... ROWENA RONALD and Girls
"I'm in Love" ..... ANNIE CROFT
"Early in the Morning GUS BLUETT and ANNIE CROFT
"What's the Use of Crying" GUS BLUETT and ANNIE CROFT
"Just Imagine It" LORNA HELMS and LEO FRANKLIN
"I Don't Want Him" .... ANNIE CROFT and GUS BLUETT and MARIE LE VARRE
"Mountain Scenery" ..... ANNIE CROFT and REGINALD SHARLAND

SCENE II.

"Step on the Blues" .... LORNA HELMS and COMPANY

SCENE III.

Finale.

FROM THE STUDIO.

10.40 p.m.—"Argus" news service. Meteorological information. British Official Wireless news from Rugby. Announcements. Shipping information Sporting notes by "Olympus." Lacrosse Notes by Mr. H. R. BALMER, Hon. Gen. Sec. Vic. Lacrosse Association.
THE ROYAL AUTOMOBILE CLUB OF VICTORIA'S SAFETY MESSAGE FOR TO-DAY IS:—"Never turn the steering wheel while the car is standing still. This puts a severe and unnecessary strain on all steering gear parts, and is bad for tyres."
WOULD YOU LIKE A HOLIDAY?—SEE VICTORIA FIRST—HAVE YOU ENTERED FOR OUR FREE TRIP TO BUFFALO?
10.50 p.m.—THE VAGABONDS:
"A Shady Tree" (Donaldson).
"Dream Kisses" (Yellen).
"I Told Them All About You" (Friend).
Result of Victorian Railway Institute Boxing and Wrestling Tournament.
11 p.m.—OUR GREAT THOUGHT:
"A grub when it dies splits open. A remarkable change occurs, and a butterfly comes forth. I am investigating the butterfly existence of human life."
BRISK GIDDY PACED ECHOES OF THE TIMES.
To which we dance.
11.1 p.m.—THE VAGABONDS.
11.40 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

TUESDAY, 22nd MAY, 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.

ORCHESTRAL DANCE CONCERT.

During the afternoon a description of the departure of the mail liner for London, half an hour before leaving Princes Pier by Mr. J. D. Porter, of the "Graphic."

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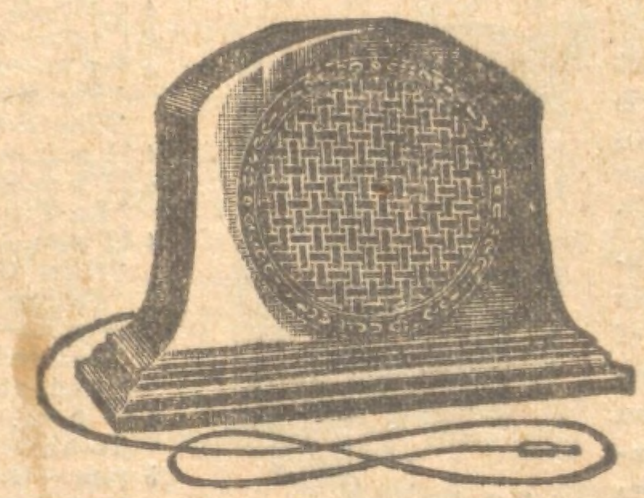

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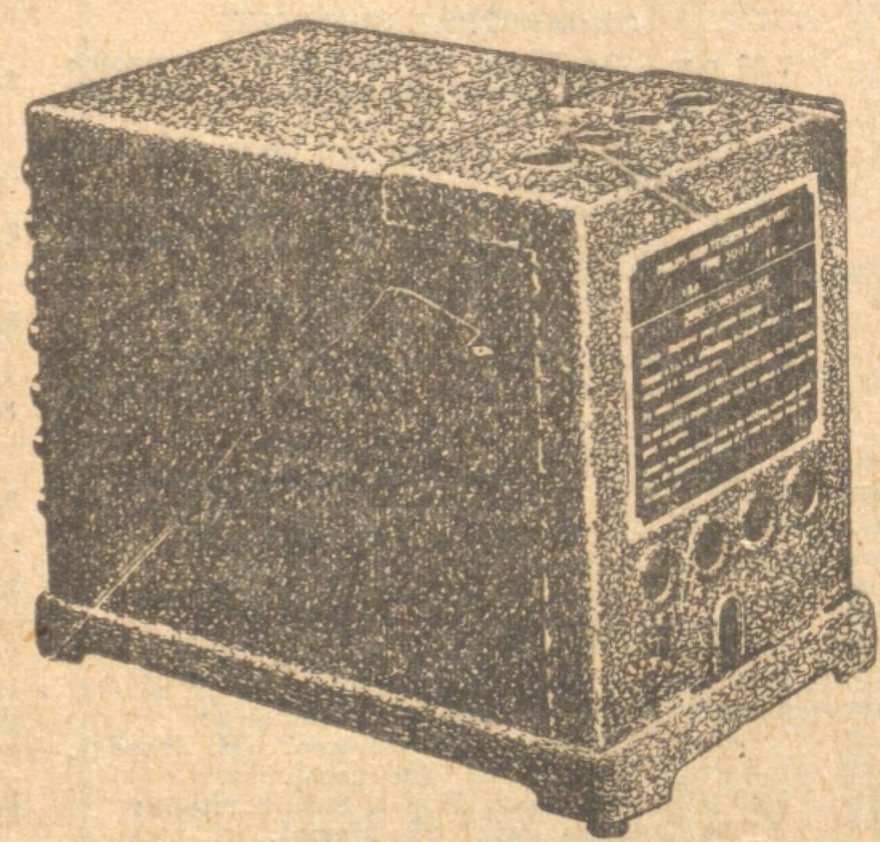

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A half-hour Dance Session by Melbourne's favorite Dance Band. All the latest popular hits, each one announced prior to its presentation.
2.30 p.m.—Melbourne Concert Orchestra:
"Sylvan Sketches" (H. Helm).
"Three Little Oddities" (Zey Confrey).
"March of the Dwarfs" (Moritz Moszkowski).
2.48 p.m.—Miss Dorothy Eyton-Jones, contralto:
"Love's Garden of Roses" (Wood).
"Turn once again" (Giordani).
2.55 p.m.—Melbourne Concert Orchestra:
"Der Zarewitsch" (Franz Lehar).
3.12 p.m.—Mr. Ken Code, Trombone:
"Serenade" (Schubert).
3.15 p.m.—Miss Dorothy Eyton-Jones, contralto:
"Summer Rain" (James).
"Old English Love Song" (Allitsen).
3.22 p.m.—Ayarz Dansonians:
Fox trot, "So Long" (Burke).
Waltz, "Ramona" (Wayne).
3.30 p.m.—Interval Announcements.
3.35 p.m.—Mademoisselle Juenesse. Talk on Timely Topics of interest to our Lady Listeners.
3.45 p.m.—Melbourne Concert Orchestra:
"Three Eastern Sketches" (Richard Howgill).
"Two Entr'actes" (Vincent Thomas).
4 p.m.—G.P.O. Clock says "Four."
4.1 p.m.—Second Weather forecast.
4.3 p.m.—Mr. William Mack, baritone:
"My Beloved Queen" (Rose).
"The Sea Road" (Wood).
4.11 p.m.—Ayarz Dansonians:
4.27 p.m.—Mr. Bert Lack, flute:
"La Traviator, Concert-Walzer" (Popp).
4.31 p.m.—Mr. William Mack, Baritone:
"Nita Gitana" (Newton).
"Father O'Flynn" (Stanford).
4.39 p.m.—Melbourne Concert Orchestra:
"Remembrance of Joseph Strauss" (Fetras).
"Andante" (Golterman).
4.55 p.m.—Announcements.
To-night's Entertainment.
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.

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." "Tension."
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 report.
8 p.m.—G.P.O. Clock says "Eight."
8.1 p.m.—Melbourne Concert Orchestra:
Selection, "On with the Show" (Horatio Nicholls).
Suite, "Romantic" (Cecil Stanley).
8.17 p.m.—Mr. John Hobbs, bass baritone:
"She alone charmeth my sadness" (Gounod).
"At Loves' Beginning" (L. Lehmann).
8.25 p.m.—Ayarz Dansonians.
8.41 p.m.—Miss Valerie Walsh, contralto:
"Queen Mary's Song" (Ed. Elgar).
"Western Wind" (May Brahe).
8.49 p.m.—Announcements.
9 p.m.—Melbourne Concert Orchestra:
Suite, "Three famous pictures" (H. Woods).
Suite, "Andalusia" (Miramontes).
9.22 p.m.—Mr. John Hobbs, bass baritone:
"At Grenden Fair" (T. Marie).
"An Old Garden" (H. Temple).
9.30 p.m.—"Harlequin." Sport results.
9.38 p.m.—Ayarz Dansonians:
Fox trot, "I'll be lonely" (Woods).
Waltz, "The Song is ended" (Berlin).
Fox trot, "Are you happy" (Ager).
Fox trot, "Following you around" (Kahn).
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 Myrtles of Damascus" (A. Woodforde-Finden).
Selection, "Poppy" (Jones and Samuels).
10.21 p.m.—Miss Valerie Walsh, contralto:
"Night Song" (Cyril Scott).
"Michael's Flute" (Walter Rolfe).
10.29 p.m.—Miss Ethel Brearley, piano:
"Wiegenlied" (Brahms).
10.33 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, "An Old Bush Road" by Jennings Carmichael.
11 p.m.—G.P.O. Clock says "Eleven."
God Save the King.

4QG, BRISBANE

TUESDAY, 22nd MAY, 1928.

MORNING SESSION.
10.30 a.m. to 11.30 a.m.

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

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.—Dinner music.
6.28 p.m.—Announcements.
6.30 p.m.—Bedtime stories by "Uncle Ben and 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:
"Poultry Talk" by Mr. P. Rumball (Poultry Instructor.

NIGHT SESSION.

8 p.m.—From St. Barnabas.
National Anthem.
8.2 p.m.—Song:
"Melisande in the Wood" (Goetz).
Mrs. E. Bristow.
8.7 p.m.—Pianoforte solo:
Selected.
Miss Kitty Miller, L.A.B., L.T.C.L.
8.13 p.m.—Song:
"A May Morning" (Benza).
Mr. J. Trezise.
8.17 p.m.—Recitation. Selected.
Mr. J. Morrison.
8.22 p.m.—Song:
"Forest Echoes" (Montague Phillips).
Miss Gladys Goldsmith.
8.28 p.m.—Song:
"Bid Me to Love" (Barnard).
Mr. J. Trezise.
8.34 p.m.—Painoforte solo:
"Traumeri" (Schubert).
Mr. Philip Frith.
8.40 p.m.—Song:
"Over the Meadows" (Molly Carew).
Miss Glayds Goldsmith.
8.47 p.m.—Monologue: Humorous.
Mr. J. Morrison.
8.50 p.m.—Song:
"Salaam" (Lang).
Mrs. E. Barstow.
9 p.m.—From the Studio:
Metropolitan forecast.
9.2 p.m.—From St. Barnabas Hall:
Dance programme by St. Barnabas Orchestra.
10 p.m.—From the Studio:
"Daily Mail" news.
10.5 p.m.—Weather information.
10.10 p.m.—Close down.

5CL, ADELAIDE

TUESDAY, 22nd MAY, 1928.

MIDDAY SESSION.
12 noon to 2 p.m.

AFTERNOON SESSION.

3 p.m.—G.P.O. Chimes.
3.1 p.m.—Musical numbers from the studio.
3.45 p.m.—Talk by Rev. G. E. Hale, B.A.
"When Mercy seasons Justice."
4.1 p.m.—Musical numbers from the studio.

