

THE BROADCAST BULLETIN



2^d

PROTECT YOUR LOUD-
SPEAKER WITH AN
OUTPUT FILTER.

NEW SCHEDULE OF
HOURS FOR 2FC & 2BL.
ALL THE PROGRAMMES.

Vol. III

MONDAY, AUGUST 20, 1928

No. 15

YALE "B" BATTERIES REDUCED IN PRICE

*One More Reason Why You Should Demand
and Change to YALE BATTERIES*

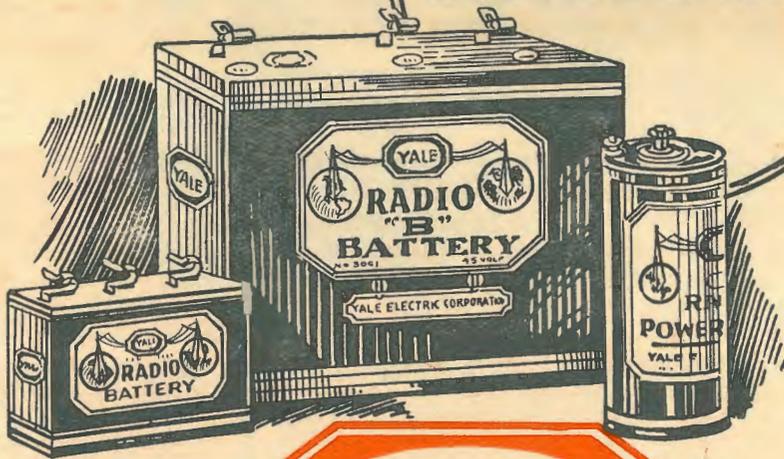
NOW more so than ever before does the use of YALE Radio Batteries cost you less per hour of radio reception. The reduction in YALE Radio "B" Batteries means no reduction in quality. They still give the same perfect performance for which every YALE Battery is noted. The same powerful pick-up of depleted energy during idle hours—greater recuperation;—the reason why YALE "B" Batteries live longer are still outstanding. And to this exceptional advantage of "Plus Power" is added a quietness and steadiness of energy-flow that transforms each radio hour into sixty minutes of uninterrupted delight.

YALE makes every type of "A," "B" and "C" Battery—ask for the correct one for your set.

**"YALE" Heavy Duty
"B" Battery, 45 Volts
now 22/6**

**"YALE" Extra Heavy
Duty "B" Battery 45
Volts now 32/6**

*less
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radio hour*



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Store

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BRISBANE**



BATTERIES

PUBLISHED
WEEKLY

PRICE
TWO PENCE

The BROADCAST - BULLETIN -

Editor
ALFRED T. BARTLETT

Monday, 20th August, 1928.

Technical Editor
LEIGHTON GIBSON

Radio and the Young Man



ADIO has exerted a multitude of influences upon the present age—and the fact that each influence has been for the moral and social uplift of the whole civilised race, stands as a noble monument to the credit of the science.

The influences of radio form a wonderful and fascinating theme around which much could be written. There is, however, one aspect of the subject which interests those of us who give a thought for the morrow, inasmuch as it concerns the nation's future manhood.

Right from early childhood, most boys are possessed with a natural curiosity to make an inside inspection of things. Many of us remember dismantling the clockwork of our first mechanical toy—and our unsuccessful attempts to assemble it again.

It was to satisfy a boy's natural love of building things that hobbies such as Meccano were conceived. But amusing as these novelties were, we quickly tired of this narrow outlet for our constructive genius, and looked around for fresh fields to conquer.

But then came radio—and to-day countless numbers of young men have taken up wireless as a hobby. The amateur field is comprised almost solely of young men, all of whom would prefer to spend an evening tinkering around with a piece of radio apparatus to seeking amusement from any outside source.

Radio as a hobby brings out the best there is in a young man. It fosters an appreciation and understanding of things scientific; it offers an ideal method of passing away leisure hours, and it provides a safe avenue for spending spare shillings—shillings that might otherwise find their way into bookmakers' purses or be flung carelessly across hotel bars.

The growing youth needs mental recreation as well as physical recreation, and the father who slips a pound or two into his boy's hand with "Here, son, let me see what sort of a radio set you can build," is at least giving his lad the opportunity of taking up a worthy hobby, the associations with which will surely reflect themselves in his character throughout the years that lie ahead.

Rupert Hazel on Aviation

The talk on commercial aviation, given by Rupert Hazel from 3AR on August 8th, proved an unqualified success, and should do much to eradicate the word "fear" from the vocabulary of the would-be airman. In his pithy and breezy discourse, Rupert proceeded to describe the "picnic" of a flight, the feeling of perfect safety enjoyed by the voyager in his airplane and his sorrow and concern for the poor fellow who adopted the uncertain and insecure motor car as his means of transit. As he rightly said, no harm can possibly come to you when you are careering through boundless space, the trouble and bother begins when you try to land on an unsuitable spot, but as excellent land stages are plentifully besprinkled along all the established air routes of the Commonwealth, Australians should worry!!!

Stunt flying, such as a trip over the Alps, where the only landing space might prove to be a series of formidable peaks, is rarely indulged in these days, and it had been proved that reckless aviators invariably came to grief through being too venturesome.

Speaking about the advantages of private or commercial aviation, Mr. Hazel said it was difficult to estimate its far reaching effects, and, in passing, that

it was no unusual thing for the famous jockey, Steve Donoghue, to ride his first race in France early in the afternoon, then fly to England to fulfil an engagement later in the day.

In conclusion, he suggested that, as a nation, Australians would make the finest aviators in the world; their splendid physique, intrepid spirit and enterprise, not only placed them in the front rank of sportsmen, but in the ideal conditions of their country offered them every inducement to indulge in this latest and most absorbing form of sport.

BRUNSWICK CITY BAND.

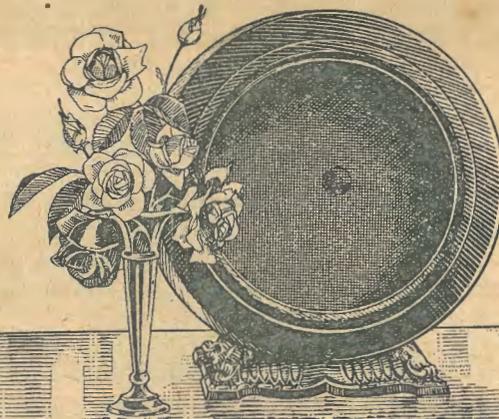
The Brunswick City Band will be at 3LO Melbourne again on Tuesday night, August 21st, when it will broadcast another excellent programme.

TRAVEL IN BEAUTIFUL GREECE.

3LO listeners will be transported to old Greece, and will have described to them the wonders and beauties of that ancient country, by Miss E. Derham, M.A., senior lecturer in English at the Melbourne University, at 7.30 on Tuesday night, August 21st. The talk should prove most interesting to all travel lovers.

A Wonderful Receiver made More Beautiful

The 1928 Model of the UDISCO L5 features new beauty in cabinet design. Polished Maple replaces the old bakelite panel, and the tuning dial is automatically illuminated when the set is switched on.



The UDISCO L5

No matter what price you pay, your money cannot buy a better 5-valve set than the UDISCO L5. Enormous range, keen selectivity, pure tone, remarkable ECONOMY of operation, simplicity, are the outstanding features.

Note the New Lower Price—

Complete with all Accessories **£45**

ASK YOUR
DEALER FOR
DEMONSTRATION.

UNITED DISTRIBUTORS LTD.
Queen St., Brisbane.

Broadcasting from the Circus

4QG's Novel Entertainment for Children



TUCKED away in an obscure corner of the inner consciousness of every man and woman is the memory of the "Circus Days" of their childhood—of the days when, with high spirits and keen expectation, they entered the big marquees and witnessed the acts of daring and skill performed in the "sawdust ring."

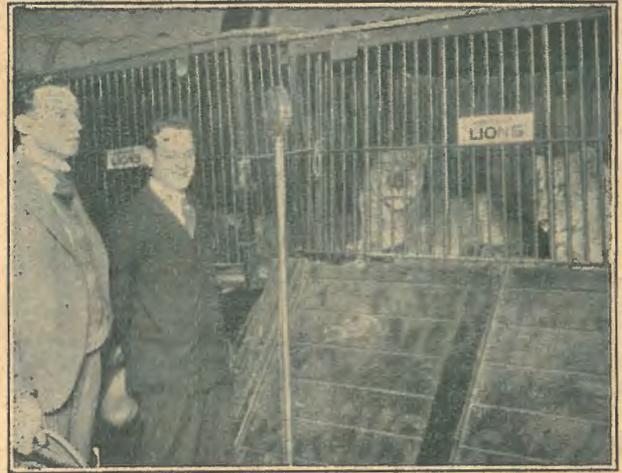
To the children of to-day the advent of the circus holds as much interest as it did for their parents in days gone by. The many fields of amusement and the many sources of entertainment to which the modern child has become accustomed, have not served to spoil the child-interest in the circus, nor taken away any of its glamour.

The recent annual visit of Wirth's Circus to Brisbane served to awaken a desire to see the show among most children. For weeks past, groups of children could be seen loitering on the way to school to gaze with awe at the gaily-coloured posters displayed in the suburbs, announcing the coming of the circus, and those of us who saw them found our minds wandering back along the happy path to childland when we, too, did the selfsame thing.

Station 4QG, ever on the alert for some novel broadcast, and visualising the unbounded delight that would greet a circus broadcast, went to some pains to make special arrangements with the management of Wirth's Circus for the broadcasting of the bedtime stories from the menagerie of wild animals.

The resulting broadcasts were highly successful and keenly appreciated—among the children particularly. The Sandman and "Percy" were the first two bedtimers to visit the circus, and gave the listeners a realistic description of the many wild animals. The roar of the lion, the ominous growl of the tiger, the chatter of the monkeys, the grunts of the big grizzly bears, and the trumpeting of the elephants sounded most realistic over the air.

The following night Uncle Ben and "Ikey" broadcast the stories from the circus, much after the same manner as did Sandy and "Percy." To those children



Uncle Ben (left) and "Ikey" talk to the children from Wirth's Menagerie.

within easy access of the show these broadcasts only served to whet their young appetites, but to those more remotely situated, the realistic descriptions were gratefully received as the next best thing to an actual visit to the circus.

In addition to the bedtime broadcasts, Station 4QG also gave a description of a portion of the nightly ring programme. An announcer stationed at the side of the ring described a daring trapeze act and other novelties for the benefit of listeners who did not, or could not, attend the show.

And so youthful and older listeners will remember the circus broadcasts as one of many novelties that have been broadcast by 4QG in its endeavour to provide "something different." The memory of the novel bedtime stories will live in the memory of the children long after the circus "has folded its tents like the Arabs and silently stolen away."

The "Bulletin" Greatly Appreciated

The Editor's morning mail is generally brightened with letters from readers who write to express their appreciation of "The Broadcast Bulletin" in its improved form.

One reader recently wrote and expressed his regard for the paper in no mean form. His letter read:

Dear Sir,—I very much appreciate "The Broadcast Bulletin." Please do not cancel my subscription until you see my funeral notice in the Brisbane "Courier." Also inform Uncle Ben that he is greatly appreciated in this household.—Yours faithfully.

4RM Back Again

POPULAR EXPERIMENTAL STATION
RE-OPENS ON SUNDAY, AUGUST 19th.

After a "close down" extending over a period of three weeks, Experimental Station 4RM is coming back on the air again on Sunday, August 19th, at 6 p.m.

Extensive alterations, based on observations and listeners' reports, have been going on within the station, and Mr. Ray McIntosh (owner and operator) is enthusiastic about the results these alterations are calculated to bring forth.

As is well known, 4RM is an experimental station, situated at Hawthorne, Brisbane. For several months past the station has been broadcasting on Monday, Wednesday, Friday, and occasionally Sunday evenings. Its programmes have comprised gramophone record and voice test by artists, while speech tests have been carried out with Mr. C. V. Woodland (a former announcer at 4QG) officiating at the microphone.

Wonderful results have been secured at 4RM on a wavelength of 250 metres, and a power supply of less than 10 watts, reports of loudspeaker reception having reached the station from all parts of Australia. Utilising a new system of modulation and employ-

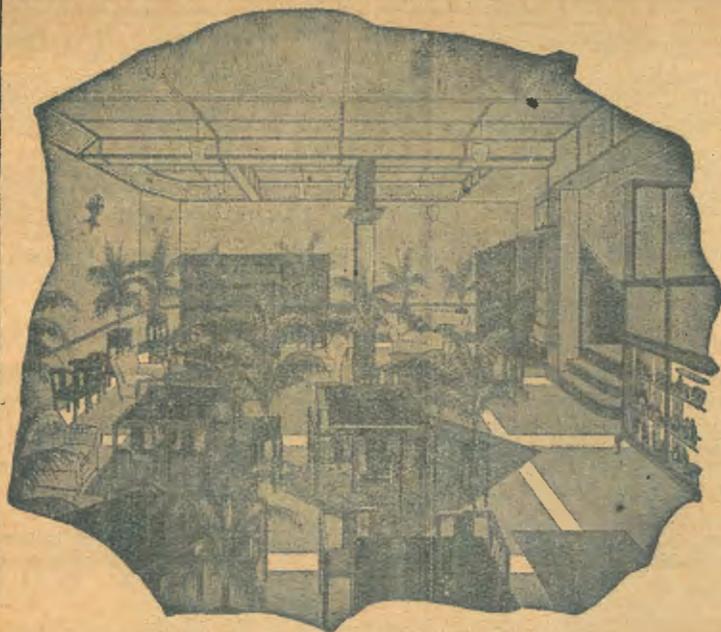
ing a microphone of special design (patents for which are pending), transmission has been singularly clear and well modulated.