4.57 p.m.—S. C. Ward and Co.,s Stock 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.
6.30 p.m.—Dinner Music.
7 p.m.—G.P.O. Chimes.
7.1 p.m.—General Market reports by A. W. Sandford and Co., A. E. Hall and Co., Dalgety and Co., S.A. Farmers Co-operative Union, Taylor Bros., Retail Grocer's Association, Interstate Fruit and Produce Market Co., Ltd.
7.8 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
7.15 p.m.—"Windbag's" Spporting Service.
7.20 p.m.—Extracts from "News Bulletin."
7.25 p.m.—Gardening talk Lasscocks Nurseries, Lockleys.
7.35 p.m.—Talk by Mr. T. C. Woodham.
7.55 p.m.—Station Announcements.
8 p.m.—G.P.O. Chimes.
8.1 p.m.—Railways Band.
8.10 p.m.—J. Toms, a whistling novelty.
8.16 p.m.—Railways Band.
8.25 p.m.—One Act Play by Frank Johnstone and Kath Wishart.
8.40 p.m.—J. Toms, whistler.
8.46 p.m.—Railways Band.
8.55 p.m.—Harold Durdin, basso.
9.1 p.m.—Meteorological information, weather forecast.
9.2 p.m.—Dalgety's wheat report.
9.4 p.m.—International News.
9.12 p.m.—Allegro Intrumental Trio.
9.18 p.m.—Alice Burke, soprano.
9.21 p.m.—Frank Johnstone, recital.
9.28 p.m.—Railways Band.
9.35 p.m.—Harold Durdin, basso.
9.38 p.m.—Allegro Instrumental Trio.
9.46 p.m.—Alice Burke, soprano.
9.52 p.m.—Railways Band.
10.1 p.m.—"Advertiser" News Service.
10.8 p.m.—"Windbag's" Sporting Service.
10.13 p.m.—Allegro Instrumental Trio.
10.18 p.m.—Railways Band.
10.25 p.m.—Allegro Instrumental Trio.
10.32 p.m.—Glenelg Maison Dance Band.
10.55 p.m.—Station announcements, meteorological information, and to-morrow's programme.
11 p.m.—G.P.O. Chimes and National Anthem.

6WF, PERTH.

TUESDAY, 22nd MAY, 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.

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.

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 and Cables
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.—A Relayed Concert.
Metropolitan Orchestral Society Concert.
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, commencinug at 6.45 p.m.

Murdoch's—forever first with all that's new in radio!

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S625 SCREEN GRID Valve

THE most remarkable advance ever made in High Frequency Amplification. The S 625 is designed in such a way that inter-electrode capacity is nullified by the introduction of a screening grid and by the method used in mounting the electrodes. An amplification of 30 to 50 per stage may be obtained. With two S 625 type Valves operating under the specified conditions, it is possible to obtain an overall amplification up to 1000 times.

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Holder, with Screen, for above Valve ..... 6/9 each

—*and here's the* "Microstat"

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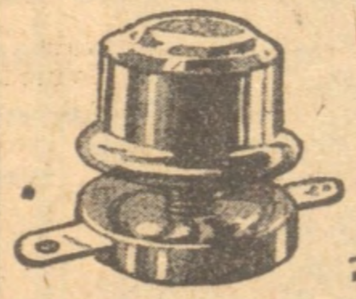

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"Specialists in all Radio Equipment."

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7ZL, HOBART

TUESDAY, 22nd MAY, 1928.

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

AFTERNOON 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:
Inorceau, "Ninon" (Noelck).
Valse, "La Patineurs" (Waldteufel).
Selection, "Persian Garden" (Lehman).
Piano Selection, Mr. Arthur Roberts.
Ballet, "Egyptian" (Lugini).
March, "Ravenswood" (Rimmer).
4.15 p.m.—Educational Talk.
4.30 p.m.—Close down.

EARLY EVENING SESSION.

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

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.
8.1 p.m.—Broadcast by Direct Wire from Prince of Wales Theatre, Hobart, Selections by Prince of Wales Orchestra.
Conductor, Mr. E. J. McCann.
9.40 p.m.—British Official Wireless News.
9.50 p.m.—"Mercury" Special Interstate News Service.
Ships within Wireless range.
Tasmanian District Weather Reports.
9 p.m. Weather forecast.
Weather reports from Australian Capital Cities.
Station Announcements.
Wednesday's Programme.
10 p.m.—Close down.

Wednes., May 23

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.
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 announcements.
3.5 p.m.—From the Christ Church, St. Laurence:
An Organ Recital by Christian Helleman.
3.20 p.m.—From the Studio:
Nellie Kemp, soprano.
3.25 p.m.—From the Christ Church, St. Laurence:
Organ solos by Christian Hellemann.
3.40 p.m.—From the Studio:
May Craven, mezzo:
"Jenny Nettles."
3.45 p.m.—From the Christ Church, St. Laurence: Items from the Organ Recital by Christian Hellemann.
4 p.m.—From the Studio:
Nellie Kemp, soprano.
4.5 p.m.—From the Christ Church, St. Laurence: Concluding items of the Organ Recital by Christian Hellemann.
4.20 p.m.—From the Studio:
May Craven, mezzo:
"The Ash Tree" (MacCunn).
4.25 p.m.—Mary Judd, violinist:
(a) "Serenade" (Drdla).
(b) "Menuet" (Paderewski).
4.35 p.m.—Popular records.
4.45 p.m.—Stock Exchange, third call.
4.47 p.m.—Mary Judd, violinist:
(a) "On Wings of Song" (Mendelssohn).
(b) "Deutcher Tanz" (Dittersdorf).
4.57 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, assisted by Uncle Rus and "Jerry."
6.25 p.m.—Cnildren'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.—A talk in connection with Empire Shopping Week.
7 p.m.—"Big Ben." Dinner music.
7.30 p.m.—Late "Evening News" news service.

EVENING SESSION.

DANCE NIGHT.

Farewell to Raymond Ellis at a "Studio Warming."
7.40 p.m.—Programme announcements.
7.45 p.m.—Miss Persia Campbell, on behalf of the Workers' Educational Association, will give a talk on "International Relations."
8 p.m.—"Big Ben." Raymond Ellis, English operatic baritone. (Final appearance prior to his return to England.)
8.10 p.m.—"Mr. Medley and Mr. Motley."
8.20 p.m.—Bryson Taylor, tenor.
8.28 p.m.—A novel competition for listeners.
8.38 p.m.—The 2FC Dance Band, conducted by Cec. Morrison.
Note.—To-night is a "Studio Warming" in which a number of 2FC artists will take part.
8.48 p.m.—Reginald Hayward, baritone.
8.56 p.m.—Charles Lawrence, entertainer.
9.2 p.m.—Late weather forecast
9.3 p.m.—The 2FC Dance Band.
9.13 p.m.—Raymond Ellis, English operatic baritone:
Request numbers.
9.20 p.m.—The 2FC Dance Band.
9.30 p.m.—Charles O'Mara, entertainer:
(a) "Molly Bawn" (Samuel Lover).
(b) "Phil, the Fluter's Ball" (French and Collinson).
9.37 p.m.—The 2FC Dance Band.

9.45 p.m.—Bryson Taylor, tenor.
9.52 p.m.—The 2FC Dance Band, conducted by Cec. Morrison.
10 p.m.—"Big Ben." Charles Lawrence, entertainer.
10.6 p.m.—The 2FC Dance Band.
10.15 p.m.—Reginald Hayward, baritone.
10.22 p.m.—The 2FC Dance Band.
10.30 p.m.—Late weather forecast. Charles Lawrence, entertainer.
10.35 p.m.—The 2FC Dance Band.
10.44 p.m.—Charles O'Mara, entertainer:
(a) "The Low Backed Car" (Lover).
(b) "Mulligan's Picture Show" (Weston and Lee).
10.50 p.m.—The 2FC Dance Band.
11 p.m.—"Big Ben." National Anthem. Close down.

2BL, SYDNEY.

WEDNESDAY, 23rd MAY, 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 "Motoring," by Miss 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 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 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 the Studio.
2.20 p.m.—News from the "Sun."
2.30 p.m.—Musical Programme 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; Exercises on Health by Mr. Walter E. Withrow.
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; 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.—News from the "Sun."

HEADPHONES!

The N. & K. Type
Perfection in Head Phones has been the long awaited desire of amateur wireless enthusiasts. The N. & K. type has acquired the acme of perfection in clarity of reception, strength and comfort. Price, 17/6

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6 volt, ·25 amps.
"Harmonique" Valves have proved their reliability in power and economy, and are recognised as the only "quality" valves so keenly priced. They may be used on all types of wireless sets. For such an excellent valve the price is exceptional. .. 5/-

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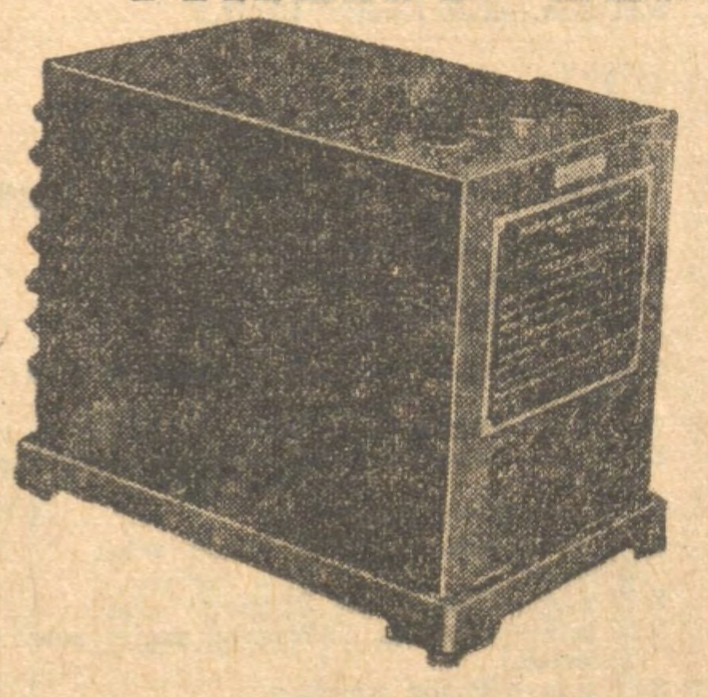
It has been proved that to-day the care of wireless instruments is a much more intricate study than it was in past years. If you are having trouble with reception that you cannot define, call and see Farmer's expert, who will be pleased to give advice.

If it is repairs you need, he will be able to suggest some efficient accessory or part.

Wireless Department, First Floor, Market Street.

PHILIPS ELIMINATOR



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Excellent Value
There can be no possible doubt that Philips Eliminator is the most efficient instrument obtainable. It has been thoroughly tested and its reliable qualities proved. There is absolutely no hum or crackle. It can be installed in any type of valve receiver, entirely eliminating all "B" battery troubles. Price, £9/15/-

Farmer's do not pay the carriage on wireless goods or accessories.

Pitt, Market and George Streets, Sydney.

Magic Chrome

Ah! you youngsters do not know the meaning of Love! Nor what sacrifices we endured to prove our devotion.

When I read of some ancient hero jumping into the jaws of lions to rescue his lady's glove, I only smile. Was I not a greater hero?

At the early age of eight, I adored a young lady of 18, who was learning to paint. She used stale bread to rub out mistakes in her sketching, and I—I—stole some of those bread droppings and ate them! Thus I hoped to keep something of hers near my heart, —could devotion go further?

That was the first time I heard of "Chrome." The charmer got her sunset effects with a yellow paint called Chrome Lake.

Little did I dream then that the day would dawn when that mystic word Chrome would be associated for me with something infinitely more precious and faithful than my Lady of the Breadcrumbs.

I refer, of course, to the Burgess Battery, sold by—no, that comes in at the foot.

To-day Chrome is a magic material which is famous in the finest steel, the longest living leather, the best paint. If matrimony could be made chromatic, it would be full of color and sparkle and guaranteed to last.

One of the secrets of the Burgess Battery has been the cause of its extremely long life, its endurance in the heart of New Guinea or on the ice floes of the Pole. That secret was the use of Chrome.

Next time you listen to the perfect radio music made possible only by this superb dry cell battery, you can tell your friends that they can thank Chrome for keeping their battery indefinitely good.

The Australian house of Chrome Burgess Batteries is 280 Castlereagh Street, at the abode of New System Telephones Pty. Ltd. But any really high-class radio dealer will supply you with a Burgess.*

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.—Organ Recital by Mr. Arnold Mote, broadcast from Haberfield Methodist Church.
9.0 p.m.—G.P.O. Clock and Chimes; Weather Report and Forecast, by courtesy of Mr. C. J. Mares, Government Meteorologist.
9.1 p.m.—Mr. F. Stewart Jarbo (Elocutionist).
9.8 p.m.—The Ashfield District Band.
9.23 p.m.—Mr. Gordon Ireland (Songs at the Piano).
9.30 p.m.—The Ashfield District Band.
9.45 p.m.—Mr. F. Stewart Jarbo.
9.52 p.m.—Mr. Gordon Ireland.
9.59 p.m.—Resume of Following Day's Programme.
10.4 p.m.—Mr. Claude Corbett, Sporting Editor of the "Sun," will talk on General Sporting.
10.15 p.m.—Results from Stadium; 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, 23rd MAY, 1928.

MORNING SESSION.

10 a.m.—Music.
10.10 p.m.—Happiness Talk.
10.30 a.m.—Women's Session by Miss Helen J. Beegling.

AFTERNOON SESSION.

2 p.m.—Music.
2.20 p.m.—Address.
2.25 p.m.—Music.

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.
7.30 p.m.—Talk.
8 p.m.—Opening Chorus.
8.2 p.m.—Humorous Items by Mr. Tommy Clyde.
8.9 p.m.—Violin Solos by Miss Phyllis Campbell
8.15 p.m.—Address by F. Houstone, B.A.
8.30 p.m.—The Ladies' Choir.
Song Cycle.
"Lilies of the Valley" by Liza Lehman.
9 p.m.—Talk.
9.20 p.m.—Violin Solos by Miss Phyllis Campbell.
9.30 p.m.—Humorous Items by Mr. Tommy Clyde.
9.37 p.m.—The Ladies Choir.
9.44 p.m.—Pianoforte Solos by Miss Dorothy Farmer.
9.51 p.m.—The Ladies' Choir.

2UW, SYDNEY

WEDNESDAY, 23rd MAY, 1928.

EVENING SESSION.

7 p.m.—Studio items.
7.10 p.m.—Where to go session.
7.14 p.m.—Dinner music.
7.45 p.m.—Miss Tyerman, pianoforte solo. Selected.
7.51 p.m.—Studio selection.
7.55 p.m.—Miss Doris Fitzmaurice, elocutionist: Selected.
8.2 p.m.—News items.
8.12 p.m.—Mr. Lovedee, banjo solo: Selected.
8.18 p.m.—Item from Studio.
8.25 p.m.—Miss G. Tyerman, paino solo: Selected.
8.32 p.m.—Studio selection.
8.36 p.m.—Weather forecast.
8.40 p.m.—Mr. Lovedee, banjo solo: Selected.
8.48 p.m.—Studio item.
8.52 p.m.—Miss Doris Fitzmaurice, elocutionist: Selected.
9 p.m.—Talk by Mr. J. M. Prentice—the original Uncle Jack of 2BL.
9.20 p.m.—Request numbers.
9.45 p.m.—Dance music.
10 p.m.—Announcements and close down.

3LO, MELBOURNE

WEDNESDAY, 23rd MAY, 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.—Morning Melodies.
8.5 a.m.—NEWS; Sporting Information; Shipping; Stock Exchange Fluctuations.
8.13 a.m.—Morning Melodies.

MORNING SESSION.

11.0 a.m.—3LO's CULINARY COUNSELS, or How to Create Creature Comforts with a Minimum of Cash.

ABERDEEN SAUSAGE.

1lb. lean steak, ½lb. bacon, 2 small teacups of bread crumbs, 1 dessertspoon Worcester sauce, 1 dessertspoon tomato sauce, 1 egg, salt and pepper.

Mince the steak and bacon finely or put through a mincer; add bread crumbs, sauce, salt and pepper, and lastly the well beaten egg. Mix all well together. Turn on to a floured cloth, sausage shape, tie at both ends and put into boiler of boiling water and boil gently for two hours. Remove cloth and cover with crisp browned bread crumbs and serve cold.

WOULD YOU LIKE A HOLIDAY AT OUR EXPENSE?
SEE VICTORIA FIRST!

11.5 a.m.—HOUSEHOLD LAUNDRY PROBLEMS—S. SHELDON will talk on: "Water and Soaps."
11.20 a.m.—Musical Interlude.
11.25 a.m.—MRS. M. CALLAWAY MAHOOD will speak on "Window Treatment"—Part 1.
11.40 a.m.—Musical Interlude.
11.45 a.m.—MRS. CLARENCE WEBER, the Physical Culture Expert:
"Warding off Colds."
Colds due to congestion—Often caused by errors of diet—Nasal breathing essential to health—Special nostril treatment and drill —Suggestions for preventing colds—Simple cure of colds.

MIDDAY SESSION.

12.0 noon.—Melbourne Observatory Time Signal.
12.1 p.m.—Australian Mines and Metals Association from the London Stock Exchange this day; British Official Wireless News from Rugby; Reuter's and the Australian Press Asociation Cables; "Argus" News Service.
12.20 p.m.—JOHNSTON'S STUDIO BOYS:
March, "Sans Souci."
Overture, "Victoria Cross."
12.30 p.m.—TILTON AND WEST, The Joy Boys:
"On My Ukulele" (Parish).
"Mama's Gone Young" (Weston).
12.37 p.m.—Stock Exchange Information.
12.40 p.m.—JOHNSTON'S STUDIO BAND:
Cornet solo, "Debutante," Soloist, J. Robinson.
March, "Viscount Nelson."
12.47 p.m.—FRANK AND FRANCIS LUIZ:
Duet, "Hanna Lei."
Steel Guitar, "Kalima Waltz."
Duet, "My Sweet Hawaiian Hula Girl."
Song, "Tell Me Little Gypsy."
1.0 p.m.—Melbourne Observatory Time Signal.
1.1 p.m.—JOHNSTON'S STUDIO BOYS:
Intermezzo, "Bells Across the Meadows."
1.8 p.m.—Meteorological Information; Weather Forecast; Victoria, New South Wales, South Australia and Tasmania; Ocean Forecasts; River Reports.
1.15 p.m.—NETTA RODNEY, Soubrette:
"I'm Looking for a Girl Named May" (Stept).
"She's Got It" (Akst).
1.22 p.m.—JOHNSTON'S STUDIO BOYS:
"Chanson Indou."
March, "The Black Knight."

ROTARY CLUB LUNCHEON.

1.30 p.m.—Address Transmitted from The Hotel Australia, Collins St., Melbourne.

AFTERNOON SESSION.

2.15 p.m.—Description of Hurdle Race, two miles, from Aspendale Park Races, by Eric Welch.

2.25 p.m.—THE STATION ORCHESTRA: Victor Herbert's Favorites.
(1) March of the Toys. (Babes jn Toyland.)
(2) Absinthe Frappe. (It happened in Nordland.)
(3) Because You're You. (The Red Mill.)
(4) When You're Away. (The Only Girl.)
(5) I Can't do the Sum. (Babes in Toyland.)
(6) I'm Falling in Love with Some One. (Naughty Marietta.)
(7) Gypsy Love Song. (Fortune Teller.)
(8) Italian Street Song. (Naughty Marietta.)
(9) Kiss Me Again. (Mlle. Modiste.)
(10) The Irish Have a Great Day To-night. (Eileen.)
The arrangement is prepared by Harold Sanford.

2.35 p.m.—ELSIE DAVIES, Soprano:
"Waltz Song," Southern Maid.
"Ava Maria," accompaniment by the Station Orchestra (Mascagni).

2.42 p.m.—Description of Novice Handicap, 5 furlongs, ASPENDALE PARK RACES, by Eric Welch.

2.50 p.m.—THE STATION ORCHESTRA:
"The Girls of Gottenberg" (Monckton).

3.0 p.m.—SENIA CHOSTIAKOFF, Tenor:
"Autumn Asters" (Harito).
"The Star" (Rogers).

3.7 p.m.—THE STATION ORCHESTRA:
"Dream Melody" (Herbert).

3.12 p.m.—Description of Aspendale Plate, 6 furlongs, ASPENDALE PARK RACES, by Eric Welch.

WITH THE RAGGLE TAGGLE GYPSIES.

3.20 p.m.—THE GYPSY PLAYERS:
"Gypsy Serenade" (Nehl).

3.29 p.m.—ELSIE DAVIES, Soprano:
"Vio che Sapete." m
Aria from "Cavalleria Rusticana" (Mascagni).

3.36 p.m.—THE GYPSY PLAYERS:
"Suite Bohemian" (Hume).

3.45 p.m.—Description of Aspendale Park Handicap, one mile, ASPENDALE PARK RACES, by Eric Welch.

3.50 p.m.—J. ALEXANDER BROWNE, Baritone:
"Come to the Fair" (E. Martin).
"Crown of the Year" (E. Martin).

3.57 p.m.—THE GYPSY PLAYERS:
"Love Song" (Nevin).
"Souvenir de Venice" (Quinn).

CAFE CHANTANT.

4.7 p.m.—NETTA RODNEY, Soubrette:
"Here Am I Broken Hearted" (Henderson).
"She Belongs to Me" (Denniker).

4.14 p.m.—Description of Aspendale Purse, 7½ furlongs, ASPENDALE PARK RACES, by Eric Welch.

4.20 p.m.—THE STATION ORCHESTRA:
"Selection of Hawaiian Melodies."

4.25 p.m.—J. ALEXANDER BROWNE, Baritone:
"A Little White Horse" (D. Gibson Smythe)
"In Your Dear Eyes" (D. Gibson Smythe).

4.31 p.m.—THE STATION ORCHESTRA:
Selection, "Count of Luxembourg" (Lehar).

4.37 p.m.—SENIA CHOSTIAKOFF, Tenor:
"Do Not Scold Me, Dear" (Dybuck).
"Diane" (Erno Ropee).

4.42 p.m.—Description of Jumpers' Flat Race, 1¼ miles, ASPENDALE PARK RACES, by Eric Welch.

4.50 p.m.—Special Weather Report from Adelaide for Mildura district.

4.51 p.m.—NETTA RODNEY, Soubrette:
"You're So Easy to Remember" (Woods).
"Smile and Keep A-Smiling" (Warner).

4.57 p.m.—FRANK AND FRANCIS LUIZ:
Duet, "Behind Your Silken Veil."
Steel Guitar, "Kalima Waltz."
Duet, "Honeymoon Isles."
Song, "Hawaii Across the Sea.'

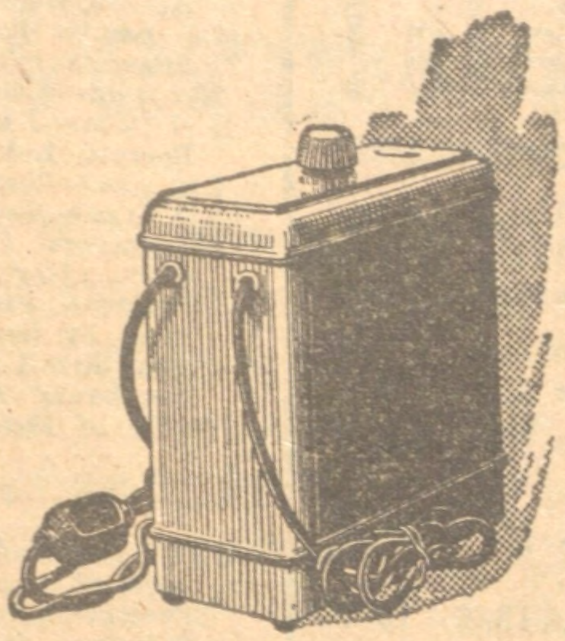
5.5 p.m.—"Herald" News Service; Stock Exchange Information.

EVENING SESSION.

6.0 p.m.—Answers to letters and birthday greetings by "MARY MARY."

6.20 p.m.—WILLIAM TAINSH has some beautiful stories:
"The Idea that Came to Guido" (Marjorie Wilson).

Costs less to run



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Song-Story, "An Irish Boy" (William Tainsh).

6.35 p.m.—Musical Interlude.

6.40 p.m.—"MARY MARY."
"The Story of Dick Whittington."

NEWS AND MARKET REPORTS.

7.0 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 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, MISS KNIGHT, Fruit Preserving Expert, will speak on:
"Chutney and Spiced Fruits."

7.45 p.m.—MISS K. LASCELLES:
"The Art of Dancing."

OUT OF THE PAST.

8.0 p.m.—On the 23rd May, 1915, Italy declared war against Austria.

8.1 p.m.—CAPTAIN C. H. PETERS:
"Books, Wise and Otherwise."

A MAKER OF HISTORY.

8.15 p.m.—To-night we commemorate the birth of Thomas Hood, born in London on the 23rd May, 1798.

The following few verses are typical of his humor:—

"FAITHLESS NELLY GRAY."