The first of a new series of tests will be given on Sunday, August 19th, from 6 to 7 p.m. Upon this occasion the orchestra from the Empire Theatre, together with well-known vocal artists, will provide musical numbers.

Further tests will follow each Monday, Wednesday and Friday evenings, from 7 to 8 p.m. Vocal assistance has been offered the station by well-known artists, and 4RM has decided to avail itself of this generosity by carrying out vocal tests each night the station is on the air.

4RM is calling for candid criticism from listeners. Its operator desires to know how the signals are "getting out." He is naturally glad to receive reports of goods tests, but he also desires to hear of any little imperfections as well. All at 4RM are striving for 100 per cent perfect transmission—a lofty ideal perhaps—and it is most anxious to receive criticism from listeners. Report will be acknowledge upon 4RM's handsome Q.S.L. cards—just off the press.

In the August issue of "The Queensland Radio News" there appears a big two-page article setting forth a complete description of 4RM. A photograph of the big 97ft. aerial, another of the station showing the transmitter, and a third of the temporary studio are also included. Those interested in this station should secure a copy of "Q.R.N." from their local newsagent.



A corner of the beautiful Acacia Garden so popular among the smart folk of Brisbane.

The Rendezvous of Fashion

Here at the most refined and secluded cafe in the city, people of fashion foregather for morning and afternoon refreshment.

Ladies entertain their friends, gentlemen talk business over delicious coffee or pure liquors. Appointments are luxurious; charges moderate.

Business Men's Lunches

Tasty lunches are served daily and the tables are well patronised by many well-known business men. YOU should come along, too.

VALLELY'S



Acacia Garden

Protect Your Loudspeaker with this ~

OUTPUT FILTER

By THE TECHNICAL EDITOR.

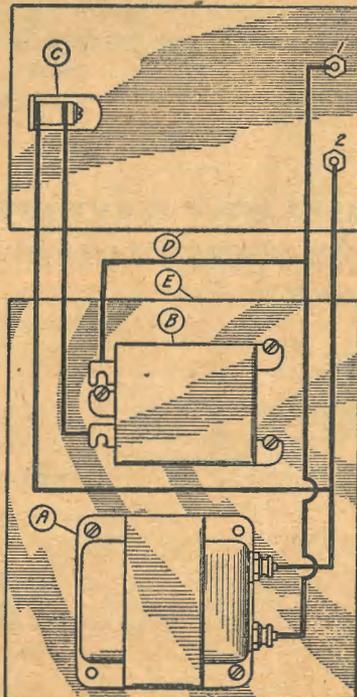
MANY loudspeakers that use the ordinary telephone type of diaphragm and electro-magnet contain an adjustment for varying the distance between the diaphragm and the magnet poles, so that volume can be controlled. This is because the direct current that flows through the magnet coils in this type of unit produces a stress in the diaphragm that either attracts or repels the diaphragm in accordance with the polarity with which the loudspeaker is attached.

For this reason, some loudspeakers also require that the connections be made in a certain direction, so that the diaphragm will be permanently attracted towards the magnet when the tubes are in operation and the plate current flows through the loudspeaker. This gives the diaphragm a certain inertia or drag which produces some distortion.

In the case of the type of loudspeaker in which the diaphragm is under no magnetic stress such as when a balanced armature is used, the moving coils are usually of fairly low impedance, and this places a considerable load on the output of the valve with which they are connected in series.

A simple small unit that will improve considerably the operation of most loudspeakers is explained, and information regarding construction given in this article.

The unit consists of a high impedance choke coil which may be connected across the plate and "B" battery output terminals—the loudspeaker terminals—of a receiver. Shunted across this are a large fixed condenser and a jack for accommodating the plug attached to the loudspeaker. The impedance coil or choke, which is designated in the diagram A, serves to furnish the plate of the last amplifier valve with the necessary direct-current potential. The loudspeaker is connected in circuit, however, through the fixed condenser B, which is in series with the loudspeaker,



by means of the jack C. This allows the alternating current output from the receiver to flow from the plate of the valve, through condenser B, and the loudspeaker and jack, to the filament circuit via the "B" battery, but at the same time it prevents any direct current from flowing through the loudspeaker itself.

This simple little unit will help the experimenter in obtaining better quality of reproduction from almost any loudspeaker now on the market, and will in some cases also increase the volume to a considerable extent.

In making up a unit of this type, it will be necessary to obtain a small bakelite panel $3\frac{1}{2}$ by 4 inches in size and a block of wood to be used as a base, 4 by 6 inches by $\frac{1}{2}$ inch. These should be fastened together at right angles by means of two screws in the usual way.

Mount on the baseboard the choke A, and fixed condenser B. Then mount on the panel the two binding posts and the single-circuit jack C as shown, and wire up as indicated in the picture wiring diagram.

The two binding posts of the unit then should be connected to a plug which is inserted in the jack of the set which has at previous times been used for general loudspeaker operation. The loudspeaker plug should then be inserted in the jack C, and the unit is ready for operation.

There will now be no direct current flowing through your loudspeaker, but only the alternating current of the plate circuit in your last valve will have passed through the loudspeaker coil windings.

As stated before, this unit will improve reception on almost any type of loudspeaker, it will increase the life of some loudspeakers, and it will prove to be interesting and helpful to any experimenter who is looking for the utmost in quality of reproduction.

The device is especially valuable when used in connection with receivers which follow the modern trend towards the use of a "power-valve" in the last stage. Comparatively high plate voltages are frequently used on these valves—indeed, they are necessary for best results—and the amount of current flowing in the plate circuit is correspondingly heavy. Under these conditions, the fine windings of many types of loudspeakers often are unable to stand up to the load, and a breakdown of the windings is the natural result. The use of the output filter described obviates all risk from this source, for, as previously explained, the heavy plate current does not pass through the loudspeaker, but is diverted instead through the relatively heavy winding of the audio-frequency choke.

Parts Required:

- 1 Emmco 25-Henry choke (A)
- 1 Hydra 2-mfd. fixed condenser (B)
- 1 H. & H. single-circuit jack (C)
- 2 Binding-posts or terminals
- 1 6ft. loudspeaker cord.
- 1 Phone plug.

RADIO FANS!

Read this Page!

Here is Something you want!

How many times when listening-in to relays of overseas stations or listening direct to short-wave stations have you been slightly at sea in regard to the difference in time between cities in other countries and YOUR OWN TOWN?

At last a simple and very effective time card has been designed and produced—a card which, merely by a turn of the finger, solves your time problems.

The Read Press has secured the sole Queensland Agency for these cards, supplies of which are now available at the very moderate price of

1/- POSTED 1/3 EACH).

The time card contains the names of all countries in the world, and mounted on it is a movable gauge. To ascertain the time at any place, it is merely necessary to set this movable gauge at your own time and then make a direct reading of the time you are anxious to ascertain.

Detailed calculation is no longer necessary.

A LIMITED SUPPLY OF THESE CARDS ONLY IS AVAILABLE.
DO NOT DELAY, BUT SECURE YOURS TO-DAY.

Available at:

THE READ PRESS LTD.,

Adelaide Street (near Albert Street) - - - - - BRISBANE

Price **1/-**

And from all
Leading Radio
Traders

Posted **1/3**

New Schedule of Hours on the Air for 2FC and 2BL

To avoid duplication of services during unimportant periods, and to give service from both stations during the important periods of the day, a new roster of hours has been decided upon. This will be of great advantage to the trade, particularly as they have been specially catered for in connection with demonstration music during the peak periods—at lunch time and the busy three-quarters of an hour prior to closing time at 5.45.

Another much needed reform has been carried out by the alteration of hours in the children's session, so that they do not clash. One station starts the session at 5.15, and as the session is drawing to a close with entertainment for the little ones.

Right through the early evening session, which contains so much important commercial news, a satisfactory arrangement has been made so that speech from one station is balanced by music from the other.

The new schedule, which is as follows, comes into operation on Monday, August 26th:—

MONDAY TO SATURDAY:

2FC.

- Early Morning Session:**
 7.0 a.m.—Music.
 7.15 a.m.—Weather, markets, news, commercial.
 7.50 a.m.—Music.
 8.0 a.m.—Close.
- Morning Session:**
 10.0 a.m.—Music.
 10.15 a.m.—Country news.
 10.30 a.m.—Reading, domestic hints.
 10.45 a.m.—Music.
 11.0 a.m.—Close.
- Mid-day Session:**
 12.0 noon.—Weather, markets, stock exchange, news.
 12.30 p.m.—Music till 1 p.m.
 1.0 p.m. to 2.0 p.m.—Stock exchange, markets, music
- Afternoon Session:**
 2.30 p.m.—Music till 3.0 p.m.
 3.0 p.m. to 5.0 p.m.—Afternoon concert, recitals, talks.
- Early Evening Session:**
 5.15 p.m.—Young Children's session.
 5.45 p.m.—Entertainment for older children.
 6.0 p.m.—Music.
 6.15 p.m.—Market news, commercial, sporting.
 7.0 p.m.—Dinner music.
 7.30 p.m.—Studio items.
- Evening Session:**
 8.0 p.m. to 11.0 p.m.—Evening programme on Monday and Wednesday.
 8.0 p.m. to 11.30 p.m.—Evening programme on Tuesday, Thursday, Friday and Saturday.

2BL.

- Morning Session:**
 8.0 a.m.—Music.
 8.15 a.m.—News, weather, markets, commercial.
 8.45 a.m.—Music.
 9.0 a.m.—Domestic news, social news, readings.
 9.30 a.m.—Music.
 10.0 a.m.—Close.
- Mid-day Session:**
 11.0 a.m. to 12 noon.—Women's session.
 12.0 noon.—Music till 12.30.
 12.30 p.m. to 2.0 p.m.—News, music, mid-day functions, hospital session.
- Afternoon Session.**
 3.40 p.m.—Music till 4.0 p.m.
 4.0 p.m. to 5.45 p.m.—Afternoon concert, talks.
- Early Evening Session:**
 5.45 p.m.—Young children's session.
 6.15 p.m.—Elder children's session.
 6.30 p.m.—Dinner music.
 7.0 p.m.—Markets, commercial, sporting, news, talks
- Evening Session:**
 8.0 p.m. to 11.0 p.m.—Evening programme on Tuesday and Thursday.
 8.0 p.m. to 11.30 p.m.—Evening programme on Monday, Wednesday, Friday, and Saturday.

SUNDAY:

- | | |
|---|--|
| Morning:
10.15 p.m.—Music till 11.0 a.m.
10.0 a.m.—News till 10.15 a.m.
10.15 a.m.—Music till 11.0 a.m.
11.0 a.m. to 12.15 p.m.—Church service.
2.30 p.m. till 5.0 p.m.—Afternoon concert.
Evening:
6.0 p.m.—Music till 7.0 p.m.
7.0 p.m. to 8.30 p.m.—Church service.
8.30 p.m.—Evening concert till 10.30 p.m. | Morning:
11.0 a.m. to 12.15 p.m.—Church service.
12.15 p.m. to 12.45 p.m.—News.
12.45 p.m. to 2.0 p.m.—Music.
3.0 p.m. to 5.0 p.m.—Afternoon concert.
Evening:
5.45 p.m. to 7.0 p.m.—Children's session.
7.0 p.m. to 8.30 p.m.—Church service.
8.30 p.m. to 10.0 p.m.—Evening concert. |
|---|--|

The sessions arranged for Sunday show further consideration to listeners by giving a service commencing at 10 o'clock in the morning and going through continuously from either one station or the other until 2 p.m. in the afternoon. A short break of half-an-hour and the transmission commences again at 2.30 and goes through both stations until 5 o'clock. In the night session, 2FC commences at 6.0 p.m., and 2BL at 5.45 p.m., the former closing down at 10.30 and the latter at 10 o'clock.

NOVEL WRESTLING CONTEST

3LO'S MANAGER VERSUS 3AR'S MANAGER.

The fun was fast and furious the other night at 3AR, when Rupert Hazell threw discretion to the winds and undertook to fill the dual role of announcer and referee when, under his supervision, the manager of 3LO and the manager of 3AR engaged in a friendly wrestling bout. As the genial Rupert said, few people were better qualified to broadcast a description of the match than himself, because not only had he coached the contestants, but he had taught them secret holds known only to the wrestler and the trainer. Discussing the more popular holds, such as the "Boston Crab," "Wristlock," and "Face-bar," Rupert deplored the lack of originality on the part of some of our really leading wrestlers. As he said, he has perfected more holds with his teeth than the average wrestler ever thought of doing with his toes. Again, "What's a fellow's ear for?" enquired Rupert. In spite of every precaution, the secret of some of his pet holds has leaked out—especially those which call for the deft manipulation of a good set of teeth—and he has been literally besieged with applications to either compile a booklet describing them, or to organise a class, with himself as instructor.

Rupert modestly suggests that few things would give him greater pleasure, but says that the time has really come when he must pack his tooth brush in his valise and be "on his way" to the Old Country. However, he has promised to seriously consider the question in time for his next visit to Australia, and if his threat really materialises, it should establish a new era in wrestling, and it will be "Rupert" who will put a "bite" into the proceedings.

The Melba Broadcast

Through the generosity of Dame Nellie Melba and by courtesy of the directors of the Williamson-Melba Grand Opera Season, the New South Wales Broadcasting Company Limited were able to arrange for a transmission of "Boheme" and "Othello" from Her Majesty's Theatre on Tuesday, August 7th.

Dame Nellie Melba appeared in three acts from "La Boheme," and also the prayer scene from "Othello," and the cast included John Brownlee, Elena Danieli, Browning Mummery, Fernando Autori, Inigi Cilla, and the whole performance was under the conductorship of Commendatore Gatano Bavagnoli.

Many letters were received by the New South Wales Broadcasting Company, asking whether this performance of Dame Nellie Melba could be made

tained by a direct radio relay rather than by the use of the trunk line, made all arrangements to effect a re-transmission. The night was very suitable for the attempt, and during the early part of the evening 4QG very splendidly relayed Dame Nellie Melba through 2FC. The transmission from 2FC was picked up direct by 4QG engineers, was amplified, and then fed to 4QG's transmitter. There was very little fading, practically no distortion, and owners of small sets in Queensland were able to hear the famous Dame Melba almost as clearly as if they had been sitting in the theatre.

After ten o'clock Station 2BL took up the transmission from the theatre, and 4QG again relayed portions of the performance through 2BL. The transmission was quite good, but was marred to a very great extent by the number of badly handled receivers in Brisbane which made it a difficult matter for the operator at 4QG to handle 2BL's transmission. When there was a lull in the chorus of squeals and howls Dame Melba was heard to perfection, but every now and again shrill whistles from oscillating receivers destroyed the re-broadcast.

It should be clearly understood just how these oscillating receivers were reproduced in 4QG's transmission.

In order to re-broadcast Melba, 4QG received direct from 2BL by radio and howling valves in the neighbourhood of the set on which the reception was being effected caused squeals and howls in the reproduction of the theatre broadcast. As the matter from the official receiver was fed to the main transmitter at 4QG, these noises could not be separated, and consequently were broadcast. The result gave a first-class indication of what it would sound like to listen in if 4QG were to have a silent night.

The most remarkable feature of the whole business lay in the fact that the squeals were caused by the owners of receiving sets trying to get 2BL broadcasting Melba. Why these people should attempt to deal with 2BL direct when their own local station was effecting a relay of the same performance and, incidentally, was giving them a transmission much easier to tune-in to (on account of the closeness of the station) than that of 2BL (seven hundred miles away) is very difficult to imagine.

There is, of course, always a tendency for the owner of a receiving set who hears a simultaneous broadcast to try and tune in other stations merely for the sake of hearing them all broadcasting the same thing, and perhaps it was this that led many owners of sets in Brisbane to listen to 4QG relaying 2BL and then to attempt to get 2BL direct.

People who attempted this, however, quite overlooked the fact that by virtue of the interference they caused, it was not possible for 4QG in the latter part of the evening to give as faithful a reproduction as would have been the case had many listeners been more reasonable. The offenders also probably overlooked the fact that there are thousands of owners of cheap sets quite incapable of bringing in the South, and that to these people the opportunity to listen to Melba was a rare treat.



DAME NELLIE MELBA.

historic by a broadcast transmission. When the question of a fee for the performance was raised, Dame Nellie, with characteristic generosity, suggested at once that this should be handed over to charity, and the United Charities Fund will be handed a cheque for distribution.

The first part of the transmission was taken through 2FC Service, and the second through 2BL. No effort was spared to make the broadcast a success, and Dame Nellie's wish that she should be personally remembered to her listeners in the country was faithfully carried out.

4QG's Re-broadcast

Some Useless Interference

The directors of the New South Wales Broadcasting Company, very kindly agreed to allow 4QG to re-broadcast their transmissions of Melba, and the officials at 4QG, satisfied that better results could be ob-

This is What I'd Like to Know-

This is a new department of the "Broadcast Bulletin", and we would like our readers to take full advantage of the free information service which will be conducted by the Technical Editor. Excepting those which entail a considerable amount of investigation, questions arriving at this office up to the first mail on Monday, will be answered in the following Monday's issue. As a rule, queries are answered only through this page; where specially-drawn diagrams are necessary, a charge of one shilling is made.



By The
TECHNICAL EDITOR

J.S., Ithaca.—"I have a very good three-valve set, two years old. Lately there has come in a very heavy rush of current, so strong that you would think it would burst the loudspeaker to pieces. It would drown everything for a time, and then die away. I thought it might be a heavy current from the broadcasting station. What do you think was wrong? (2) Last Sunday, St. John's Cathedral was on, so I was going to listen in to the sermon. I turned half current on to heat the valves, and when the time was nearly up, I turned on nearly full current, and a little while after plugged in the loudspeaker. The crackling noise was very bad—could hear nothing else. I tried the speaker on another set; it was alright. I plugged in the headphones to the phone-jack—alright. Plugged the phones into the loudspeaker jack, and the noise was bad—could not listen to it with the headphones on. I built the 'B.B. Checkotrap' from 'B.B.' of August 29th, 1927, and I can hear everything on it. It is splendid."

Answer.—Your trouble, I should say, is a faulty audio transformer—the second one. The intermittent crackling noise is caused by a broken-down primary winding in the transformer, and your only remedy is to replace the transformer with a new one. The new transformer need not necessarily be of the same manufacture or type as its predecessor; any good transformer with a ratio of $3\frac{1}{2}$ to 1 will be satisfactory. Connect it into the circuit exactly as the old one was connected, paying particular attention to the markings on the terminals. You can ascertain whether or not the noise is coming from an outside source by disconnecting the aerial and earth entirely. If the noise still persists—as I am practically certain it will—you may be quite sure that it is caused by some fault within the set. There is no such thing as a "heavy rush of current" from the broadcasting station. I do not understand your remarks concerning turning the filaments half-on, and later increasing the current to maximum. Apparently you have been told that this procedure increases the life of the valves. Actually, however, no useful purpose is served by turning on the valves gradually. The filaments should be switched straight on to their normal operating point, and the receiver is ready to be used immediately. It has been found that the practice of operating valves at sub-normal temperature has the effect of causing a crystallising action to take place, altering the structure of the filaments, and considerably weakening them mechanically. Very glad you have been so success-

ful with the "Checkotrap"; it is a useful little instrument.

A. H. McL., Sugarloaf Colliery, Cooyar Line.—"I have built the 'Everybody's Three' which appeared in 'The Queensland Radio News' December issue, 1927. I purchased all parts from an old-established firm, but cannot get my set to operate; no glow in valves. I was wondering if I had shorted the 'A' and 'C' batteries. I have no meter, but tested the three 'A's' with my signal bulb, and they are very weak. I use two Radiotron 199 valves, and a Mullard PM-4 in the last stage. I have enclosed two parts of the December number for your guidance; on one I have marked the connection from the 30 to the 15-ohm rheostat on the pictorial diagram (the lead to the other terminal). In the photo they are different."

Answer.—I think you must have made a mistake in the battery connections, and perhaps have burn-out the filaments of your valves. If the three dry cells light your signal lamp—even dimly—they should cause the two 199's to glow faintly when connected to the "A" battery terminals, or direct to the socket terminals. There will be no glow from the PM-4 under any circumstances, as this valve, in common with the majority of the newer valves, has a filament which operates at such a low temperature that no glow is visible. Even though your three dry cells are exhausted, your $4\frac{1}{2}$ -volt "C" battery should light the 199's, when connected to the "A" terminals. The pictorial diagram is perfectly correct, and, strange though it may seem, so is the photograph. The "difference" you mention is simply a reversal of the rheostat, having no effect whatever. It is really a "distinction without a difference"! The diagram has been returned to you, and I have marked the battery connections plainly, so that you will have no trouble here. Check these over carefully, and test the 199 valves on your "C" battery. I think you will find the trouble either in the valves or in the battery connections, as the set, if built according to the instructions, will work very well indeed. Let us know your results.

J.H.A., Springsure.—"Having sold my old three-valve set, I have purchased the necessary parts and have built your latest three-valve set, as published in last month's 'Q.R.N.' Allow me to congratulate you on your achievement, as no doubt it does everything



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you claim for it, with just one slight difference. I am not getting quite the volume I should like. I am using Emmco metal case transformers, 6-volt accumulator, with Mullard PM-5X in the detector socket, PM-5X first stage, and PM-6 in last stage. The tone is beautiful and voice and music very clear, but fading is bad at times. There is one more item I would like your advice on. While the set is in operation, a very annoying humming or ringing noise makes itself conspicuous. (2) Would it be possible to convert my short-wave adapter into a three-valve short-wave and broadcast receiver? If so, would you be kind enough to let me have a list of the extra parts required, and a wiring diagram of the set? My adapter parts are as published in the April 'Q.R.N.'

Answer.—“Sorry I cannot tell you what is wrong, as the “£5 Three” has been built by many of our readers, who have reported excellent results. Apparently you are getting the distant stations all right, but with insufficient volume. If your valves and batteries are quite in order, and your aerial reasonably good, the volume should be ample. Fading, of course, cannot be avoided, and is in no way attributable to the receiver; it has been unusually severe this winter on the southern stations. The valve-types you are using are correct, and the transformers O.K. It is barely possible that one of the valves is faulty. The ringing noise is caused by “microphonic interaction” between the loudspeaker and one of the valves. This is the reason why a cushioned socket was specified for the detector, as it is usually this valve which causes the trouble. Moving the speaker away from the set generally cures the complaint, but sometimes it is necessary to use cushioned sockets throughout to ensure complete freedom. (2) Yes; it is an easy matter to convert the adapter into a short-wave receiver by adding two audio stages onto the detector valve in the usual way. The information you ask for is being mailed to you, but your attention is drawn to the paragraph at the top of page 9.

T.P., Gayndah.—“Will you please explain the difference, if any, between an English, a U.X., a U.V., and American type socket? I know they are different in appearance, but would like to know if they are interchangeable, and what the advantage of each?”

Answer.—The standard English valve socket is the type which is in universal use in England, and in most Continental countries. The valve-base is designed to push straight into the four holes of the socket, the valve pins being split in order to provide a good connection. The four holes in the socket are bushed with brass, and are “staggered,” so that the valve will enter only in the correct way. Considered from a mechanical and an electrical standpoint, this socket is inherently weak, and is not used to any great extent in this country. The “American” and the “U.V.” sockets are one and the same thing, another name being the “Navy-type” socket (referring to the American Navy). This is a bayonet type socket, having a metal or composition shell in which the base of the valve is inserted, and a slot in which a pin on the side of the valve base engages. The four contacts are in the form usually of flat springy

strips of phosphor bronze or brass, against which the valve pins press when the valve is pushed into the socket and turned to the right so that the bayonet pin is locked in the slot provided for it. This is a good socket, though it has several shortcomings. It has been superseded by the U.X. socket, which almost standard nowadays in Australia, and deservedly so. It is a “push type” socket, something after the style of the English socket but without its weak points. The four pins on the valve base are not staggered, but two of them (the filament pins) are considerably larger in diameter than the others, and so the valve can only be inserted in the correct manner. The shell of the socket, which is small physically, is moulded of insulating material, and has four holes in the top, two large and two small. The pins of the valve, after passing through this shell, are gripped in spring contacts, frequently of a similar pattern to the jaws of a knife switch, and excellent contact is possible with good design and materials. All makes of valves marketed in Australia are obtainable with the U.X. base, and this type is strongly recommended.

A.K.L., Sherwood.—See reply to S.L.S., Rosewood, in “B.B.” for 6th August, re A.O.P.C.

“O.T.,” Milton.—The “Q.R.N.” Wavetrap is fully described in the August 1928 issue of “The Queensland Radio News,” which you may procure from any newsagent, or from this office, price 6d. This article has been reprinted twice, which should be sufficient answer to your question regarding the efficiency of the trap. It will work well with your set.

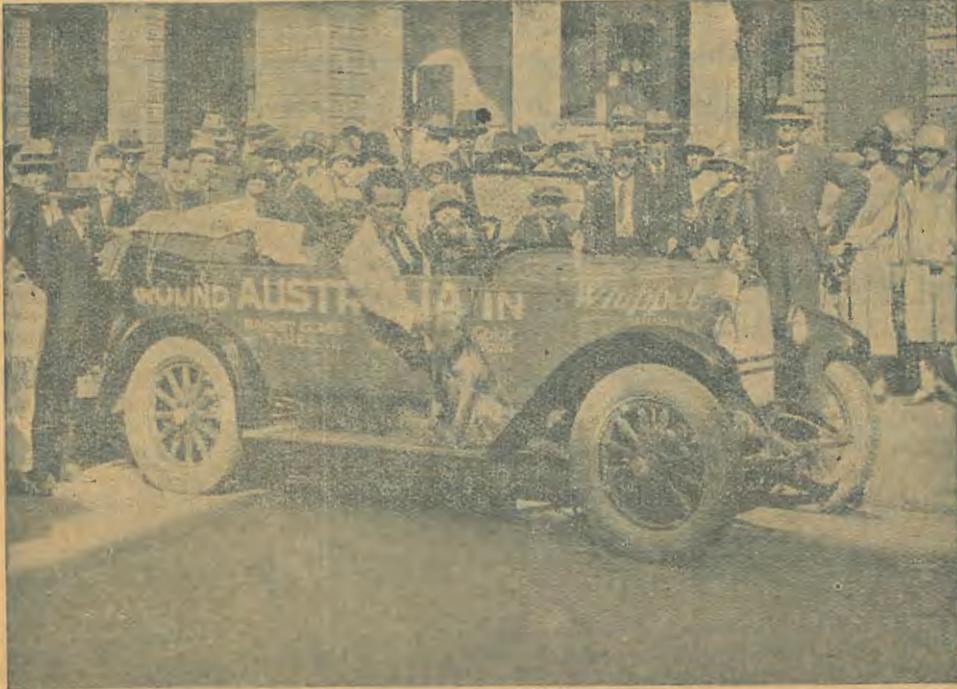
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PROGRAMME PARS

From The Studios of Southern Stations

PAPAL LEGATE TO SPEAK THROUGH 2FC.