Ben Battle was a soldier bold,
And used to war's alarms;
But a cannon-ball took off his legs,
So he laid down his arms.

Now as they bore him off the field
Said he, "Let others shoot,"
For here I leave my second leg
And the 42nd Foot."

Birthday Greetings and Programme Announcements.

CAMP FIRE COMPETITION.

8.16 p.m.—CONCERT PROGRAMME FROM THE SECOND MIDDLE PARK TROOP AND SECOND MIDDLE PARK PACK. BRASS BAND CONCERT—THE WORKS OF BALFE.

8.40 p.m.—COBURG CITY BAND:
Overture, "The Bohemian Girl."

8.52 p.m.—THE MELBOURNE CHORAL UNION. Conductor, William G. James:
Madrigal, "Sweet Flowers" (Walmisley).
"The Lee Shore" (Coleridge Taylor).

8.59 p.m.—THE COBURG CITY BAND:
Airs, "The Rose of Castille."

9.11 p.m.—SENIA CHOSTIAKOFF, Tenor:
"The Northern Star" (Glinka).
"La Donna e Mobile" (Verdi).

9.19 p.m.—THE COBURG CITY BAND:
Airs from "The Talisman."

9.31 p.m.—THE MELBOURNE CHORAL UNION:
"Twin Stars" (Montague Phillips).
"Come to the Fair" (Martin).

9.38 p.m.—J. HOWLETT ROSS will speak on Empire Day.

STRAINS FROM HONOLULU.

9.53 p.m.—FRANK AND FRANCIS LUIZ:
Duet, "Hawaiian Blues."
Request Items.

9.58 p.m.—COBURG CITY BAND, Petite Selection:
"The Bohemian Girl."

10.6 p.m.—TILTON AND WEST:
"Henry's Made a Lady of Lizzie" (O'Keefe).
"Just a Bird's Eye View" (Donaldson).

INTERLUDE.

10.13 p.m.—"Argus" News Service; Meteorological Information; British Official Wireless News from Rugby; Rowing Notes by Mr. T. Mannix, hon. general secretary Victorian Rowing Association; Results of Inter-Varsity Athletics held in Sydney.

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

"A driver should assume that every child on or near the street may dash suddenly in front of his car. You cannot tell by looking at a child what it is going to do. You should, therefore, drive slowly and have absolute control of your car."

HAVE YOU ENTERED YOUR NAME FOR THE FREE TRIP TO BUFFALO COMPETITION?

10.23 p.m.—THE STATION ORCHESTRA:
Hawaiian Melodies with Vocal Accompaniment by Frank and Francis Luiz.

10.29 p.m.—GORDON JAMES, Baritone:
"The Desert" (Balakirev).
"Smile Through Your Tears" (Bernard Hamblen).

10.36 p.m.—CHAS. McFEE, Alto Sax:
"Vision d'Amour" (Widoft).

10.39 p.m.—TILTON AND WEST:
"Madame Dooley's Beauty Parlor" (Saquin).
"On My Ukulele" (Parish).

10.46 p.m.—SENIA CHOSTIAKOFF, Tenor:
"Love is Just a Little Bit of Heaven" (Abel Baer).
With accompaniment by THE STATION ORCHESTRA.

10.53 p.m.—THE STATION ORCHESTRA:
"The Baby's Opera," on Popular Nursery Rhymes (Byhing).

11.0 p.m.—GORDON JAMES, Baritone:
Operatic, "Credo"—from Otello (Verdi).
Selected.

11.7 p.m.—OUR GREAT THOUGHT:
"Always say a kind word, if you can, if only that it may come in perhaps, with singular opportuneness, entering some mournful man's darkened room like a beautiful fire-fly, whose happy circumvolutions he cannot but watch, forgetting his many troubles."

DANCE MUSIC.

THE VAGABONDS:
"Pleading" (Jones).
"Down in Old Havana Town" (Friend).
"Russian Lullaby" (Berlin).
"Hide, Hide" (Huffer).
"Dance of the Fireflies" (Bloom).
"When Banana Skins are Falling" (Potter).
"When I'm With You" (Conley).
"Egypt" (Poller).
"Lucky Day" (Henderson).
"Consolation" (Baries).
"Coquette" (Kahn).
"Somebody Lied About Me" (Kahn).
"A Bungalow and You" (O'Hagan).

11.40 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

WEDNESDAY, 23rd MAY, 1928.

MORNING NEWS SESSION.
11.0 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.

ORCHESTRAL DANCE CONCERT.

SPORT: During the afternoon results of the Aspendale Park Races, together with other information, will be broadcast immediately each race is run.

2.0 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:
"Martial Moments" (Ar. Winter).
"Valse Boston" (R. Drigo).

2.45 p.m.—Miss Mae Seaton, Soubrette:
"You Know I Know" (H. Johnson).
"Everything's Made for Love" (Tobias).

2.52 p.m.—Melbourne Concert Orchestra:
"Suite Melodique" (Friml).
"Savoy Medley of Medleys" (Somers).
3.7 p.m.—Miss Mae Seaton, Soubrette:
"You're so Easy to Remember" (Woods).
"My Regular Girl" (Warren).
3.14 p.m.—Ayarz Dansonians.
3.30 p.m.—Announcements.
3.2 5p.m.—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:
Selection, "Gipsy Love" (Lehar).
"Souvenir de Capri" (Becce).
4.0 p.m.—G.P.O. Clock says "Four."
4.1 p.m.—Second Weather Forecast.
4.3 p.m.—Mr. William Davies, Bass:
"A Russian Love Song" (Lordelli).
"Shipmates O' Mine" (Sanderson).
4.11 p.m.—Melbourne Concert Orchestra:
Suite Espagnole, "La Feria" (P. Lacome).
"Serenade" (Franz Drdla).
4.26 p.m.—Mr. Herbert Pettifer, Violin:
"Dance Negre" (Coleridge Taylor).
4.30 p.m.—Mr. William Davies, Bass:
"The Windmill" (Nelson).
"My Ship" (Del Riego).
4.38 p.m.—Ayarz Dansonians.
4.55 p.m.—Announcements; To-night's Entertainment.
5.0 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 BALL-ROOM.

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. "Harelquin" 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.—Overture, "Hunyady Laszlo" (Erkel Ferencz).
8.12 p.m.—Miss Jean Lewis, contralto:
"Lament of Isis" (Granville Bantock).
"Sylvan" (Landon Ronald).
8.20 p.m.—Ayarz Dansonians.
8.36 p.m.—Miss Jean Lewis, contralto:
"Hindoo Song" (Bemberg).
"What shall I Sing?" (Barry).
8.44 p.m.—Mr. Bert Lack, flute:
"Una Sguardo Alla Luna" (Silvi).
8.48 p.m.—Announcements.
9 p.m.—Melbourne Concert Orchestra:
"Victor Herbert's Favorites" (Herbert).
"Spanish Dances, No. 1" (Moszkowski).
"Romeo's farewell to Juliet" (Baron).
9.18 p.m.—Mr. Arch Clarke, humorous entertainer:
In some original numbers.
9.26 p.m.—Mr. Ken Code, trombone:
"The Switchback" (Sutton).
9.30 p.m.—Ayarz Dansonians.
9.46 p.m.—Mr. Sam Cope, marimbaphone:
"Dance A Mazia."
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:
Selection, "The Geisha" (Sidney Jones).
"Three Pictures from Syria" (Montague Ring).
10.25 p.m.—Mr. Arch Clarke, humorous entertainer:
In some more original laugh-getters.
10.33 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, "Fairyland," by Anne Glenny Wilson.
11 p.m.—G.P.O. clock says Eleven.
God Save the King.

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Philips' Power Plus "B" and "C" Eliminator, 3003	11 15 0	Dep. 29/6; Weekly 4/5
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Emmco "B" Eliminator	10 10 0	Dep. 26/3; Weekly 3/11
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Three Star Wet Battery, 80 Volt	5 10 0	Dep. 13/9; Weekly 2/1
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Rec-Tox. Trickle Charger	5 10 0	Dep. 13/9; Weekly 2/1

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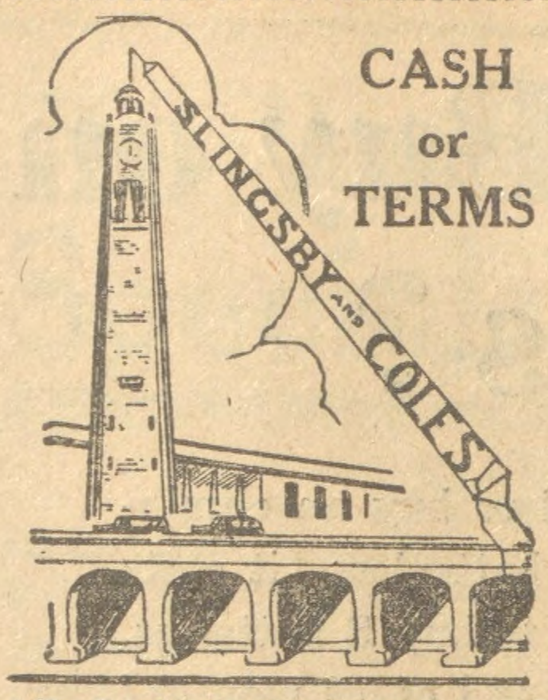

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4QG, BRISBANE

WEDNESDAY, 23rd MAY, 1928.

10.30 a.m. to 11.30 a.m.

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

AFFTERNOON 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 u.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.
6.15 p.m.—Dinner music.
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:
"Stems." Mr. F. O. Bosworth (Q'ld. Agric. High School and College).

NIGHT SESSION.

8 p.m.—A programme of dance music by Alf. Featherstone's Studio Syncopators, relayed from Hotel Carlton, including:—
Fox trots:
(a) "For You and Me" (Deppen).
(b) "Keep a Little Sunshine in Your Heart" (Von Tilzer).
Fox trots:
(a) "Let's Talk About My Sweetie" (Donaldson).
(b) "What Can I Say After I' Say I'm Sorry" (Donaldson).
Jazz waltz:
"To-night You Belong to Me" (Rose).
Rhythmic paraphrase:
"Il Trovatore" (arr. Lange).
Fox trot: "Passionatta" (Brewer).
Fox trots:
(a) "Masculine Women, Femine Men" (Leslie).
(b) "I Never Miss the Sunshine" (Harvey).
Fox trots.
(a) "There's No One Can Love Me Like You" (Confrey).
(b) "We Said Good-bye" (Meroff).
Jazz waltz: "A Dream of You" (Hate).
Fox trots:
(a) "Night in June" (Friend).
(b) "All By My Ownsome" (Khan).
Between dances the following will be broadcast from the studio:
A Thought for To-night:
"Don't Lose Your Grip."
Will H. Lister.
Soprano solos:
"My Treasure" (Trevalsa).
(b) "Songs My Mother Taught Me" (Dvorak).
Miss Jean McDougall.
Tenor solos:
(a) "Eileen Alannah" (Thomas).
(b) "Adieu Marie" (Adams).
Mr. C. H. Wyman.
Soubrette:
(a) "Bing Me Back That Hour of Love" (Herscher).
(b) "Brown Eyes in Your Dreams" (Tennent).
Miss Billie Bailey.
10 p.m.—"The Daily Mail" news.
10.5 p.m.—Weather information.
10.10 p.m.—"Queenslander" news service for distant listeners.

5CL, ADELAIDE

WEDNESDAY, 23rd MAY, 1928.

MIDDAY SESSION.
12 noon to 2 p.m.

AFTERNOON SESSION.