Through the courtesy of the committee controlling the 29th International Eucharistic Congress, the New South Wales Broadcasting Company Limited, has been able to arrange for the Papal Legate, His Eminence, Cardinal Cerretti, to broadcast a message immediately upon his arrival in Sydney. His Eminence will speak from the home of Mrs. F. B. Freehill, Buckhurst Avenue, Point Piper, at 8 p.m. on the night of August 30th, and arrangements are now being completed by which the Interstate and New Zealand stations may relay the transmission.

WRESTLING DESCRIPTIONS.

The many lovers of wrestling descriptions from the Stadium, through 2BL, are to have an early opportunity of securing a photograph of Mr. Walter E. Withrow, and also some of the leading wrestlers. These photograph cards are now in preparation, and those who wish to be placed on the list should send in their applications at once to the manager, New South Wales Broadcasting Co., Ltd., 96-98 Market Street, Sydney.

GILBERT AND SULLIVAN PRINCIPALS ON THE AIR.

Readers will learn with considerable pleasure that James Hay and Strella Wilson, the successful Gilbert and Sullivan principals, are to broadcast through the services of 2FC and 2BL. These artists will appear in solos and duets on the night of August 17th from 2FC.

WELL-KNOWN CONCERT ARTIST TO BROADCAST.

Ethel Daw, who is well known to Sydney concert goers, and who gained favourable mention for her work with the Royal Philharmonic Society, is turning to broadcasting, and finds this field—new to her—fascinating indeed. Her work is of a high standard, and listeners who appreciate good music will be delighted with her work. She is singing at 2FC on Friday, 17th August.

"A NIGHT OUT" ON THE AIR.

The Parramatta and District Society have been working hard for their production of the popular musical comedy—"A Night Out"—the music of which was written by the present conductor of the New South Wales Broadcasting Orchestra, Willie Redstone. The performance, which is to be given in the Parramatta Town Hall on Saturday night, 18th August, will be broadcast by 2BL.

THE RETREAT FROM MONS.

The Retreat from Mons, which commenced on the evening of 23rd August, 1914, will be described by Major Sandford Morgan, D.C.M., from 2FC on 23rd August, which is the fourteenth anniversary.

FIRST OF NEW SERIES OF COUNTRY BROADCASTS.

On Saturday, 18th August, the Humphrey Bishop Revue Company will be broadcast through 2FC during the entire performance at the Australia Theatre, Orange, N.S.W. At 7.45 a receiving set, which is to be erected in the theatre, will transmit the 2FC programme from the studios in Sydney. Then at 7.59 a call will be sent from Sydney to Orange. When this call is completed, the announcement will be given that 2FC are crossing over for the Humphrey Bishop Revue, to be immediately followed by the greeting from Mr. Bishop. A very entertaining programme is anticipated.

SOMETHING ENTIRELY NEW.

Station 2BL will present a novelty on the night of 23rd August in the shape of a description from the Glaciarium. On that evening, the management of this well known ice skating rink have arranged a special Swiss scene. The arrival of the train, the skaters alighting and going through evolutions on the ice: then adjourning to the cabaret. This will all be described, together with an exhibition and many novelties in ice skating. The manager of the Glaciarium, Mr. Dunbar Poole, is enthusiastically co-operating with 2BL Service, so that the first presentation of this ice skating event will be an outstanding success.

OF INTEREST TO BOY SCOUTS.

All Boy Scouts will want to listen-in to an interesting talk to them to be given under the auspices of the Boy Scouts' Association from 3LO Melbourne on Monday, August 20th. Boys who do not yet belong to any of the troops should listen-in, too, for they will realise all the fun and information they are missing by not joining this splendid movement.

IF YOU GOLF, LISTEN TO THIS.

All golfers should listen-in to the talk on golf to be broadcast from 3LO Melbourne by Mr. A. W. Jackson on Tuesday evening, August 21st. Many helpful hints will be given in the course of an all-round discourse on the royal and ancient game.

THE FUTURISTS RETURN TO 3LO.

A wide circle of listeners to 3LO will extend a hearty welcome to that clever band of entertainers, "The Futurists," who, with song, sketch and story, will once again add greatly to the comedy element of the programme. Since their last appearance before the microphone, they have made a successful tour of Australia and New Zealand, and have returned to Melbourne with new songs, jokes and impressions.

BOY CHORISTERS FOR CHILDREN'S HOUR.

Owing to many requests, the boy choristers from St. Mark's, Fitzroy, will again provide the vocal items during the children's hour on August 21st.

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Notes from 4QG

THE RADIO EXHIBITION.

Now that the Radio and Electrical Exhibition is over, the staff of 4QG have settled down to their ordinary hours of working. The Exhibition fortnight was a very strenuous one for many members of the staff, who were compelled to work, in many cases, for more than fifteen or sixteen hours a day. The task of the official announcer, Mr. H. Humphreys, who acted as stage manager at the Bohemia Theatre, was a particularly heavy one. Each day Mr. Humphreys was in evidence at the theatre long before the Exhibition was open to the public, and his duties did not finish with the ringing down of the last curtain. The Sandman who, in addition to his stage appearance, also acted as front of the house manager, also had a very strenuous fortnight, and was more than tired when the show was completed. The Exhibition was, however, a wonderful boost for radio, and incidentally afforded some example of the interest taken by Brisbane listeners in the operations of 4QG. More than thirty thousand people attended the Bohemia Theatre during the time the Radio and Electrical Exhibition was open to the public.



GLADYS FROST AND LENA HAMMOND.

Miss Gladys Frost (pianist) and Miss Lena Hammond (contralto) were to have given a recital at the studio of 4QG on July 23rd. Their programme was, however, cancelled, owing to the Radio and Electrical Exhibition being extended for another week. Those listeners who were looking forward to the concert will be interested to learn that it is to be given from 4QG on the night of Monday, August 20th.



THE SPEEDWAY.

Now that the Brisbane Speedway has re-opened at Davies Park, West End, relays of descriptions of the main events will be features of most Saturday night transmissions from 4QG. Last year regular hours were set apart for Speedway transmissions, but this season a different procedure is to be adopted. No definite times of relays will be set out on the programmes, but the announcer on the track will select the main events during the evening and will broadcast descriptions of them as they are held. This will obviate any possibility of long waits while competitors in the main events get their machines ready.



THE PAPAL LEGATE.

On the night of August 30th, His Eminence, Cardinal Cerretti (Papal Legate) will speak for ten minutes from the home of Mrs. Freehill (Point Piper, Sydney). The speech will be relayed by 2FC, and arrangements have been made by 4QG to pick it up by radio and re-broadcast it. If atmospheric conditions are suitable, the engineers at the station expect the relay to be successful.

MR. SYDNEY MAY'S PARTY.

Mr. Sydney May's party of radio artists will provide their first concert from 4QG on the night of August 28th, when a company of well-known artists will provide a first-class entertainment, consisting of solos, duets, quartettes and part-songs.

**PAPAL LEGATE'S VISIT NORTH.**

During the week commencing on Monday, September 10th, 4QG will have an exceptionally busy time with its outside relays. During the ten days the Papal Legate (His Eminence, Cardinal Cerretti) will visit Brisbane, and there will be many important functions. During the same period the Presbyterian General Assembly will be held in Brisbane, and quite a number of interesting meetings and services will be relayed. During the time he is in Brisbane, Cardinal Cerretti will lay the foundation stone of the new Roman Catholic Cathedral, and this ceremony will be broadcast by 4QG.

**CADENZA PLECTRAL CLUB.**

One of the brightest and most musical programmes broadcast by 4QG was the entertainment given some nights ago by Mrs. Mathews' Cadenza Plectral Club and Banjo Band. The group of keen enthusiasts comprising the club rehearsed for some time prior to their appearance at 4QG, and a very pleasing evening's music was the result of their efforts. The party is to make several more appearances on the programmes in the not distant future.

**BROADCAST OF "HIT THE DECK."**

Arrangements have been made to broadcast the first act of the highly successful musical comedy, "Hit the Deck," from 3LO on August 20th. The first act contains many of the most tuneful numbers of the production, and the two duets, "Harbour of My Heart" and "Sometimes I'm Happy," will be certain to meet with a wide and appreciative radio audience, when sung by Miss Annie Croft and Mr. Lance Fairfax.

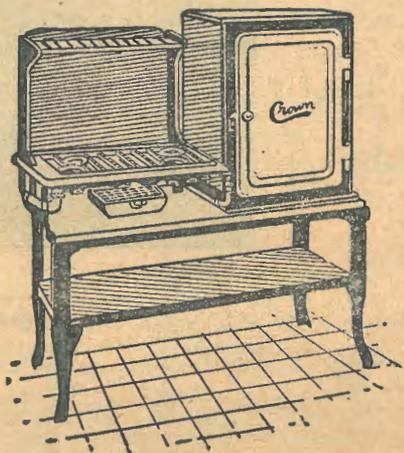
**MELBOURNE UNIVERSITY ORCHESTRA AT 3LO.**

The ever-popular Melbourne University Symphony Orchestra concerts will be continued from 3LO Melbourne on Friday night, August 24th. These concerts are always a musical treat, and listeners need no inducement to tune in when they are on the air.

DON'T GUESS

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Listen-in
to the
Marriage
of
Toti Dal
Monte



At the invitation of the Very Rev. Dean Crowley, and by courtesy of the J. C. Williamson-Melba Grand Opera Company, the New South Wales Broadcasting Company have arranged to broadcast the marriage of Signorina Toti Dal Monte and Signor Enzo de Muro Lomanto, which will take place at St. Mary's Cathedral on Thursday, 23rd August. The service, which will be fully choral, will commence at approximately 10.45, and His Eminence, Archbishop Cattaneo, the resident Papal Legate for Australia, will be the celebrant. The directors of the J.C. Williamson-Melba Grand Opera season are arranging for a full chorus from the company, and Signorina Lena Scavizzi will be the soloist during the signing of the register.

In answer to requests that have been received from the adjoining States and New Zealand, the transmission will be broadcast through 2FC on dual wavelengths of 442 and 28.5 metres, and arrangements are also being made for the Interstate stations, if they so desire, to make a relay.

Signor Lomanto is a native of Napoli, and was brought up from babyhood to the rhythm of music. "They say I cried musically," said Lomanto, through his interpreter. "No wonder I am a lyric tenor now."

Toti Dal Monte is truly glad to come back to Australia. It is two years since she was last here, on concert tour for J. and N. Tait, and she is now delighted to work again under the same management. She has been working harder than ever since she left, and has big Chicago contracts to which she will return at the end of the present engagement. Toti Dal Monte was the first world star to broadcast in Australia. The transmission by 2FC during the Grand Opera season of 1924 were remarkable for their success and the enthusiasm they aroused. The consequent boom in the sale of wireless sets was unprecedented. The announcement of the Grand Opera broadcast was made two or three days prior to the date arranged, and the night Toti Dal Monte sang to 2FC listeners it was practically impossible to buy a crystal or a yard of aerial wire in Sydney.

The Signorina acknowledges no virtues, and boasts a few harmless vices, among which is superstition, particularly regarding the colour red. "Always I include a bit of red somewhere in my toilette on nights I make a big debut," she admitted.



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2KY	Sydney	B	280	1,500
2MK	Bathurst	B	275	250
2UE	Sydney	B	293	250
VICTORIA.				
3AR	Melbourne	A	484	5,000
3DB	Melbourne	B	255	500
3LO	Melbourne	A	371	5,000
3UZ	Melbourne	B	319	100
QUEENSLAND.				
4QG	Brisbane	A	385	5,000
SOUTH AUSTRALIA.				
5CL	Adelaide	A	395	5,000
5DN	Adelaide	B	313	500
WESTERN AUSTRALIA.				
6WF	Perth	A	1,250	5,000
TASMANIA.				
7ZL	Hobart	A	516	3,000
NEW ZEALAND.				
1YA	Auckland (Silent Night, Monday) ...	A	333	500
2YA	Wellington	A	420	5,000
3YA	Christchurch	A	306	500
4YA	Dunedin (Silent Night, Thursday) ...	A	463	750

Sunday, 19th August

4QG BRISBANE

Morning Session.

CHURCH SERVICE.

The complete morning service will be relayed from St. Barnabas' Church of England, Ithaca.
 11.0 a.m.—Church service.
 12.30 p.m.—Conclusion.

Afternoon Session.

BAND CONCERT.

The concert provided by the Brisbane Federal Band will be relayed from the Botanic Gardens.
 3.0 p.m.—Band concert.
 4.30 p.m.—Close down.

Night Session.

CHURCH SERVICE.

The complete evening service will be relayed from St. Barnabas' Church of England, Ithaca.
 7.0 p.m.—Church service.
 8.30 p.m.—Conclusion.

BAND CONCERT.

At the conclusion of the church service, the band concert provided by the Brisbane Municipal Concert Band will be relayed from Wickham Park.
FROM WICKHAM PARK—
 Band concert.
 10.0 p.m.—Close down.

2FC SYDNEY

Morning Session.

10.45 a.m.—Programme announcements.
 10.50 a.m.—From St. John's Church of England, Glebe: The morning service on the occasion of Diamond Jubilee.
 12.30 p.m.—From the Studio: News session and musical items.
 12.45 p.m.—Close down.

Afternoon Session.