3 p.m.—G.P.O. Chimes and Aspendale Park results.
3.1 p.m.—Musical numbers from the studio.
3.30 p.m.—Menu talk by "Homelover."
3.45 p.m.—Fashion talk by J. Craven and Co.
4.1 p.m.—Musical numbers from the studio.
4.57 p.m.—Meteorological information.
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.
6.30 p.m.—Dinner Music from the studio.
7 p.m.—G.P.O. Chimes.
7.1 p.m.—General Market reports by A W. Sandford and Co., A. E. Hall and Co., Dalgety and Co., S.A. Farmers Co-operative Union Taylor Bros., Retail Grocer's Association, Interstate Fruit and Produce Market Co., Ltd.
7.8 p.m.—S. C. Ward and Co.,s Stock Exchange Intelligence.
7.15 p.m.—Educational talk.
7.30 p.m.—Boy Scouts Corner.
7.40 p.m.—Entertainment by the "Bird Lady" for the 5CL Bluebird Girls Club.
8 p.m.—G.P.O. Chimes.
8.1 p.m.—Holden's Silver Band.
8.8 p.m.—Muriel Stubbs, soprano
8.14 p.m.—The Versatile Coon in popular numbers.
8.19 p.m.—Holden's Silver Band.
8.26 p.m.—Haydn Male Quartette, in vocal numbers.
8.32 p.m.—Muriel Stubbs, soprano.
8.35 p.m.—Holden's Silver Band.
8.43 p.m.—Vincent McMurray, operatic tenor.
8.49 p.m.—Haydn Male Quartette.
8.54 p.m.—Holden's Silver Band.
9.1 p.m.—Meteorological information, weather forecast.
9.2 p.m.—Dalgety's Wheat report.
9.4 p.m.—International News.
9.12 p.m.—The Glenelg Maison Dance Band.
9.35 p.m.—Vincent McMurray, operatic tenor.
9.39 p.m.—Holden's Silver Band.
9.46 p.m.—The Versatile Coon, popular melodies.
9.51 p.m.—Haydn Male Quartette.
9.55 p.m.—Holden's Silver Band.
10.1 p.m.—"Advertiser" News service and sporting results, and shipping.
10.12 p.m.—Holden's Silver Band.
10.19 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.

WEDNESDAY, 23rd MAY, 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.

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 interludes from the Studio.

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.
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 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.

Thursday, May 24

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.
7.45 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 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 Reading.
11.30 a.m.—Close down.

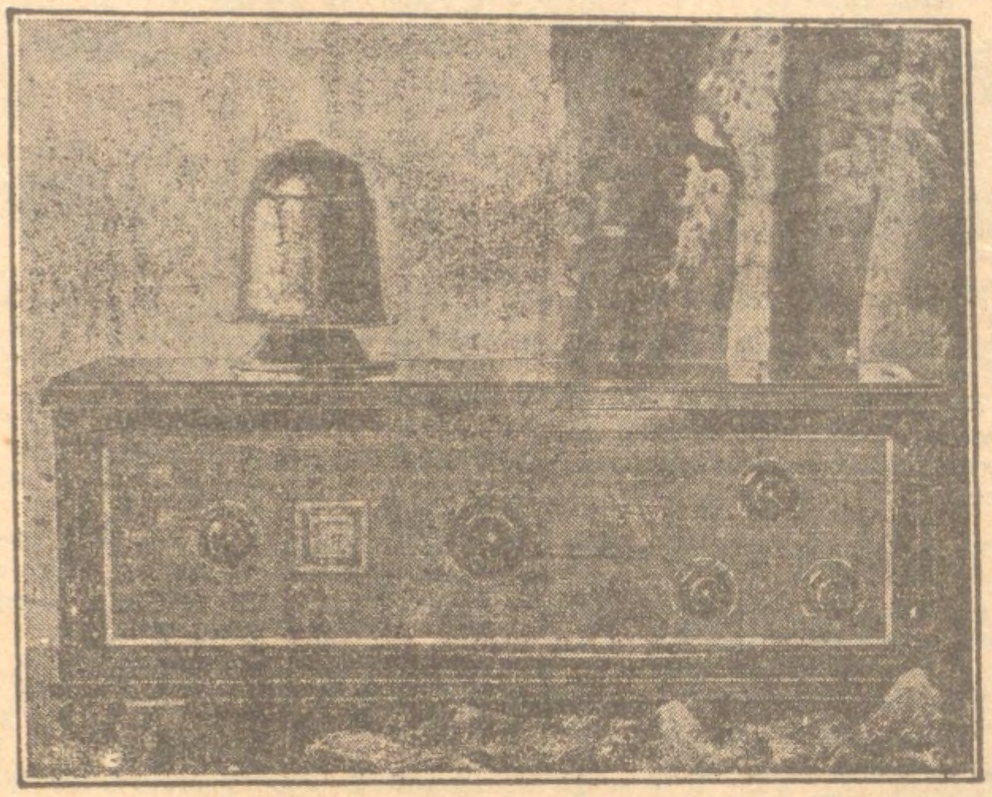
MIDDAY SESSION.

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.
1.28 p.m.—Stock Exchange, second call.
1.30 p.m.—Studio music.
1.35 p.m.—Margaret Butterworth, contralto.
1.40 p.m.—Studio music.
1.45 p.m.—Margaret Butterworth, contralto.
1.50 p.m.—Late racing information by the 2FC Racing Commissioner.
2 p.m.—"Big Ben." Close down.

AFTERNOON SESSION.

3 p.m.—"Big Ben" and announcements.
3.5 p.m.—Lorna Forsyth, pianoforte solo (Pupil of Gertrude Barton):
(a) "Liebestraum in A Flat" (Liszt).
(b) "Etude de Concert in E Flat" (Liszt).
(c) "Fantasie Impromptu," C Sharp Minor (Chopin).
3.15 p.m.—Gwen Gillard, soprano. "I'd be a Butterfiy" (Flora Woodman).
3.19 p.m.—Rita Graham, violinist: "Minuet in G" (Beethoven).
3.24 p.m.—Doris Hestelow, soprano: "Far Off I Hear a Lover's Flute" (Cadman).
3.28 p.m.—Amy Nicholas, elocutionist: "Home, Sweet Home."
3.35 p.m.—A Session of Edison Records.
4 p.m.—Lorna Forsyth, pianoforte solos:
(a) "Staccato Caprice" (Mack Vogrich).
(b) "The Island Spell" (John Ireland).
4.8 p.m.—Gwen Gillard, soprano: "There are Fairies" (Liza Lehmann).
4.12 p.m.—A reading.
4.22 p.m.—Rita Graham, violinist: "Air Melodieux" (Carl Bohm).
4.26 p.m.—Amy Nicholas, elocutionist: "The Retort" (Anonymous).
Studio music.
4.30 p.m.—Doris Hestelow, soprano: "Just a'wearying for You" (Jacobs Bond).
4.35 p.m.—A Pianoforte Reproduction.
4.45 p.m.—Stock Exchange, third call.
4.47 p.m.—Rita Head, mezzo:
(a) "Sunday" (Molly Carew).
(b) "I Travel the Road" (Thayer).
4.55 p.m.—Studio music.
5 p.m.—"Big Ben." Close down.

At the New Store



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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.—A talk in connection with Empire Shopping Week.
7 p.m.—"Big Ben." Dinner music.
7.30 p.m.—Late "Evening News" news service.

EVENING SESSION.
A GRAND OPERA AND CLASSICAL NIGHT.

7.40 p.m.—Programme announcements.
7.45 p.m.—Mr. Medley and Mr. Motley.
7.55 p.m.—Clifford Lathlean, the well known baritone, who has recently returned after an absence abroad.
8.3 p.m.—The 2FC Studio Orchestra, conducted by Horace Keats:
Overture, "The Men of Prometheus" (Beethoven).
8.10 p.m.—Roland Foster will give his second Lecture Recital, dealing this evening with "Tannhauser," by Richard Wagner.

PART I.
Characters:

Tannhauser ..... Molyneux Phillips
Elizabeth ..... Mille Hughes
Venus ..... Merle Miller
Shepherd Boy ..... Florrie Roach
Wolfram ..... L. McGowen
Biterolf ..... Sallabank
Landgrave ..... Tremayne
Pianist ..... Miss Charlotte Mills

A descriptive analysis of the Opera and Principal vocal numbers will be given.
8.25 p.m.—The 2FC Studio Orchestra:
Grand Chronological Potpourri of Wagner's Works.
8.37 p.m.—Clifford Lathlean, Baritone.
8.45 p.m.—The 2FC Studio Orchestra:
Third Movement, 5th Symphony (Beethoven)
8.50 p.m.—From the Hotel Australia, Sydney, on the occasion of the Annual Empire Day Dinner, organised by the Royal Colonial Institute.
Speeches by:
His Excellency the Governor, Sir Dudley de Chair.
His Honour, Chief Justice of N.S.W., Sir Phillip Street.
Sir Hugh Denison.
From the Studio:
9.25 p.m.—The 2FC Studio Orchestra:
"The Cingalee" (Monckton).
9.40 p.m.—Part II. of Roland Foster's Lecture-Recital of "Tannhauser," by Wagner.
10.0 p.m.—The 2FC Studio Orchestra, conducted by Horace Keats:
"Woodland Pictures" (Fletcher).
10.10 p.m.—Rus Garling, Mirth and Melody.
10.20 p.m.—Charles Wentzel, viola solos.
10.26 p.m.—Late weather forecast.
10.27 p.m.—The 2FC Studio Orchestra:
"Ballet Russe" (Luigini).
10.37 p.m.—Rus Carling.
10.47 p.m.—The Ambassadors' Dance Orchestra.
10.57 p.m.—To-morrow's Programme and Late News.
11.0 p.m.—"Big Ben." From the Ambassadors: The Ambassadors' Dance Orchestra. Conductor, Al Hammet.
11.45 p.m.—National Anthem. Close down.

2GB, SYDNEY

THURSDAY, 24th MAY, 1928.

MORNING SESSION.

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

AFTERNOON SESSION.

2 p.m.—Music.
2.20 p.m.—Address.
2.25 p.m.—Music.

EVENIN GSESSION.

5.30 p.m.—Children's Session by Miss H. J. Beegling.
7 p.m.—Music.
Stock and Market reports by New Zealand Loan and Mercantile Agency Ltd.
7.15 p.m.—Music.
Benediction Service.
7.45 p.m.—Music.
8 p.m.—Opening Chorus.
8.2 p.m.—Overture by the Orchestra from Hoyt's de Luxe Theatre.
8.15 p.m.—Address by Miss Helen J. Beegling.
8.30 p.m.—Songs by Mr. Ernest McKeand.
8.37 p.m.—Violin Solos by Mr. Dan Scully.
8.45 p.m.—Humorous Items by Mr. Reg. Harrison.
8.52 p.m.—Songs by Miss Agnes Cooper.
9 p.m.—Talk.
9.20 p.m.—Songs by Mr. Ernest McKeand.
9.27 p.m.—Violin Solos by Mr. Dan Scully.
9.37 p.m.—Humorous Items by Mr. Reg Harrison.
9.45 p.m.—Pianoforte Solos by Miss Ada Brook.
9.50 p.m.—Songs by Miss Agnes Cooper.
10 p.m.—Close down.

2BL, SYDNEY

THURSDAY, 24th MAY, 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 "Architecture" by Mr. Brogan.
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 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 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 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.—Dinner music.

SPECIAL COUNTRY SESSION.

7 p.m.—G.P.O. clock and chimes.
Australian Mercantile, Land, and Finance Co.'s report.

Weather report and forecast by courtesy of Government Meteorologist.
Producers' Distributing Society's fruit and vegetable market report.
Stock Exchange report.
Grain and fodder report ("Sun").
Dairy produce report ("Sun").
7.15 p.m.—Country news from the "Sun."
7.30 p.m.—News from the "Sun."
7.45 p.m.—Helpful hints to listeners by Mr. Alan Burrows.
8 p.m.—G.P.O. clock and chimes.
Broadcasters' Topical Chorus.
8.3 p.m.—Mr. Herbert C. Hinchcliffe, baritone.
8.10 p.m.—The Wurlitzer organ broadcast from the Arcadia Theatre, Chatswood. Organist, Mr. N. Robins.
8.22 p.m.—Miss Elsie Findlay, soprano.
8.29 p.m.—Choral and vocal items by the Madrigal Society, broadcast from Paling's concert hall.
8.59 p.m.—Weather report and forecast by courtesy of Mr. C. J. Mares, Government Meteorologist.
9 p.m.—G.P.O. clock and chimes.
9.1 p.m.—Mr. Alfred Wilmore, tenor.
9.8 p.m.—Sketch by Mr Harry Thomas and partners.
9.16 p.m.—Broadcasters' Instrumental Trio.
9.25 p.m.—Mr. Herbert C. Hinchcliffe.
9.32 p.m.—Miss Dulcie Blair, violinist.
9.39 p.m.—Miss Elsie Findlay.
9.46 p.m.—Broadcasters' Instrumental Trio.
9.53 p.m.—Mr. Alfred Wilmore.
10 p.m.—G.P.O clock and chimes
Resume of following day's programme.
10.3 p.m.—The Wurlitzer organ broadcast from the Arcadia Theatre, Chatswood.
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.
11.30 p.m.—G.P.O. clock and chimes.
National Anthem.

3LO, MELBOURNE.

THURSDAY, 24th MAY, 1928.

EARLY MORNING SESSION.

7.15 a.m.—Morning Melodies.
7.20 a.m.—PHYSICAL CULTURE EXERCISES.
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.—Morning melodies.
8.5 a.m.—NEWS. Sporting information. Shipping. Stock Exchange information.
8.13 a.m.—Morning Melodies.
8.15 a.m.—Close down.

MORNING SESSION.

11 a.m.—3LO's CULINARY COUNSELS or How to Create Creature Comforts with a Minimum of Cash.

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Cinnamon Stick.
Lemon Rind.

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WOUL YOU LIKE A HOLIDAY—SEE VICTORIA FIRST.

11.5 a.m.—CAPT. DONALD MACLEAN: Famous Women of History.
11.20 a.m.—Musical interlude.
11.25 a.m.—SISTER PURCELL: "Infant Welfare."
11.40 a.m.—Musical Interlude.
11.45 a.m.—MRS. HENRIETTA C. WALKER: "The Art of Being a Settler—More Profitable Hobbies."

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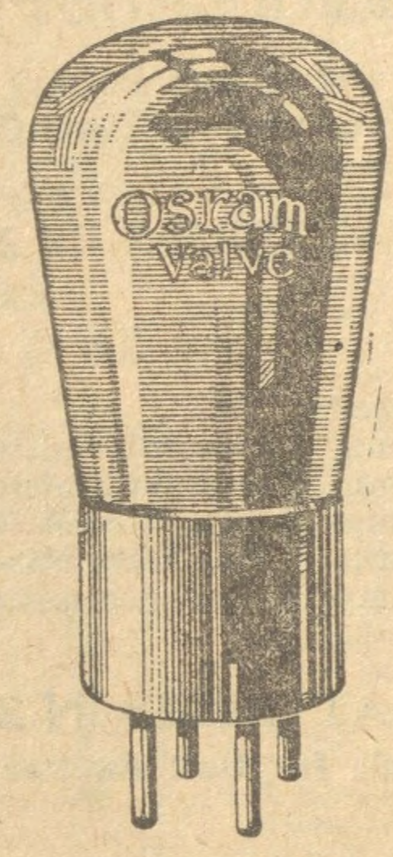

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'POWER'

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.

12.15 p.m.—COMMUNITY SINGING, under the auspices of the Communtty Singers' and Concert Goers' Association, transmitted from the Town Hall, Melbourne.

FROM THE STUDIO.

1.45 p.m.—Meteorological information. Weather forecast and rainfall for Victoria, Tasmania, South Australia and New South Wales. Ocean forecasts. River reports. Stock Exchange information.

AFTERNOON SESSION.

2.15 p.m.—To-day we will have pleasure in continuing our programme of Schubert's music as arranged by the Parents' National Educational Union. The works of this great composed are being studied during the first quarter of the year, and Wagner's compositions are to be studied during the second quarter. In order that students who are not within easy reach of the city may have the advantage of hearing the songs, instrumental and orchestral works of Schubert, we have arranged to present this afternoon several well-known compositions.
AGNES FORTUNE:
"Impromptu in A Flat" (Schubert).

2.25 p.m.—ELSIE DAVIES, soprano:
"Ave Maria" (Schubert).
"To Music" (Schubert).

2.32 p.m.—THE GYPSY PLAYERS:
"Schubert's Songs."

2.45 p.m.—ELSIE DAVIES, soprano:
"The Erl King," "The Enquirer" (Schubert).

2.52 p.m.—THE GYPSY PLAYERS:
"Who is Sylvia?" (Schubert).

3 p.m.—Melbourne Observatory time signal.

EDUCATION HOUR.

3.1 p.m.—DR. LOFTUS HILLS:
"Topics of the Week."

3.15 p.m.—FRITZ HART will speak to the Students of Music.

3.30 p.m.—THE REV. WILLIAM BOTTOMLEY:
"Idylls of the King"—"The Passing of Arthur" (Tennyson).

POT POURRI.

3.45 p.m.—THE GYPSY PLAYERS:
"The Shoe Ballet Suite" (Ansell).

3.55 p.m.—NETTA RODNEY, soubrette:
"Marianette" (Herscher).
"Gonna Get a Girl" (Ash).

4.2 p.m.—THE STATION ORCHESTRA:
"Overture to Hamlet" (Bach).

4.9 p.m.—TILTON and WEST:
"She's just what the doctor ordered."
"The Whisper Song" (Friend).

4.16 p.m.—THE STATION ORCHESTRA:
"Fantasia on old Drinking Songs."

4.26 p.m.—NETTA RODNEY, soubrette:
"My Blue Heaven" (Donaldson).
"Everything's Made for Love" (Sherman).

NEWS SESSION AND WEATHER REPORTS.

4.32 p.m.—Weather report from Adelaide for Mildura district. "Herald" news session. Stock Exchange information.

EVENSONG.

4.45 p.m.—Evensong transmitted from St. Paul's Cathedral.

FROM THE STUDIO.

5.30 p.m.—Acceptances for Moonee Valley races on Saturday.

EVENING SESSION.

6 p..m—Answers to letters and birthday greeting by "MARY GUMLEAF."

6.20 p.m.—Musical interlude.

6.25 p.m.—CAPTAIN DONALD MACLEAN:
The Spanish Conquest—
How the Dons discovered the Treasures of the World.

6.40 p.m.—"MARY GUMLEAF":
"The Enchanted Forest"—
"Fairy Beauty and the Stars."

NEWS AND MARKET REPORTS.

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

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 Fruit Merchants' Association. Citrus fruits.

NIGHT SESSION.

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

7.45 p.m.—ANNIE CROFT, now appearing in "The Girl Friend," at the Theatre Royal, will speak to you from her dressing-room, by permission of J. C. Williamson, Ltd.

OUT OF THE PAST.

8 p.m.—To-day is the Anniversary of the Inaugural Celebration of Empire Day in England.

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

A MAKER OF HISTORY.

8.15 p.m.—On May 24, 1819, was born QUEEN VICTORIA, who ascended the throne on June 20, 1837, and died on January 22, 1901—a reign of 64 years.
Birthday greetings and programme announcements.

3LO's DANCE PROGRAMME.

"When Youth and Pleasure meet
To chase the glowing hours with flying feet."
—Byron.

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

8.25 p.m.—FRANK and FRANCIS LUIZ:
Request items.

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

8.37 p.m.—SENIA CHOSTIAKOFF, tenor:
"Beautiful Eyes," a Gypsy Romance.

8.40 p.m.—THE VAGABONDS:
"Painting Pretty Pictures" (Weddell).
"Waitin' for Katy."
"Just Like the End of a Story."

8.49 p.m.—TILTON and WEST:
"You Can't Tell the Mothers from the Daughters."

8.52 p.m.—THE VAGABONDS:
"Persian Rug" (Kahn).
"One Summer Night."
"The Magic of Moonlight and Love."

9.1 p.m.—GORDON JAMES, baritone:
"The Harvester's Night Song" (A. B. Power).

9.4 p.m.—THE VAGABONDS:
"Funny Tune" (Olsen).
"Hungaria."
"What Will You Do?"

9.13 p.m.—FRANK and FRANCIS LUIZ:
More request items.

9.16 p.m.—THE VAGABONDS:
"Barbara" (Silver).
"Dancing Tambourines" (Polla).
"All on My Ownsome" (Kahn).

9.25 p.m.—SENIA CHOSTIAKOFF, tenor:
"When the Night With Stilly Silence" (Robertson).

9.28 p.m.—THE VAGABONDS:
"Lilting Lusia."
"Are You Happy?" (Agar).

9.37 p.m.—TILTON and WEST:
"Who's Loving You To-night?" (Rose).
"Oh! Sole Oh! Me" (Robertson).

9.40 p.m.—THE VAGABONDS:
"Following You Around" (Kahn).
"The Girl Friend."
"The Blue Room."

9.49 p.m.—GORDON JAMES, baritone:
"Why Shouldn't I?" (Kennedy Russell).

9.52 p.m.—THE VAGABONDS:
"Diane" (Rapee).
"Around the World."
"Cheerie Beerie Bee."

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NEWS SESSION.

10.1 p.m.—"Argus" news service. British official wireless news from Rugby. Meteorological information, announcements, sporting notes by "Olympus," island shipping movements.

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

"Persons on bicycles, scooters or in carts should not be permitted to hitch on your car."

SEE BUFFALO FIRST.

10.11 p.m.—THE VAGABONDS:
"Rose of the Volga" (Kahn).
"From Now On" (Friend).
"Broken Hearted" (Lewis).

10.20 p.m.—FRANK and FRANCIS LUIZ:
"Behind your Silken Veil."

10.23 p.m.—THE VAGABONDS:
"Lazy Weather" (Trent).
"Dainty Miss"—piano solo.
"My Ohio Home" (Kahn).

10.32 p.m.—SENIA CHOSTIAKOFF, tenor:
"Lullaby" (Brahms).

10.35 p.m.—THE VAGABONDS:
"The Spell of the Moon" (Kahn).
"A Shady Tree."
"Chopinata" (Doncet).

10.44 p.m.—TILTON and WEST:
"Sam, the Old Accordeon Man" (Donaldson).
"Miss Annabelle Lee" (Richman).

10.47 p.m.—THE VAGABONDS:
"There must be a Silver Lining."
"Spanish Moon."
"Baby your Mother."

10.57 p.m.—GORDON JAMES, baritone:
"Good Fellows" (H. Phillips).

11 p.m.—OUR GREAT THOUGHT—FOR EMPIRE DAY:—

"Say what men will, there is something more truly Christian in the man who gives his time, his strength, his life if need be, for another, not himself—whether he call it his King, or his country, or his colors—than in all the asceticism, the fasts, the humiliations and confessions which have ever been made; and the spirit of giving one's life without calling it a sacrifice is found nowhere so truly as in England."

—Florence Nightingale.

DANCE MUSIC.

11.1 p.m.—THE VAGABONDS:
11.40 p.m.—GOD SAVE THE KING.

3AR, MELBOURNE

THURSDAY, 24th MAY, 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 CONCERT.

2 p.m.—Ayarz Dansonians.
A half-hour dance session by Melbourne's favorite dance band. All the latest hits, each one announced prior to its presentation.

2.30 p.m.—Melbourne Concert Orchestra:
Selection, "Fedora" (Umberto Giordani).

2.45 p.m.—Miss Ruth Phillips, soprano:
"The Kerry Dance" (Holley).
"A fat lil' feller" (Gordon).

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

3.8 p.m.—Miss Ruth Phillips, soprano:
"The Fairy Tales of Ireland" (Coates).
"Mah Lindy Lou" (Strickland).

3.16 p.m.—Ayarz Dansonians:
3.30 p.m.—Announcements.
335 p.m.—Cookery talk by Miss G. Hughes, of the Colonial Gas Association.

3.45 p.m.—Melbourne Concert Orchestra:
"Musical Gems of Tschaikowsky" (arr. Langey).

4 p.m.—G.P.O. clock says Four.

4.3 p.m.—Mr. Tom Semple, tenor:
"Here's to Love" (Rubens).
"To my first love" (Lohr).

4.11 p.m.—Melbourne Concert Orchestra:
"Squire's Popular Songs" (arr. Baynes).
"Poppy" (Zamecnik).

4.26 p.m.—Mr. Bert Lack, piccolo solo:
"The Comet" (Brewer).

4.30 p.m.—Mr. Tom Semple, tenor:
"You'd better ask me" (Lohr).
"The plague of love" (Arne).

4.38 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.

CHILDREN'S SESSION.

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

EVENING SESSION.
SOND AND DANCE.