2.10 p.m.—Studio announcements.
 2.15 p.m.—A programme from Orange, arranged by the Mayor.
 3.0 p.m.—Organ and vocal recital from St. John's Church of England, Glebe.
 3.30 p.m.—The Manly Municipal Band, from the band rotunda, Manly Beach.
 5.0 p.m.—Close down.

Night Session.

6.0 p.m.—Announcements.
 6.2 p.m.—Maysie Reed (pianoforte solos)—(a) "Sonata, A Major"; (b) "Pastorale and Capriccio."
 6.14 p.m.—Barbara Briscoe (contralto).
 6.21 p.m.—Rene Burkett (violinist)—"Carnival Russe."
 6.33 p.m.—Doreen Walsh (talk)—"Fetish of Personal Adornment."
 6.43 p.m.—Maysie Reed (pianoforte solo)—(a) "Scherzo," (b) "Butterfly," (c) "Night in May."
 6.52 p.m.—Barbara Briscoe (contralto).
 7.0 p.m.—Rene Burkett (violinist)—(a) "Pastorale," (b) "Canzonetta."
 7.8 p.m.—Maysie Reed (pianoforte solo)—"Rhapsody in C."
 7.15 p.m.—From St. Andrew's Cathedral, Sydney—special service.
 8.30 p.m.—From the Studio: Paul Vinogradoff (pianoforte solo)—"Scherzo, B Flat"; concerto for two pianos, "1st Concerto"



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- 1st Movement"—1st piano (Ruby Goldsbrough), 2nd piano Paul Vinogradoff).
- 8.48 p.m.—Dulcie Cherry (soprano)—(a) "Should he Upbraid," (b) "Where the Bee Sucks."
- 8.54 p.m.—The Tuneful Three (instrumentalists)—(a) "Ballet Egyptian," (b) violin "Air Varie."
- 9.4 p.m.—Maestro Carlo Olivi (Italian basso).
- 9.12 p.m.—The "Tuneful Three" (instrumentalists)—Nos. 5, 6 and 7 ballet music from "Faust."
- 9.22 p.m.—Dulcie Cherry (soprano)—(a) "Impatience," (b) "If There Were Dreams to Sell."
- 9.27 p.m.—Paul Vinogradoff (pianoforte solos)—"Second Hungarian Rhapsody."
- 9.40 p.m.—Maestro Carlo Olivi (Italian basso).
- 9.50 p.m.—The "Tuneful Three" (instrumentalists)—(a) saxophone solo, "Danse Hongroise"; (b) "Under the Stars."
- 10.0 p.m.—National Anthem. Close down.

2BL SYDNEY

Morning Session.

- 10.45 a.m.—"Sun"—news service.
- 11.0 a.m.—Service from Newtown Congregational Church.
- 12.0 noon.—Close down.

Afternoon Session.

- 2.0 p.m.—Special session for children in hospitals.
- 2.15 p.m.—H.M.V. gramophone recital.
- 3.0 p.m.—Organ recital by Mr. H. E. Sheppard, broadcast from St. John's Church of England, Balmain.
- 2.45 p.m.—Information service.
- 3.30 p.m.—The Manly Municipal Military Band, broadcast from Ocean Beach, Manly. Studio music interspersed.
- 4.0 p.m.—Pleasant Sunday afternoon broadcast from Newtown Methodist Mission.
- 5.0 p.m.—G.P.O. clock and chimes. Close down.
- 5.30 p.m.—Children's session.

Evening Session.

- 6.30 p.m.—Organ and orchestral recital, broadcast from Newtown Congregational Church.
- 7.0 p.m.—Service from Newtown Congregational Church.
- 8.30 p.m.—Items by the North Sydney Tramway Band, broadcast from Manresa Hall, North Sydney.
- 9.15 p.m.—From the Studio: The British Music Society's String Quartette—"Andante Moderato" from the "Quartette in A Minor."
- 9.23 p.m.—Miss Dulcie Starkey (soprano)—(a) "The Sandman."
- 9.30 p.m.—Mr. Gerald Walenn (violinist)—(a) "Bercause," (b) "Caprice Viennoise."
- 9.38 p.m.—Mr. Cyril James (baritone)—(a) "Margarita," (b) "The Sun God."
- 9.45 p.m.—The British Music Society's String Quartette—(a) "An Irish Lullaby," (b) "An Irish Reel."
- 9.53 p.m.—Miss Dulcie Starkey—(a) "Si tu m'ami," (b) "Have You Seen But a White Lily Grow."
- 10.0 p.m.—Mr. Gerald Walenn—"Bolero." (This item is on the syllabus of the Associated Board of Examinations—advanced grade.)
- 10.6 p.m.—Resume of following day's programme; weather report and forecast.
- 10.10 p.m.—Mr. Cyril James—(a) "Muleteer of Malaga," (b) "The Curfew."
- 10.17 p.m.—National Anthem. Close down.

3LO MELBOURNE

Morning Session.

- 10.30 a.m.—Bells from St. Paul's Cathedral, Melbourne.
- 10.45 a.m.—Express train information, British official wireless news, news from yesterday's papers.
- 11.0 a.m.—Morning service from Toorak Presbyterian Church.
- 12.15 p.m.—Close down.

Afternoon Session.

- 2.0 p.m.—Sonora recital of the world's most famous records.
- 3.0 p.m.—Pleasant Sunday afternoon service from Wesley Church Central Mission.
- 4.30 p.m.—Close down.

Evening Session.

- 5.29 p.m.—Shipping information.
- 5.30 p.m.—Children's session.
- 6.0 p.m.—Answers to letters and birthday greetings by "Billy Bunny." "Brother Bill."
- 6.46 p.m.—Bells of St. Paul's Cathedral.
- 7.0 p.m.—Evening service from Scots' Church, Melbourne.

Night Session.

- 8.30 p.m.—From the Studio: Brunswick City Band—selection, "Lohengrin."
- 8.40 p.m.—J. D. Paterson (tenor)—by permission J.C.W. Ltd.—"Go, Lovely Rose," "Dolorosa."
- 8.44 p.m.—Brunswick City Band—grand chorus, "Judge Me, O God."
- 8.54 p.m.—Tom Cérbassi (harp)—"Musical Box," "Lucia de Lammermoor."
- 9.4 p.m.—Elsy Treweek (Australian soprano)—"Abide With Me," "Come Unto Him."
- 9.11 p.m.—Brunswick City Band—fantasia, "The Great City."
- 9.20 p.m.—J. D. Paterson (tenor)—"A Spirit Flower," "Nirvana."
- 9.27 p.m.—Tom Cérbassi (harp)—"Nearer My God To Thee," "Irish Melodies."
- 9.34 p.m.—Brunswick City Band—glee, "When Winds Breathe Soft."
- 9.40 p.m.—Elsy Treweek (soprano)—"There is a Green Hill," "Oh Rest in the Lord."
- 9.47 p.m.—Brunswick City Band—march, "On Tour."
- 9.52 p.m.—"Argus" news, announcements, R.A.C.V. safety message. "Our Great Thought."
- 10.0 p.m.—God Save the King.

3AR MELBOURNE

Morning-Midday Session.

- 10.45 a.m.—Announcements.
- 11.0 a.m.—Service from Cairns Memorial Church, E. Melbourne.
- 12.15 p.m.—A recital of the latest and best records.
- 2.0 p.m.—Close down.

Afternoon Session.

- 3.0 p.m.—A pleasant Sunday afternoon, to be broadcast from the Palais Royal, Geelong, by the Comunn No Feinne, Scottish Society.

- 5.0 p.m.—"Erer Rabbit." Special children's session. Stories.
- 5.30 p.m.—Close down.

Evening Session.

- 7.0 p.m.—Strad Trio—"Adagio," "Menuett E Flat," "Rondo."
- 7.10 p.m.—May Thirlwall (contralto)—"Early Morning," "Oh, Shining Sun."
- 7.17 p.m.—May Broderick (piano)—"Andante and Presto" from "Italian Concerto."
- 7.25 p.m.—E. F. Ritter—a short story.
- 7.40 p.m.—James Scott (bass)—"Lute Player," "Passing By."
- 7.47 p.m.—Strad Trio—"Andante," "Gavotte from Mignon."
- 7.53 p.m.—Mary Thirlwall (contralto)—"The Fuchsia Tree," "Beloved Sleep."
- 8.0 p.m.—Cecil Parkes (violin) and May Broderick (piano)—duet, "First Movement Kreutzer Sonata."
- 8.10 p.m.—James Scott (bass)—"From Oberon in Fairyland," "The Wayfarers' Night Song."
- 8.17 p.m.—Strad Trio—"Trio, G Major," "Allegro," "Andante Variations," "Allegretto."
- 8.30 p.m.—Transmission from the Palais Royal, Geelong—Grand recital by Combined City Municipal Band and St. Augustine's Orphanage Band (conductor, Mr. Percy Jones):—Massed Bands—hymn tune, "Lead Kindly Light." Cornet solo, "Ora Pro Nobis." Ernest Wilson (song)—"Floral Dance." Dulcie Searle (song)—"Love Pipes of June." Massed Bands—selection, "Il Trovatore." Community Singing (conductor Mr. W. S. Sampson). Percy Jones and Gerald King—cornet duet, "Ida and Dot." Dulcie Searle and W. S. Sampson—duet, "The Voyagers." Massed Bands—selection, "The Maid of the Mountains." Ernest Wilson (song)—"The Lute Player." Massed Bands—march, "The Cossack."
- 10.55 p.m.—From the Studio: "Age" news, weather forecast.

Monday, 20th August

4QG BRISBANE

In a portable receiver,
Philips Units are the best;
Valves and Audio Transformers
Are compact—but stand the test.

Morning Session.

AN HOUR FOR THE LADIES.

(Announcer: Rita McAuliffe.)

- 10.30 a.m.—To-day's social news.
- 10.40 a.m.—Music.
- 10.45 a.m.—A talk arranged by the National Council of Women of Queensland.
- 11.0 a.m.—Music.
- 11.10 a.m.—General news.
- 11.20 a.m.—Music.
- 11.30 a.m.—Close down.

Mid-day Session.

(Announcer: R. Wight.)

- 1.0 p.m.—FROM THE STUDIO—Market reports; weather information; "The Daily Mail" and "The Daily Standard" news.
- 1.30 p.m.—FROM THE PARIS CAFE—Lunch-hour music.
- 1.58 p.m.—FROM THE OBSERVATORY—Standard time signals.
- 2.0 p.m.—Close down.

Afternoon Session.

(Announcer: H. Humphreys.)

- 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.

(Announcers: R. Wight and H. Humphreys.)

- 6.0 p.m.—Mail train running times.

- 6.2 p.m.—"Daily Standard" news.
- 6.8 p.m.—Stock Exchange information.
- 6.9 p.m.—Metal quotations.
- 6.10 p.m.—A science talk, "The Spectroscope," No. 2—by Mr. Inigo Jones.
- 6.24 p.m.—Announcements.
- 6.30 p.m.—Bedtime stories by "The Sandman."
- 7.0 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: "What We Learn at the Show"—by Mr. E. J. Shelton (Instructor in Pig Raising).

Night Session.

(Announcer: H. Humphreys.)

PART I.—MISSES FROST AND HAMMOND.

- 8.0 p.m.—FROM THE STUDIO—A recital by Miss Gladys Frost (piano) and Miss Lena Hammond (contralto):—
Contralto solos—
(a) "Se Florinda e Fedele" (Scarlatti, 1659-1725)
(b) "A Toi" (Bemberg)

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- (c) "Noel" (Augusta Holmes)
- (d) "Carnaval" (Fourdrain)
Miss Lena Hammond.
- Pianoforte solo—"Sonata in A Major" (Mozart)
- 1st Movement—Theme and Variations
- 2nd Movement—Menuetto and Trio
- 3rd Movement—Alla Turca (Turkish March)
Miss Gladys Frost.
- Contralto solos—
- (a) "To the Forest" (Tschaikowsky)
- (b) "Lullaby" (Tschaikowsky)
- (c) "Morning" (Tschaikowsky)
Miss Lena Hammond.
- Pianoforte solo—"Walzer" (from the ballet "Naila"—Delibes)
—arr. by Dohnanyi
Miss Gladys Frost.
- Contralto solos—
- (a) "The Dancers" (Arensky)
- (b) "Lazy Song" (Lawson)
- (c) "The Lover's Curse" (Old Irish Ballad—arr. Hughes)



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- (d) "The Bagpipe Man" (McKinney)
- (e) "The Shadowless Hour" (Cadman)
Miss Lena Hammond.
- Pianoforte solos—
- (a) "When it Rains" (Pauishnoff)
- (b) "Cordoba" (Albeniz)
- In the silence of the night, which is interrupted by the jessamine perfumed breeze, is heard the sweet note of the quzlas (on-stringed viole), accompanying the melodious serenades like the gentle waving of the tall palms.
- (c) "Over the Hills and Far Away" (a children's march—Percy Grainger)
Miss Gladys Frost.

PART II.

- 9.0 p.m.—Metropolitan weather forecast.
- 9.1 p.m.—A thought for to-night—"Earth's Heaven"
Will. H. Lister.

RADIO PLAY—
"THE LOVE CHARM."
(By Thelma Champion.)

- 9.5 p.m.—In response to requests, the musical play, "The Love Charm," which was broadcast from 4QG last year, will be repeated.

CAST:

Sandy	Miss R. McAuliffe
Ian	Miss T. Champion
Mei Wei	Mrs. Robt. Bell
Harriet Holdaway	Mr. W. Land
Joy Holdaway	Mr. T. Muller
Ah Yell	Mr. V. Scanlan
Supers	

Act 1—A Tea Shop in Shanghai.
Act 2—Scene 1: A Pagola on the Lung Wha Road in Sbanghai.