7.16 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 "Troubles with blacks on the north-east. Massacre of Faithfull's party."
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.
8 p.m.—G.P.O. clock says Eight.
8.1 p.m.—Melbourne Concert Orchestra:
Selection, "Andrea Chenier" (Umberto Giordani).
8.16 p.m.—Mr. Howard Andrews, baritone:
"Thou art repose" (Schubert).
"The Last Song" (James H. Rogers).
8.24 p.m.—Melbourne Concert Orchestra:
"Scene de Ballet" (Ch. de Beriot, Op. 100).
"Menuett" (Paderewski).
8.36 p.m.—Mr. Ronald Brearley, 'cello, and Mr. Bert Lack, flute:
Duet, "Serenade" (A. E. Titl).
8.40 p.m.—Mr. J. Harcourt-Bailey, entertainer:
"The Lighthouse Keeper's Story" (Helliai).
"Coffee Cups Race" (C. Gray).
8.50 p.m.—Announcements.
9 p.m.—Melbourne Concert Orchestra:
"Inutroduction and Aria des Lenski" from Eugen Onegin (Tschaikowsky).
Suite, "Norwegian Scenes" (Albert Matt).
9.15 p.m.—Mr. Howard Andrews, baritone:
"I murmur not" (Schumann).
"I pitch my lonely caravan ot night (Coates).
9.23 p.m.—Melbourne Concert Orchestra:
"Prayer and Temple Dance" (Ed. Grieg).
9.32 p.m.—"Harlequin." Sports results.
9.40 p.m.—Melbourne Concert Orchestra:
Suite, "Yashmak Land" (Thurban).
9.50 p.m.—Announcements.
10.1 p.m.—Semi-final weather forecast, specially for our country listeners.
10.3 p.m.—Melbourne Concert Orchestra:
"Schumann Songs" (Arr. Roberts).
10.21 p.m.—Mr. J. Harcourt-Bailey, entertainer:
"How I tried to tell my wife a simple story" (Anon.).
"The Pigtail of Li Fant Fu" (Sax Rohmer).
10.32 p.m.—Melbourne Concert Orchestra:
"Selection of J. L. Molloy's Songs" (Arr. Baynes).
"Chinese Dance" (Crist).
"Arabian Dance" (Crist).
10.52 p.m.—"Age" news bulletin, exclusive to 3AR.
10.59 p.m.—Our Australian Good-night quote is taken from the poem, "Birth," by Harry Sullivan.
11 p.m.—G.P.O. clock says Eleven.

4QG, BRISBANE.

THURSDAY, 24th MAY, 1928.

MORNING SESSION.
10.30 a.m. to 11.30 a.m.

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

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.

EAFLY 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 talk to motorists.
"A History of Motor Cars" — "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:
"A Talk on Book's" Mr. Doyle (McLeods).

NIGHT SESSION.
EMPIRE DAY CELEBRATION.

To-night's programme will comprise the relaying of the Empire Day Celebration from the Exhibition Hall.

National airs will be sung and appropiate addresses will be delivered by prominent citizens.

8 p.m.—From the Exhibition Hall:
Empire Day Celebration.
10 p.m.—From the Studio:
"The Daily Mail" news.
10.10 p.m.—Weather information.

5CL, ADELAIDE

THURSDAY, 24th MAY, 1928.

MIDDAY SESSION.
12 noon to 2 p.m.

AFTERNOON SESSION.

3 p m.—G.P.O. Chimes.
3.1 p.m.—Musical numbers from the studio.
3.45 p.m.—Cheer-Up talk by Rev. C. H. Nield.
4.1 p.m.—Musical numbers from the studio.
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.
6.30 p.m.—Dinner Music from the studio.
7 p.m.—G.P.O. Chimes.
7.1 p.m.—General Market reports by A. W. Sandford and Co., A. E. Hall and Co., Dalgety and Co., S.A. Farmers Co-operative Union Taylor Bros., Retail Grocer's Association, Interstate Fruit and Produce Market Co., Ltd.
7.8 p.m.—S. C. Ward and Co.'s Stock Exchange Intelligence.
7.15 p.m.—"Windbag's" Sporting Service.
7.20 p.m.—Educational talk.
7.30 p.m.—"Better Homes" talk arranged by Slaters (Furnishers) Ltd.
7.40 p.m.—A. M. Whittenbury will speak on "Poultry."
8 p.m.—G.P.O. Chimes.
8.1 p.m.—Novelty Broadcast.
8.20 p.m.—Magill Vice-regal Band.
8.26 p.m.—Gwen Hone and Steve Dunks in a one-act play.
8.41 p.m.—Magill Vice-regal Band.
8.50 p.m.—J. Toms, in a whistling novelty.
8.55 p.m.—Magill Vice-regal Band.
9.1 p.m.—Meteorological information, weather forecast.
9.2 p.m.—Dalgety's Wheat report.
9.4 p.m.—International News.
9.12 p.m.—Another whistling novelty by J. Toms.
9.16 p.m.—Magill Vive-regal Band.
9.26 p.m.—James Riley, tenor.
9.32 p.m.—Magill Vice-regal Band.
9.39 p.m.—Mary Edson, soprano.
9.45 p.m.—Magill Vice_regal Band.
9.58 p.m.—James Riley, tenor.
10.1 p.m.—"Advertiser" News Service and Wireless shipping contacts.
10.8 p.m.—"Windbag's Sporting Service.
10.12 p.m.—Magill Vice-regal Band.
10.19 p.m.—Mary Edson, soprano.
10.22 p.m.—Glenelg Maison Dance Band.
10.55 p.m.—Meteorological information.
11 p.m.—G.P.O. Chimes and National Anthem.

Friday, May 25
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 wetaher 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.

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.

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.—Fosse Brakell, contralto.
1.40 p.m.—Studio music.
1.55 p.m.—Fosse Brakell, contralto.

AFTERNOON SESSION.

3 p.m.—"Big Ben" and programme announcements.
3.3 p.m.—Sydney Calland, baritone.
3.11 p.m.—Hilda Nelson, mezzo.
3.15 p.m.—Madame Evelyn Grieg, in continuation of her talks on "The Art of Listening to Music," will deal this afternoon with "The Sonata and the Symphony."
3.30 p.m.—Margaret Hunt, soprano: "Spring's Awakening" (Sanderson).
3.35 p.m.—Studio music.
3.42 p.m.—Helen Morris, soprano: "The Winds are Calling" (Landon Ronald).
3.46 p.m.—Sydney Calland, baritone.
3.54 p.m.—A Reading.
4.5 p.m.—Hilda Nelson, mezzo.
4.10 p.m.—Olga Krasnik (pupil of Henry Penn):
Pianoforte solos:
(a) "Idyll Gavotte" (Balfour Gardiner).
(b) "Impromptu B Flat" (Schubert).
4.22 p.m.—Margaret Hunt, soprano: "An Open Secret" (Woodman).
4.26 p.m.—Studio music.
4.35 p.m.—Olga Krasnik (pupil of Henry Penn):
Pianoforte solos:
(a) "Finale from Sonata in A Flat" (Beethoven).
(b) "Whims" (Schumann).
4.41 p.m.—Helen Morris, soprano: "Devotion" (Schumann).
4.45 p.m.—Stock Exchange, third call.
4.47 p.m.—Olga Krasnik (pupil of Henry Penn):
Pianoforte solo:
"Rhapsody No. 5" (Liszt).
4.54 p.m.—Studio music.

EARLY EVENING SESSION.

5.40 p.m.—The chimes of 2FC.
5.45 p.m.—The "Hello Man" talks to the children.
6.10 p.m.—A programme for the Children by Juvenile Pupils of Madame Ada Baker:
(a) "Duet, "Mother" (Hosmer).
Bruce and Leslie Penman.
(b) Solo, "Mandy and the Spider" (Tombo).
Mary Wilson.
(c) Recitations by Joan Punch.
(c) Solo, "The Gift" (Behrend).
Roma Larrer.
(d) Violin Ensemble, "Primrose Dance" (Krogmann).
(e) Solo, "Open the Gates of the Temple."
Bruce Penman.
6.30 p.m.—Late sporting news, told by the 2FC Racing Commissioner.
6.35 p.m.—Dalgety's market reports (wool, wheat and stock).
6.45 p.m.—Fruit and vegetable markets.
6.50 p.m.—A talk in connection with Empire Shopping Week.
7 p.m.—"Big Ben." Dinner music.
7.30 p.m.—"Evening News" late news service.

EVENING SESSION.
A THEATRICAL NIGHT.

7.40 p.m.—Programme announcements.
7.45 p.m.—From the Studio:
W. F. Kay will continue his series of theatrical talks dealing this evening with Edmund Kean.
8.0 p.m.—From Her Majesty's Theatre, Sydney. A theatrical transmission.
9.10 p.m.—From the Studio:
Eileen Boyd, Contralto.
9.18 p.m.—The Sydney Instrumental Trio:
Lionel Lawson, Violinist.
Gladstone Bell, 'cellist.
Lindley Evans, Pianist.
9.28 p.m.—John Dellore, Tenor.
9.36 p.m.—Lindley Evans, Piano Solos.
9.45 p.m.—Eileen Boyd, Contralto.
9.52 p.m.—Gladstone Bell, 'Cello Solos.
10.0 p.m.—"Big Ben." Mr. Medley and Mr. Motley.
10.10 p.m.—John Dellore, Tenor.
10.18 p.m.—Lionel Lawson, Violin Solos.
10.25 p.m.—Sydney Instrumental Trio.
10.36 p.m.—From the Ambassadors:
The Ambassadors' Dance Orchestra. Conductor, Al Hammet.
10.44 p.m.—Studio Items.
10.50 p.m.—Ambassadors.
10.57 p.m.—From the Studio. Late news and to-morrow's programme.
11.0 p.m.—"Big Ben." The Ambassadors' Dance Orchestra in popular numbers until 11.45 p.m.

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Saturday, May 26
2FC, SYDNEY.

EARLY MORNING SESSION.

7 a.m.—"Big Ben" and announcements.
7.5 a.m.—Studio music.
7.15 a.m.—Country Session: Official weather forecast, rainfall, temperatures, astronomical memoranda, shipping intelligence, mail services.
7.25 a.m.—Investment market, mining share market, metal quotations.
7.35 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.
10.35 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").

MIDDAY AND AFTERNOON SESSIONS.

12 noon.—"Big Ben" and programme announcements.
12.2 p.m.—Stock Exchange, first call.
12.3 p.m.—Studio music.
12.10 p.m.—"Sydney Morning Herald" news and Rugby wireless news.
12.20 p.m.—Studio music.
Note: Racing events from Moorefield will be described in the running by the 2FC Racing Commissioner.
During racing intervals musical items will be given from the Studio.
From the Studio: 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 intervals of racing descriptions from Moorefield, the following artists will appear at the Studios:
Bertha Warren, soubrette.
Jack Wright, novelty pianist.
The "Smart Set" Instrumetnal Trio.
4.45 p.m.—From the Studio:
Complete sporting resume.

A COMEDY AND CHORAL NIGHT.

EVENING SESSION.

7.40 p.m.—Programme announcements.
7.42 p.m.—Maggie Foster, Violinist.
7.50 p.m.—Mr. Medley and Mr. Motley.
8.0 p.m.—"Big Ben." Maggie Foster, Violinist.
8.5 p.m.—From the Conservatorium Hall, Sydney: A programme arranged by the Sydney Male Choir.
"O Mariners Out of the Sunlight" (Coleridge Taylor).
Sydney Male Choir.
8.14 p.m.—Violin Solos.
Lionel Lawson.
8.24 p.m.—"At Thy Feet in Adoartion" (Dvorak). Soloist, Mr. N. Ellis.
Sydney Male Choir.
8.34 p.m.—Soprano Solos.
Gladys Verona.
8.45 p.m.—Pianoforte Solos.
Lindley Evans.
8.55 p.m.—(a) "O Mistress Mine" (Caber).
(b) "Twilight" (Dudley Buck).
9.10 p.m.—From the Studio: During the Interval at the Conservatorium Hall:
"Tune in and Listen."
9.20 p.m.—From the Conservatorium Hall, Sydney, the second part of the programme arranged by the Sydney Male Choir:
"Nidaros" (Protheroe).
Sydney Male Choir.
9.28 p.m.—Soprano Solos.
Gladys Verona.
9.38 p.m.—Pianoforte Solos.
Lindley Evans.
9.48 p.m.—"Song of the Pedlar" (Lee Williams).
Sydney Male Choir.
9.56 p.m.—Violin Solos.
Lionel Lawson.
10.8 p.m.—"Full Fathom Five" (Dunhill).
Sydney Male Choir.
10.15 p.m.—From the Studio:
Willie Shine, Comedian.
10.23 p.m.—From the Ambassadors:
The Ambassadors' Dance Orchestra. Conductor, Al Hammet.
10.30 p.m.—From the Studio. Late weather forecast.
10.31 p.m.—Wally Baynes, Comedian.
10.40 p.m.—From the Ambassadors: Dance music.
10.57 p.m.—From the Studio: To-morrow's programme and late news.
11.0 p.m.—"Big Ben." The Ambassadors' Dance Orchestra.