Scene 2: The Lounge of the Continental Hotel, Shanghai.

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

2FC SYDNEY

Early Morning Session.

- 7.0 a.m.—Announcements. Country session. 8.0 a.m.—Close down

Morning-Midday Session.

- 10.0 a.m.—Studio music, "Sydney Morning Herald" news; last minute racing information, etc.
- 11.0 a.m.—Close down.
- 12.0 noon.—Announcements; studio music, weather information, and news services.
- 2.0 p.m.—Close down.

Afternoon Session.

- 3.0 p.m.—Studio concert.
- 5.0 p.m.—Close down.

Early Evening Session

- 5.45 p.m.—Chimes of 2FC. The "Hello Man" talks to the children.
- 7.0 p.m.—Late sporting news, market reports, weather and shipping intelligence, stock exchange, and news service.

Night Session.

- 7.40 p.m.—Programme announcements.
- 7.42 p.m.—Captain Fred Aarons: To-night's Anniversary, "Wreck of the Dunbar at Sydney Heads."
- 7.45 p.m.—Studio music.
- 8.0 p.m.—From the Balmain Town Hall: A programme in aid of the Balmain and District Hospital. Items will be given by the following artists:—
The New South Wales Police Band.
Mabel Batchelor (soprano).
Charles Lawrence (entertainer)—(a) "Wrong Numbers," (b) "Foolishness."
The Sydney Harmonic Choir (conductor William Bourne)—
(a) part-song, "Song of the Vikings," "Bells of St. Michael's Tower"; (b) ladies' choir, "Waltz from Gounod's Faust," "The Two Clocks"; (c) part-songs, "The Dance," "Lullaby"; (d) male chorus, "Soldiers' Chorus" ("Faust"), "Twilight."
Carlton Fay (pianoforte solos).
Frank Botham (baritone)—(a) "The Red Star of the Romanay," (b) "Gipsy Dan," (c) "Land of Delight," (d) "A Cart Load of Hay."

Note.—During the interval of the Balmain concert at approximately 9 p.m., from the studio—Graham Kent will talk on "Bridge."

- 9.40 p.m. (approx.)—From the Studio: N.S.W. Broadcasting Co.'s Orchestra (conductor, Willie Redstone).
- 10.0 p.m.—Mabel Well (talk)—"Romance and Realism."
- 10.12 p.m.—The N.S.W. Broadcasting Company's Orchestra.
- 10.30 p.m.—Late weather forecast.
- 10.31 p.m.—The N.S.W. Broadcasting Company's Orchestra.
- 10.45 p.m.—Dance music.
- 10.50 p.m.—The N.S.W. Broadcasting Company's Orchestra.
- 10.57 p.m.—Late news and announcements.

2BL SYDNEY

Morning Session.

- 8.0 a.m.—Weather report, musical programme, "Daily Telegraph" news, and commercial information.
- 9.0 a.m.—Close down.
- 10.30 a.m.—Musical programme, "Daily Telegraph" news, weather and commercial information, sporting notes, lecture.
- 2.0 p.m.—Close down.

Afternoon Session.

- 3.0 p.m.—Race results after each race; musical programme; news service; evening programme features; racing resume.
- 5.0 p.m.—Close down.

Early Evening Session.

- 5.45 p.m.—G.P.O. clock and chimes. Children's session.
- 6.30 p.m.—Dinner music.
- 7.3 p.m.—Racing resume, land and finance report, weather report, market reports, stock exchange report, news service.

Evening Session.

- 8.0 p.m.—G.P.O. clock and chimes. 2BL Topical Chorus.
- 8.3 p.m.—Mr. Rex Harrison (baritone)—"Mine Enemy."
- 8.10 p.m.—From Chatswood: Items on the Wurlitzer organ by Mr. N. Robins.
- 8.20 p.m.—Dismal Desmond (comedian).
- 8.27 p.m.—King's Mandolin Orchestra—(a) medley of Southern airs, "Down Dixie Way."
- 8.34 p.m.—Gordon Ireland and Mildred Nichol (entertainers)—(a) duo, "There Must Be a Silver Lining"; (b) "Maggie Blues"; (c) "Just Another Day Wasted Away"; (d) comedy sketch, "Wise Cracks"; (e) duo, "Good-night."
- 8.40 p.m.—Broadcast from the Stadium: A description of the wrestling contest by Mr. Walter E. Withrow.

- 9.45 p.m.—From the Studio: Mr. Rex Harrison—(a) "The Trumpeter," (b) "The Gentle Maiden."
 9.52 p.m.—King's Mandolin Orchestra—(a) "Parade of Wooden Soldiers," (b) "After Glow."
 9.59 p.m.—Dismal Desmond (comedian).
 10.6 p.m.—Gordon Ireland and Mildred Nichol—(a) duet, "Dear on a Night Like This"; (b) "Who Cares"; (c) "And Her Mother Came Too"; (d) comedy sketch, "The Alarm Clock"; (e) duo, "I Love the Night Time."
 10.21 p.m.—Items on the Wurlitzer organ by Mr. N. Robins, broadcast from Arcadia Theatre, Chatswood.
 10.25 p.m.—Resume of following day's programme.
 10.30 p.m.—Romano's Restaurant Dance Orchestra, broadcast from Romano's. During intervals between dances "Sun" news will be broadcast.

3LO MELBOURNE

Morning Session.

- 11.0 a.m.—Studio programme, cookery talk, time signals, lecture, news service, weather information, announcements, sporting, etc.
 1.45 p.m.—Close down.

Afternoon Session.

- 2.19 p.m.—Studio concert, news services, sporting, announcements, weather information, etc.
 5.15 p.m.—Close down.

Evening Session.

- 6.0 p.m.—Special weather report.
 6.1 p.m.—Children's session.
 7.0 p.m.—Market reports, news service, weather and shipping movements.

Night Session.

- 7.13 p.m.—Birthday greetings.
 7.15 p.m.—Under the auspices of the Boy Scouts' Association—"A Talk to Boy Scouts."
 7.30 p.m.—E. C. H. Taylor will speak to Young Australia on "School Life and School Sport."
 7.45 p.m.—Out of the Past: August 19th—1840, first municipality in Australia, Adelaide, established; 1842, blockade at Venezuela by Sir Charles Adams to enforce British claims; 1879, foundation of new Eddystone Lighthouse laid by the Duke of Edinburgh; 1916, the Germans sacked Louvain.
 7.46 p.m.—Under the auspices of the Department of Agriculture—P. Ryan (Inspector of Agriculture will speak on "Maize Culture, Preparation for Seeding."
 8.0 p.m.—A Maker of History: Rev. Bernard Vaughan (distinguished preacher and social worker).
 8.1 p.m.—Programme announcements.
 8.1 p.m.—Musical comedy, first act of "Hit the Deck," transmitted from His Majesty's Theatre, Melbourne, by permission J.C.W. Ltd.:-

Cast:—A Marine, John Garratt; Dinkey, Jack Dunne; Donkey, George Welch; Dan, Wm. Perryman; (Sailors from various ships of H.M. Navy); Battling Smith, Gus Bluett; Magnolia (a coloured servant), May Beatty; Looloo Martin owner of the Sailors' Coffee House), Annie Croft; Charlotte Payne, Rowena Ronald; Flag Lieutenant Alan Clark, Frank Leighton; Pamela Carr, Zillah Carter; Bill Smith, Lance Fairfax; Mat, Irving Rose; Bunny, Leslie Donaghy; Capt. Roberts, R.N., Hugh Denham; Quartermaster, James Hughes; Sergeant of Marines, Alfred Haigh; Chinese Singing Girl, Greta Callow; Wing Fang (Chinese Mandarin), Frank Hawthorne; 1st Chinese Coolie, Maa T'ng Yut; 2nd Chinese Coolie, Wong Git Teng; Choo Fang, Maa T'ng Foo; Chinese Waiter, Fook Loi; Rita, Eileen Agden.
 Synopsis of Scenery: Act 1.—Looloo Martin's Ship Coffee House (near the Docks at Plymouth); Scene 2.—The Quay Steps—six months later; Scene 3.—Quarter deck of H.M.S. Inscrutable—three days later.
 Musical Numbers:—(1) Overture; (2) "Join the Navy," Annie Croft and chorus of gentlemen; (3) "What's a Kiss Among Friends," Rowen Ronald, Zillah Carter, Frank Leighton, chorus and ballet; (4) "Harbour of My Heart," Annie Croft and Lance Fairfax; (5) "Shore Leave," ladies of the ballet and chorus of gentlemen; (6) "Lucky Bird," May Beatty; (7) "Looloo," Annie Croft and chorus of

- gentlemen; (8) "Nothing Could be Sweeter," Rowena Ronald; (9) "Sometimes I'm Happy," Annie Croft and Lance Fairfax; (10) finale, Annie Croft and entire company.
 9.40 p.m.—From the Studio: The Station Orchestra—"Petite Suite de Concert."
 9.50 p.m.—Althouse and McCallum (soprano and pianist, baritone and flautist)—selected.
 10.0 p.m.—The Station Orchestra—"Paraphrase of Melody in F," "Valse Op. 64."
 10.10 p.m.—Guy Moore (tenor)—"The Hawk," "A Regret."
 10.17 p.m.—News session: "Argus" news, meteorological information, British official wireless news, announcements, R.A.C.V. safety message, "How does your garden grow?"
 10.27 p.m.—The "Futurists"—"Melodious Mirth."
 10.57 p.m.—Guy Moore (tenor)—"O Flower of All the World," "Pleadign."
 11.4 p.m.—"Our Great Thought."
 11.5 p.m.—Dance music until 11.40 p.m.—The Radi-o-Aces.

3AR MELBOURNE

Morning Session.

- 9.0 a.m.—News session: Stock Exchange and market reports; shipping reports, ocean forecast, express train information; news service, weather forecast.
 10.0 a.m.—Morning musical session.
 12.30 p.m.—Close down.

Evening Session.

- 5.0 p.m.—Studio Orchestra—suite, "Rustic Revels," "Barchetta."
 5.15 p.m.—Freda Treweek (mezzo-soprano)—"The Violet," "Cradle Song."
 5.22 p.m.—Studio Orchestra—selection, "On With the Show."
 5.32 p.m.—Horace Calvert (tenor)—"Silent Moon," "Sylvia."
 5.40 p.m.—Studio Orchestra—suite, "The Merchant of Venice."
 5.55 p.m.—V. L. Harrison (baritone)—"From Oberon in Fairyland," "Keep on Hopin'."
 6.2 p.m.—Radi-o-Aces—"Down in Old Havana Town," "There Ain't No Land Like Dixie Land to Me."
 6.12 p.m.—Norman Pill (comedian)—"Shoe Shops," "How We Saved the Barge."
 6.20 p.m.—Radi-o-Aces—"Aloha Land," "When Banana Skins are Falling," "Pleading," "Gautemala Melody," "Ole Virginny's Lullaby."
 6.35 p.m.—Freda Treweek (mezzo-soprano)—"Little Lady of the Moon," "The Little Damsel."
 6.42 p.m.—Studio Orchestra—"Melodious Memories."
 6.57 p.m.—Horace Calvert (tenor)—"Bird Songs at Eventide," "I Shall Know."
 7.4 p.m.—Radi-o-Aces—"Bill and Coo," "You've Got to Learn to Smile," "Hi Dee, Hi Dee," "Lovable."
 7.15 p.m.—V. L. Harrison (baritone)—"We Sway Along," "Four by the Clock."
 7.22 p.m.—Radi-o-Aces—"There's Something About a Rose," "Mother of Mine," "Fascinating Vamp," "The Whisper Song," "Again."
 7.37 p.m.—Norman Pill (comedian)—"The Funny Instrument," "Christmas Bells."
 7.44 p.m.—Studio Orchestra—"Gounod Fantasie."
 8.30 p.m.—Studio Band—march, "Under the Allied Banners," "The Warrior's Serenade," march "Argandab."
 8.45 p.m.—Vladimir Elin (baritone)—"A Tanto Amor," "I Like Rejoicing."
 8.52 p.m.—Alfred Firman (talk)—"Books of Yesterday, To-day, and To-morrow."
 9.2 p.m.—Studio Band—selection, "Rose Marie."
 9.12 p.m.—Joe Brennan and Ida Newton in a few frivolous fripperies.
 9.30 p.m.—Moana Lua Duo (Spanish and Hawaiian Guitars)—"Lazy Honolulu," "Hawaiian Lullaby."
 9.37 p.m.—One-act play, "The Fortune Teller." Characters: Dum Nayo (the Fortune Teller); Grace O'Ryan (a Young Girl); Allison Grant (a Man of about 40). Time: Afternoon.
 9.52 p.m.—Studio Band—"The 'Varsity Drag"; humoresque, "The Coster's Courtship."
 10.0 p.m.—Ethel Heaney (soprano)—"The Winds Are Calling," "Over the Steppe."
 10.7 p.m.—Moana Lua Duo (Spanish and Hawaiian guitars)—"Kallma Weltz," "Hawaiian Dreams."
 10.17 p.m.—Vladimir Elin (baritone)—"I Love You," "No Slumber, No Repose."
 10.24 p.m.—Studio Band—"Minuet in G." "Chant sans Paroles."
 10.32 p.m.—Ethel Heaney (soprano)—"The Bitterness of Love," "The Star."
 10.40 p.m.—Studio Band—trombone solo, "Lucy Lang," selected.
 10.55 p.m.—"Age" news; weather forecast.