THE ORIGINAL
"GO-GETTER"
Short Wave Receiver, as described by Don. Knock, in "Radio" for sale. Apply, "Wireless Weekly" Office, 51 Castlereagh Street, Sydney.

All Readers' Queries Answered Here

V.W.R. (MORUYA): Suitable combinations of valves for your Browning-Drake are Phillips A435, A415, A415, B409. If your set is oscillating violently in the form of a squeal, it is probable that you have too much B battery voltage on the detector valve. Try reducing this.

L.T.S. (ROCKDALE): You may rejuvenate to a certain extent your valves, by leaving them in the set and reversing the B battery connections. Leave the valves burning for an hour or so, then reconnect the B battery properly. From your description it sounds as if your B eliminator is to blame for the trouble.

R.E.A. (DORRIGO).—You may use one rheostat to control your Philips' A409 and B406 valves, but this will not give you the best of operation. It is better to use separate rheostats.

M.F.F. (NORTHBRIDGE).—I do not understand your statement that you are using a 4 valve Reinartz receiver, as you mention the inclusion of a radio frequency valve. Normally the Reinartz circuit consists of a detector and two stages of audio frequency amplification. The Marco Four is a Reinartz receiver with an additional stage of R.F., and I presume that this is the circuit you refer to. The R.F. choke in the existing set will be sufficient when a short wave adaptor is used. The radiokes 3 coil tuner will make an excellent short wave unit if re-wound for the correct inductance, and the reaction coil used as a variable aerial coupling.

S.C. (SYDNEY).—You may use your Super-Het with an aerial and earth by using the two outer terminals for the loop connections in the diagram you have enclosed.

L.F.R. (STANTHORPE).—Dry B batteries will deteriorate when idle after a certain time. Naturally the time taken for deterioration is not so short as when the batteries are in use.

W.J. (CAMPSIE).—The address of OA-2YG is Mr. Ray Allsop, Chief Engineer, Station 2BL.

M.M. (WESTON).—As your reception is good until night fall, it is safe to assume that the distortion you find is due to atmospheric conditions. This undesirable feature is very pronounced in certain localities and does not usually remain constant throughout the year.

A.R. (MARRICKVILLE).—It is not detrimental to your valves to use a C battery; the C battery is always a decided advantage, if correctly used. It lessens the drain on the B battery and allows correct operation of the audio amplifying valves in accordance with the maker's specifications.

J.M. (RYDE).—Looking through the parts of the set you have dismantled I advise you to build up a Reinartz 3 valve receiver from the same. The Reinartz is a very flexible circuit capable of excellent results.

K.F.W. (ABERMAIN).—You may charge your Philco B battery by means of your trickle charger by charging the battery in sections. Do not allow the charging rate to increase over 250 mils.

E.P. (LOWANNA).—The method of rejuvenating valves in the way you desire is quite simple. Do not forget that it is necessary to reverse the whole of the B battery and not only a section of it. The explanation in the article is quite clear. The lack of life in your set seems to be due to a faulty grid leak.

L.A. (CANTERBURY).—The obvious trouble with your receiver seems to be a discharged C battery. Before making any alteration, renew this, when the trouble should immediately disappear.

W.J.C.C. (LILYFIELD).—Messrs Colville Moore, 10 Rowe St., Sydney, or the Economic Radio Stores, will supply you with parts and details for the construction of the B eliminator you require.

ADAPTOR (ABERMAIN).—First of all it is apparent that owing to the unstable oscillation with your short wave adaptor, that the grid potential and voltages are incorrect. It is first necessary to find a grid leak of correct value for the valve you are using, and to use this in conjunction with the correct B battery voltage. You should not normally be troubled with hand capacity effect, but make sure that the rotor of the variable condenser is connected to the earth and filament circuit and not vice versa.

ENNKAY (SYDNEY).—From your second query I understand that you wish to use the Ford coil in conjunction with your B eliminator as a filter. If this is used, you should have an available voltage of 150 at about 75 mils. for the plates of your two UX171 valves. I do not advise running the filaments of the valves on AC alone for audio amplification, as you are sure to experience an unpleasant amount of "hum." You should at least have available 40 milliamps for these last two valves.

D.W.R. (WAITARA).—You should certainly not normally hear 2FC in any position of the dial with your short wave adaptor whilst the short wave detector is in oscillation. It is possible that your aerial is energised by a near-by receiver operating on the broadcast band. This effect is often very noticeable on short wave reception. It amounts to "shock excitation" of your aerial by the near-by receiver owing to re-radiation. It seems from your description, however, that your short wave adaptor is not functioning properly. The background of noise is probably caused by a faulty grid leak, although, it may be due to feed back from the audio amplifier portion of your broadcast receiver. Try placing R.F. chokes in the leads between adaptor and receiver.

B.A. (HURLSTONE PARK).—Referring to the various Marco Four diagrams, the one showing the .0001 fixed condenser in the aerial lead is the most suitable from the point of view of selectivity. Your inter-valve transformer may have a poor connection under the head of one of the terminals. Exercise a reasonable amount of care and tighten up the lock nuts holding these terminals in position.

J.L. (TINGHA).—Your request is rather incomprehensive. It is not possible off hand to give you the number of turns of coils for your receiver to enable the reception of such a widely spread number of wavelengths. For instance, 6WF operates on the higher wavelengths in the region of 1,600 metres, whereas 5SW Chelmsford uses 24 metres. It will be necessary either to build a separate short wave receiver or to use an adaptor in conjunction with your present set. Although a combination receiver can be made, I do not recommend this.

H.P.M. (QUIRINDI).—After having checked carefully the details of your circuit diagram, I am unable to make any suggestion which would materially improve this, bearing in mind that you still desire to use the same parts. The circuit as you are probably aware, is the well known "Tuned Anode," and apparently gives good service in your location. You may, however, obtain better reception from 2BL by the use of Solenoid coils of a more modern type in place of the honeycombs you are now using. A change of grid leak valve may be an advantage in the reception of various stations. A high resistance leak will give more selectivity with decreased volume and vice versa.

D.W.L. (FAIRFIELD).—The valve you are using in your Extraordinary One is not the best type. I advise you to try a Philips' A415 when you may expect a decided increase in results.

W.J.S. (WENTWORTH FALLS): Try a different grid leak resistance. This will probably clear up the difficulty of harsh oscillation control on 2BL.

D.W. (WOLLONGONG): I do not advise you to try any material alteration to your Igranic Super if this is functioning so well. In place of the DE5B valves, in the intermediate amplifier, try Osram DEH 610's or Philips' A635's.

C.I. (KIAMA): I am unable to offer any suggestion as to the identity of the interfering Morse station. This may possibly have been a ship somewhere off the coast.

A.Z. (NEWCASTLE): In your case, I recommend the use of accumulator A and B batteries used in conjunction with a combination charger, such as the "Handy" or "Canberra."

S.Z.K. (CAIRNS): An unreliable grid leak will certainly produce the effect you complain of. It will be necessary to change this to overcome the difficulty.

W.H.U. (STRATHFIELD): If you have tried the B eliminator belonging to your friend on your 5 valve receiver, and it functions satisfactorily, there is no reason why you should not duplicate this. The use of the elminator will not be in any way harmful to your set.

SHORT WAVE (LEURA): It is rather a coincidence that the "Go-Getter" short wave receiver is now published in "Wireless Weekly" at the same time as your query. The variable resistance across the secondary of the 2nd audio transformer does not in any way affect the tuning of the receiver. This is solely a volume control. It is certainly desirable to use a 10 to 1 ratio transformer for the first stage and the all-American is recommended as being the most suitable. Your variable condensers are correct in capacity. If you only obtain sufficient volume for the headphones, from 5SW, I can only suggest that you try different combinations of valves. You should receive various American short wave stations without any trouble. The back of panel wiring diagram as shown is quite correct.

J.C. (NEWTOWN): The connections you have described for your C battery are quite correct, but it is evident that you have a mis-connection in the filament circuit of the receiver. If there is a fault in the wiring it is possible that by this means you have shunted the C battery across the A battery, independent of the filament switch. This will account for the valves remaining lit when the receiver is switched off.

WIRELESS WEEKLY

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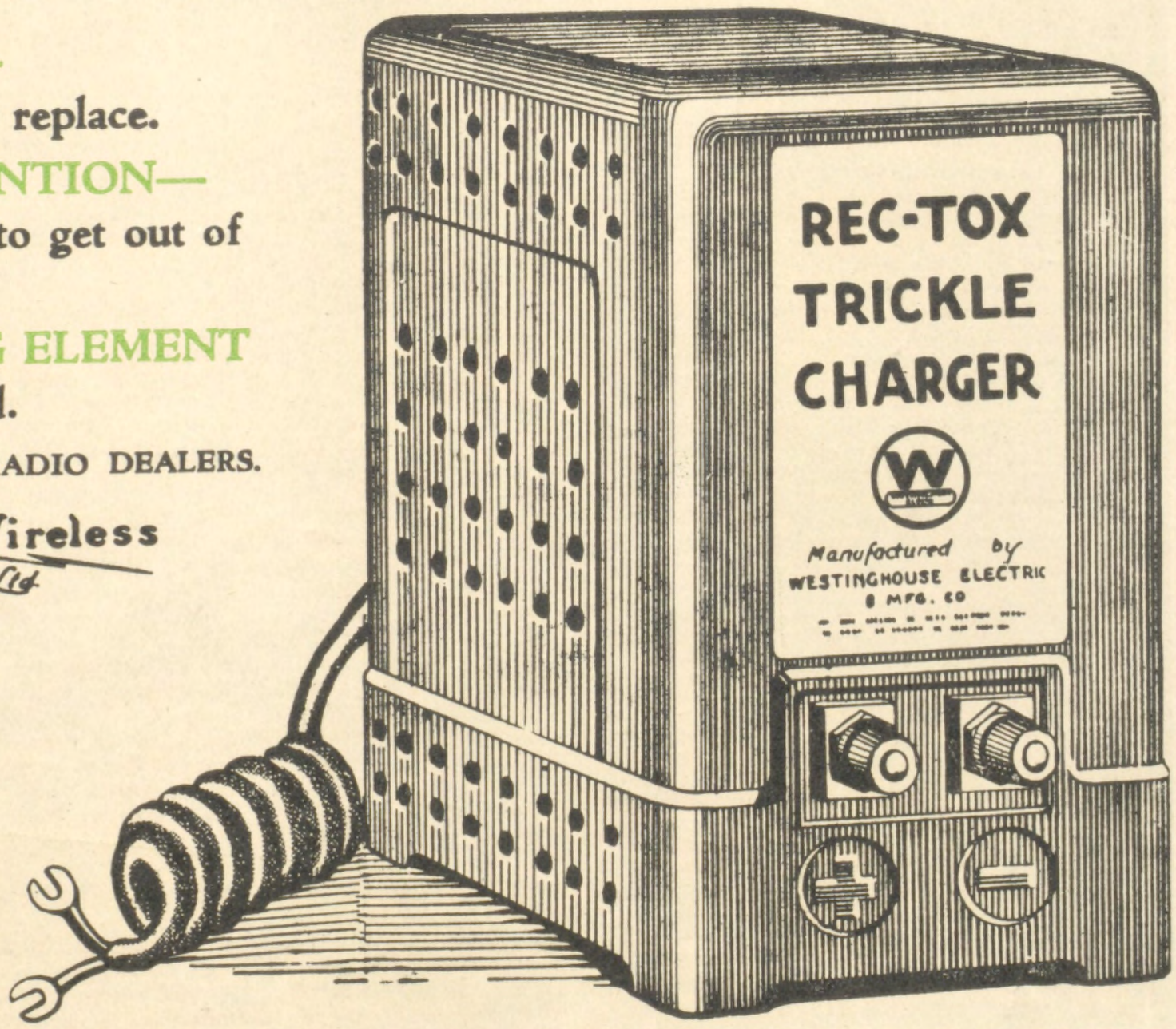

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