Tuesday, 21st August

4QG BRISBANE

Every "Miniwatt" is tested
'Fore it leaves the dealer's store;
Those who once use Philips Tubes
Always use 'em, 'cos they're sure.

Morning Session.

AN HOUR FOR THE LADIES.

(Announcer: Rita McAuliffe.)

- 10.30 a.m.—To-day's social news.
10.45 a.m.—Lecturette: Talk on "Home Crafts" by Mrs. R. L. Reid.
11.0 a.m.—Music.
11.10 a.m.—General news.
11.20 a.m.—Music.
11.30 a.m.—Close down.

Mid-day Session.

(Announcer: R. Wight.)

- 1.0 p.m.—Market reports; weather information supplied by the Commonwealth Weather Bureau; news services supplied by "The Daily Mail" and "The Daily Standard."
1.30 p.m.—FROM PARIS CAFE—
Lunch hour music.
1.58 p.m.—FROM THE OBSERVATORY—
Standard time signal.
2.0 p.m.—Close down.

Afternoon Session.

(Announcer: H. Humphreys.)

- 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.

(Announcers: R. Wight and H. Humphreys.)

- 6.0 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 "Uncle Ben" and "Uncle Pete."
7.0 p.m.—Special news service.
7.3 p.m.—Market reports.
7.25 p.m.—Fenwick's stock report.
7.30 p.m.—Weather information.
7.40 p.m.—Announcements.
7.43 p.m.—Standard time signals.
7.45 p.m.—Lecturette: A talk on "Photography" by Mr. F. L. South (Manager, Kodak).

Night Session.

(Announcer H. Humphreys.)

PART I.—SOLDIERS' SETTLEMENT.

- 8.0 p.m.—A microphone from 4QG will be installed in the Soldiers' Settlement Hatchery Association at The Gap, and a full description of the work done by the soldier settlers will be broadcast.

PART II.—STUDIO CONCERT.

- 9.1 p.m.—FROM THE STUDIO—
Pianoforte solos—(a) "Rustle of Spring" (Sinding); (b) "Noc-

- turno in F Sharp" (Chopin)
Mr. Edwin Dickinson.
A thought for to-night—"Duty" (Will H. Lister).
Contralto solos—(a) "Pleading" (Elgar); (b) "Life" (Blumenthal)
Miss Vera Parker.
Violin solos—(a) "Salperello" (German); (b) "Sonata No. 1 in A Major" (Handel)
Mr. Harold Dickinson.
Brett and Walsh (the Popular Pair)—in a quarter of an hour's fun.
Baritone solos—(a) "Pass Everyone" (Sanderson); (b) "You Along o' Me" (Sanderson)
Mr. Tom Kelleher.
Monologues—(a) "Nell Gwynne"; (b) "Hullo"
Miss Agnes Finney.
Soprano solo—"April is a Lady" (Phillips)
Miss Audrey Jones.
Pianoforte solo—"Minuet" (Stovenhagen)
Miss Audrey Jones.
10.0 p.m.—"The Daily Mail" news; weather news. Close down.

2FC SYDNEY

Early Morning Session.

- 7.0 a.m.—Announcements. Country session. 8.0 a.m.—Close down

Morning-Midday Session.

- 10.0 a.m.—Studio music, "Sydney Morning Herald" news; last minute racing information, etc.
11.0 a.m.—Close down.
12.0 noon.—Announcements; studio music, weather information, and news services.
2.0 p.m.—Close down.

Afternoon Session.

- 3.0 p.m.—Studio concert.
5.0 p.m.—Close down.

Early Evening Session.

- 5.45 p.m.—Chimes of 2FC. The "Hello Man" talks to the children.
7.0 p.m.—Late sporting news, market reports, weather and shipping intelligence, stock exchange, and news service.

Night Session.

- 7.40 p.m.—Programme announcements.
7.42 p.m.—Captain Fred Aarons: To-night's Anniversary, "Capt. Cook reached Cape York and takes possession of East Coast of Australia at Possession Island."
7.45 p.m.—Gratton Smith—"Book Review."
7.50 p.m.—Foreword to next item.
8.0 p.m.—From the Capitol Theatre, Sydney: Capitol Theatre Orchestra.
8.15 p.m.—Items on the Wurlitzer organ by Fred Scholl.
8.20 p.m.—From the Studio: Frank McEachern (basso)—(a) "The Mighty Deep," (b) "The Midshipmite."
8.28 p.m.—The Metropolitan Band.
8.45 p.m.—W. F. Kay—some famous melodramas—No. 4, "Struck Oil."
9.0 p.m.—Late weather forecast.
The Metropolitan Band.
9.20 p.m.—From the Capitol Theatre: Stage presentation.
9.40 p.m.—From the Studio: The Metropolitan Band.
9.50 p.m.—Frank McEachern (basso)—(a) "In Cellar Cool," (b) "Myself When Young."
10.3 p.m.—The Metropolitan Band.
10.15 p.m.—The Ambassadors' Dance Orchestra.
10.30 p.m.—Late weather forecast. Studio music.
10.45 p.m.—The Ambassadors' Dance Orchestra.
10.57 p.m.—To-morrow's programme resume; late news.
11.0 p.m.—The Ambassadors' Dance Orchestra until 11.45 p.m.

2BL SYDNEY

Morning Session.

- 8.0 a.m.—Weather report, musical programme, "Daily Telegraph" news, and commercial information.

- 9.0 a.m.—Close down.
 10.30 a.m.—Musical programme, "Daily Telegraph" news, weather and commercial information, sporting notes, lecture.
 2.0 p.m.—Close down.

Afternoon Session.

- 3.0 p.m.—Race results after each race; musical programme; news service; evening programme features; racing resume.
 5.0 p.m.—Close down.

Early Evening Session.

- 5.45 p.m.—G.P.O. clock and chimes. Children's session.
 6.30 p.m.—Dinner music.
 7.0 p.m.—Racing resume, land and finance report, weather report, market reports, stock exchange report, news service.

Evening Session.

- 8.0 p.m.—G.P.O. clock and chimes. 2BL Topical Chorus.
 8.3 p.m.—Tooth's Brewery Band (conductor, Mr. H. S. Thomas)—cornet and euphonium duet, "Excelsior." Soloists, Bandsman Day and Gibson.
 8.10 p.m.—Broadcast from the Rose Bay Music Club: Rose Bay Music Club's first evening of the second year:—"Quartette in E Flat," Allegro, Andante, Minuet and Trio, Allegro, Conservatorium String Quartette (Miss Marjorie Hinley, Mr. Gerald Walenn, Mr. Lionel Lawson, Mr. Gladstone Bell); songs—(a) "Ye Twice Ten Hundred Dieties," (b) "Impatience," (c) "The Next Market Day," Mr. Oliver King (basso); songs—(a) "The North Has My Heart," (b) "The Isle of Inisfree," (c) "Waiata Poi," Miss Dorothy Ewbank (soprano).
 8.45 p.m.—Tooth's Brewery Band—(a) Grand National Fantasia, "Brautus of England"; (b) "Minuet in G."
 9.5 p.m.—Weather report and forecast.
 9.6 p.m.—From the Studio: Archie Graham and Wattie (comedians)—(a) "Two Ton Tessie," (b) "Oh, Archie, Yes, Wattie."
 9.16 p.m.—The N.S.W. Broadcasting Company's Orchestra.
 9.30 p.m.—From the Rose Bay Music Club:—Songs—(a) "The Maids of Cadiz," (b) "Open Thy Blue Eyes," (c) "Comin' Thro' the Rye," Miss Dorothy Ewbank; songs—(a) "I Am a Reamer," (b) "The Ship of Rio," Mr. Oliver King; "Quartette in G Minor" (with brief introductory remarks)—"The Forest," "The Dream," "Insatiation," "The Dedication," Conservatorium String Quartette.
 10.0 p.m.—From the Studio: Archie Graham and Wattie—(a) "Sports," (b) "They Took No Notice of Us."
 10.10 p.m.—The N.S.W. Broadcasting Company's Orchestra.
 10.25 p.m.—Resume of following day's programme.
 10.30 p.m.—The Wentworth Cafe Dance Orchestra, broadcast from the Wentworth. During the intervals between dances, book reviews by courtesy of Dymocks Ltd. will be broadcast.

3LO MELBOURNE

Morning Session.

- 11.0 a.m.—Studio programme, cookery talk, time signals, lecture, news service, weather information, announcements, sporting, etc.
 1.45 p.m.—Close down.

Afternoon Session

- 2.15 p.m.—Studio concert, news services, sporting, announcements, weather information, etc.
 5.15 p.m.—Close down.

Evening Session.

- 6.0 p.m.—Special weather report.
 6.1 p.m.—Children's session.
 7.0 p.m.—Market reports, news service, weather and shipping movements.

Night Session.

- 7.13 p.m.—Birthday greetings.
 7.15 p.m.—Madame Soward will chat with students of French.
 7.30 p.m.—Under the auspices of the University of Melbourne Extension Board—Miss E. Derham, M.A. (Senior Lecturer in English) will speak on "Travel in Greece."
 7.45 p.m.—Out of the Past: August 21st—1808, Battle of Vienne, in which the French were defeated by Wellington; 1883, first express train run from Sydney to Melbourne.
 7.46 p.m.—A. W. Jackson will speak on "Golf."
 8.0 p.m.—A Maker of History: John Tyndall (distinguished physicist).
 8.1 p.m.—Programme announcements.
 8.2 p.m.—Brunswick City Band—overture, "The Silver Cross."
 8.10 p.m.—Thomas George (bass)—"O Song Divine," "Shipmates of Mine."

- 8.17 p.m.—Helga Brennecke (cello)—"On Wings of Song," "Chanson Indoue."
 8.24 p.m.—Brunswick City Band—cornet solo by A. McEwen, "The Lost Chord."
 8.31 p.m.—Cecilia Choir of Women—"Love Song," "The Forest Fay," "Surrexit Pastor Bonus."
 8.41 p.m.—The Station Orchestra—"Italian Scenes."
 8.46 p.m.—Althouse and McCallum (soprano and pianist, baritone and flautist)—selected.
 9.0 p.m.—Brunswick City Band—selection, "Lilac Time."
 9.10 p.m.—Elsy Treweek (soprano)—"Last Night," "On the Ling-ho," "Sing, Nightingale, Sing."
 9.17 p.m.—The Station Orchestra—"Petite Suite de Concert."
 9.27 p.m.—Cecilia Choir of Women—"The Show," "Fly, Singing Bird, Fly," both these items with piano and first and second violins.
 9.37 p.m.—Brunswick City Band—fantasia, "Diavolo."
 9.44 p.m.—Thomas George (bass)—"Friend of Mine," "In An Old Fashioned Town."
 9.51 p.m.—The Station Orchestra—"Incidental Music to Monsieur Beaucaire."
 10.0 p.m.—News session "Argus" news, meteorological information; British official wireless news, announcements, R.A.C.V. safety message.
 10.10 p.m.—Cecilia Choir of Women—"Coronach," "Spring, the Sweet Spring," "The Bonnie Bit Laddie."
 10.20 p.m.—The Futurists—a radio revue, "Potted Humour."
 10.50 p.m.—Brunswick City Band—selection, "Recollections of England."
 11.0 p.m.—"Our Great Thought."
 11.1 p.m.—Dance music until 11.40 p.m.—The Radi-o-Aces.

3AR MELBOURNE

Morning-Midday Session.

- 9.0 a.m.—News session: Stock Exchange and market reports; shipping reports; ocean forecast, express train information; news service, weather forecast.
 10.1 a.m.—Morning musical session.
 12.30 p.m.—Close down.

Evening Session.

- 5.0 p.m.—Studio Orchestra—selection, "Schumann Songs."
 5.15 p.m.—Howard Andrews (baritone)—"Tally Ho," "I Pitch My Lovely Caravan at Night."
 5.22 p.m.—Studio Orchestra—suite, "Norwegian Scenes"; "Introduction from Eugen Onegin."
 5.37 p.m.—Jessie Shmitch (contralto)—"Rosebud," "Softly Awakes My Heart."
 5.44 p.m.—Studio Orchestra—selection, "Andrea Chenier."
 6.0 p.m.—Allan Mitchell (tenor)—"The Dream," "March o' the Cameron Men."
 6.7 p.m.—Studio Orchestra—"Looking Backward."
 6.22 p.m.—Joe Brennan and Ida Newton in some humorous happenings.
 6.35 p.m.—Studio Orchestra—suite, "Yashmak Land."
 6.45 p.m.—Howard Andrews (baritone)—"The Last Long Song," "Dedication."
 6.52 p.m.—Studio Orchestra—suite, "From India"; "Prayer and Temple Dance."
 7.10 p.m.—Jessie Shmitch (contralto)—"Desert Love Songs."
 7.17 p.m.—Studio Orchestra—suite, "In Arcady"; "Extase Melodieuse," "Menuett."
 7.37 p.m.—Allan Mitchell (tenor)—"An English Rose," "The Hawk."
 7.44 p.m.—Studio Orchestra—selection, "Margarethe," ("Faust")
 8.30 p.m.—The Radi-o-Aces—"Dance of the Dolls," "Mary," "Indian Cradle Song."
 8.40 p.m.—Vladimir Elin (baritone)—"Ju mon Sat."
 8.45 p.m.—Radi-o-Aces—"Ramona," "Rosetime," "So Long."
 8.53 p.m.—Joe Brennan (comedian)—selected.
 8.57 p.m.—Radi-o-Aces—"Just Like the End of a Story," "Persian Rug," "Henry's Made a Lady out of Lizzie."
 9.7 p.m.—Ida Newton in a few melodious minutes.
 9.10 p.m.—Radi-o-Aces—"Side by Side," "Without You Sweetheart," "Singapore Sorrows."
 9.20 p.m.—Vladimir Elin (baritone)—"Oh, But to Hear Thy Voice."
 9.23 p.m.—Radi-o-Aces—"What Will You Do," "Chopinata," "Ice Cream."
 9.33 p.m.—Joe Brennan (comedian)—some wit and humour.
 9.30 p.m.—Radi-o-Aces—"I Know That You Know," "Temperamental," "Blue Ridge Mountain Home."
 9.46 p.m.—Ida Newton in happy vein.

9.50 p.m.—Radi-o-Aces—piano solo, "Rag Doll"; When I Met Sally," "Cry Baby."
 10.0 p.m.—Vladimir Elin (baritone)—"Largo al factotum."
 10.3 p.m.—Radi-o-Aces—"Rose of Monterey," "Nothin'," "Breeze"
 10.15 p.m.—Joe Brennan—some confidences.
 10.16 p.m.—Radi-o-Aces—"Oh, Maybe it's You," "Souvenirs," "The Song is Ended."

10.20 p.m.—Ida Newton—selected.
 10.30 p.m.—Radi-o-Aces—"Together We Two," "The Varsity Drag," "Good News."
 10.40 p.m.—Vladimir Elin (baritone)—"Volga Boat Song."
 10.43 p.m.—Radi-o-Aces—"Oh, Doris, Where Do You Live," "There's One Little Girl Who Loves Me," "Polly."
 10.53 p.m.—"Age" news, weather forecast.

Wednesday, 22nd August

4QG BRISBANE

Every Philips Radio Unit
 Which, in windows, you may see,
 Will be sold to customers, with
 Philips Generous Guarantee.

Morning Session.

AN HOUR FOR THE LADIES.
 (Announcer: Rita McAuliffe.)

10.30 a.m.—To-day's Social News.
 10.40 a.m.—Music.
 10.45 a.m.—Lecturette.
 11.0 a.m.—Music.
 11.10 a.m.—General News.
 11.20 a.m.—Music.
 11.30 a.m.—Close down.

Mid-day Session.

(Announcer: R. Wight.)

1.0 p.m.—FROM THE STUDIO—
 Market reports; weather information supplied by the Commonwealth Weather Bureau; news services supplied by "The Daily Mail" and "The Daily Standard."
 1.20 p.m.—FROM THE POSTAL INSTITUTE—
 Lunch hour music.
 1.58 p.m.—FROM THE OBSERVATORY—
 Standard time signal.
 2.0 p.m.—Close down.

Afternoon Session.

(Announcer: H. Humphreys.)

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.

6.0 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.—An astronomy talk, "Mira Cet"—by Mr. A. K. Chapman.
 6.23 p.m.—Announcements.
 6.30 p.m.—Bedtime stories by "Little Miss Brisbane."
 7.0 p.m.—Special news service.
 7.3 p.m.—Market reports.
 7.25 p.m.—Fenwick's stock report.
 7.30 p.m.—Weather information.
 7.40 p.m.—Announcements.
 7.43 p.m.—Standard time signals.
 7.45 p.m.—Lecturette arranged by the Queensland Agricultural High School and College.

Night Session.

(Announcer: H. Humphreys.)

8.0 p.m.—A programme of dance music by Alf. Featherstone and his Studio Syncopators, relayed from Hotel Carlton.
 Between dances the following will be broadcast from the Studio:—
 Melody and Mirth by Billy Maloney & Co.
 A thought for to-night—"Up Against It" (Will H. Lister).
 Contralto solos—(a) "The Bird of the Wilderness" (Horsman)
 (b) "The Carpet" (Sanderson)
 Miss Jessie McDonald.

A talk by the Captains of the Australian Schools Australian Rules Football teams.
 Soprano solos—(a) "The Moonlit Road" (Squire); (b) "Long Ago" (McDowell); (c) "The Dance on the Lawn" (Phillips)

Miss Winnie Dunoon.

10.0 p.m.—FROM THE STUDIO—
 "The Daily Mail" news.
 Weather news.
 Close down.

2FC SYDNEY

Early Morning Session.

7.0 a.m.—Announcements. Country session. 8.0 a.m.—Close down

Morning-Midday Session.

10.0 a.m.—Studio music, "Sydney Morning Herald" news; last minute racing information, etc.
 11.0 a.m.—Close down.
 12.0 noon.—Announcements; studio music, weather information, and news services.
 2.0 p.m.—Close down.

Afternoon Session.

3.0 p.m.—Studio concert.
 5.0 p.m.—Close down.

Early Evening Session.

5.45 p.m.—Chimes of 2FC. The "Hello Man" talks to the children.
 7.0 p.m.—Late sporting news, market reports, weather and shipping intelligence, stock exchange, and news service.

Night Session.

Note.—Between 7.45 and 8.20 p.m., approximately, a description will be given of St. Mary's Cathedral, and items rendered by the Eucharistic Choir.

7.40 p.m.—Programme announcements.
 7.42 p.m.—Captain Fred Aarons: To-night's Anniversary, "Birth of John Forrest, afterwards Lord Forrest" (W.A.).
 7.45 p.m.—H. W. Varna and Company will present the popular play, "The Squaw Man" (by permission J.C.W. Ltd.);—
 Cast:—Sir John Applegate, H. C. Wilson; Henry Wyngate, Bob Gilmour; Diana (his wife), Muriel Conner; Captain James Wyngate (his brother—afterwards Jim Carston), H. W. Varna; Lady Elizabeth, Cleo Glover; Malcolm Petrie (family solicitor), William Hume. Characters in America: Jim Carston, H. W. Varna; Big Bill (his foreman), Foster Dean; Tab-y-wana (Indian Chief), C. Curran; Nat-u-ritch (his daughter), Felix Clarke; Little Hal (his son), Hodding Varna; Cash Hawkins, H. J. Salier; Bud Hardy, Tom Edols.
 Part I.—Scene 1: Garden at Maulesley Towers.
 8.0 p.m.—Incidental music to Scene 2, Part I. of "The Squaw Man."
 8.2 p.m.—Scene 2, Part I. "The Squaw Man." Interior of Long Horn Saloon, Maverick, America.
 8.17 p.m.—Incidental music to Part 2 of "The Squaw Man."
 8.20 p.m.—Part 2 of "The Squaw Man." Scene 1, Carston's Ranch.
 8.35 p.m.—Incidental music to Scene 2, Part II.
 8.30 p.m.—Part II, Scene 2 of "The Squaw Man." Scene 2, The same as Scene 1, Carston's Ranch.
 8.48 p.m.—The N.S.W. Broadcasting Company's Orchestra.
 9.0 p.m.—Late weather forecast.
 9.1 p.m.—Gladys Verona (soprano)—(a) "Shadow Song" from "Dinorah," (b) "Solweig's Song."
 9.8 p.m.—The N.S.W. Broadcasting Company's Orchestra.

WEDNESDAY 45]Y.M.— WEDNESDAY
 9.20 p.m.—Bryson Taylor (tenor) with orchestral accompaniment.
 9.28 p.m.—The N.S.W. Broadcasting Company's Orchestra.
 9.45 p.m.—Laurence Macaulay (baritone).
 49.53 p.m.—The N.S.W. Broadcasting Company's Orchestra.
 10.5 p.m.—Glady's Verona (soprano)—(a) "Dove Song," (b) "Villanelle."
 16.12 p.m.—Bryson Taylor (tenor) with orchestral accompaniment.
 10.20 p.m.—The N.S.W. Broadcasting Company's Orchestra.
 10.30 p.m.—Late weather forecast. Laurence Macaulay (baritone).
 10.38 p.m.—Studio music.
 10.45 p.m.—The Ambassadors' Dance Orchestra.
 10.57 p.m.—To-morrow's programme resume; late news.

2BL SYDNEY

Morning Session.

8.0 a.m.—Weather report, musical programme, "Daily Telegraph" news, and commercial information.
 9.0 a.m.—Close down.
 10.30 a.m.—Musical programme, "Daily Telegraph" news, weather and commercial information, sporting notes, lecture.
 2.0 p.m.—Close down.

Afternoon Session.

3.0 p.m.—Race results after each race; musical programme; news service; evening programme features; racing resume.
 5.0 p.m.—Close down.

Early Evening Session.

5.45 p.m.—G.P.O. clock and chimes. Children's session.
 6.30 p.m.—Dinner music.
 7.0 p.m.—Racing resume, land and finance report, weather report, market reports, stock exchange report, news service.
 8.0 p.m.—G.P.O. clock and chimes. 2BL Topical Chorus.
 8.3 p.m.—The Rose Bay Wintergarden Theatre Symphony Orchestra, broadcast from Rose Bay Theatre.
 5.15 p.m.—Mr. Raymond Beatty (baritone)—(a) "A Pleading," (b) "Don Juan's Serenade."
 6.22 p.m.—Mr. Bryce Carter (cellist)—"Adagio—Allegro."
 6.29 p.m.—Miss Bertha Waters (soprano)—(a) "Solveig's Song."
 8.30 p.m.—Mr. Charles Lawrence (entertainer at the piano).
 6.43 p.m.—The Ashfield District Band, broadcast from Barnado Homes, Ashfield—(a) march, "Brilliant"; (b) ten minutes with Beethoven; (c) humorous, "Three Blind Mice."
 9.3 p.m.—Weather report and forecast.
 9.4 p.m.—Mr. Claude Corbett (sporting editor of "The Sun") will talk on general sporting.
 9.19 p.m.—The Ashfield District Band—(a) selection, "Lucia"; (b) waltz, "The Choristers"; (c) march, "Joyce's 71st Regt."
 9.39 p.m.—Mr. Raymond Beatty—(a) "Her Portrait," (b) "The Wanderer's Song."
 9.46 p.m.—The Rose Bay Wintergarden Theatre Orchestra.
 9.56 p.m.—Miss Bertha Waters—(a) "Rosehuds," (b) "Such a Lil Fellow."
 10.3 p.m.—Mr. Bryce Carter—(a) "Old Swedish Air," "Minuet."
 10.16 p.m.—Mr. Charles Lawrence.
 10.17 p.m.—Rose Bay Wintergarden Theatre Symphony Orchestra.
 10.27 p.m.—Resume of following day's programme.
 10.30 p.m.—Romano's Restaurant Dance Orchestra, broadcast from Romano's. During the intervals between dances "Sun" news will be broadcast.

3LO MELBOURNE

Morning Session.

11.8 a.m.—Studio programme, cookery talk, time signals, lecture, news service, weather information, announcements, sporting, etc.
 1.45 p.m.—Close down.

Afternoon Session.

2.15 p.m.—Studio concert, news services, sporting, announcements, weather information, etc.
 6.15 p.m.—Close down.

Evening Session.

6.0 p.m.—Special weather report.
 6.1 p.m.—Children's session.
 7.0 p.m.—Market reports, news service, weather and shipping movements.

Night Session.

7.13 p.m.—Birthday greetings.
 7.15 p.m.—Under the auspices of the Department of Agriculture—R. Crowe (Exports Superintendent) will speak on "Marketing Methods."

7.30 p.m.—P. W. Pearce (physical culture expert) will speak on "Sunshine as Medicine."
 7.45 p.m.—Out of the Past: August 22nd—1770, Captain Cook took possession of East Australia; 1802, West India Docks (London) opened; 1881, Irish Land Bill passed; 1914, first shot from a British rifle on the Western Front fired.
 7.40 p.m.—Captain C. H. Peters—"Books, Wise and Otherwise."
 8.0 p.m.—A Maker of History: Sir Alexander Campbell Mackenzie (distinguished musician).
 8.1 p.m.—Programme announcements.
 8.1 p.m.—The Station Orchestra—"Suite Pastorale."
 8.10 p.m.—Guy Moore (tenor)—"Ave Maria," "The Garden of Your Heart."
 8.17 p.m.—Helga Brennecke (cello)—"Courante in G," "Chant Triste."
 8.24 p.m.—The Station Orchestra—selection, "Thais."
 8.30 p.m.—Elsy Treweek (soprano)—"Come Again," "Phillis Was a Faire Maide."
 8.37 p.m.—The Station Orchestra—suite, "Summer Days."
 8.45 p.m.—Salve Caput Cruentatum" (Ancient Latin hymn), translated by John Addington Symonds, composed for female voices—soprano solo, violin, English horn and piano—by Fritz Hart. The Conservatorium Ladies' Choir. Soprano solo, Lillian Scott; violin, Gertrude Healy; English horn, Mignon Weston; piano, Ida Scott; conductor, Fritz Hart.
 9.30 p.m.—The Station Orchestra—"La Fille de Regiment."
 9.40 p.m.—Elsy Treweek (soprano)—"Ballade, King of Thule," aria "Jewel Song."
 9.47 p.m.—Helga Brennecke (cello)—"By the Sea."
 9.52 p.m.—The Station Orchestra—"Serenata," "Little Coquette."
 10.0 p.m.—News session: "Argus" news, meteorological information, British official wireless news, R.A.C.V. safety message. "How does your garden grow."
 10.10 p.m.—The Futurists—"Fun and Fancy."
 10.30 p.m.—The Station Orchestra—"Poupee Valsante," "Air de Ballet."
 10.40 p.m.—Guy Moore (tenor)—"Obstination," "Sprig of Boronia."
 10.47 p.m.—The Station Orchestra—"Cyrano de Bergerac."
 10.57 p.m.—"Our Great Thought."
 10.55 p.m.—Dance music until 11.40 p.m.—The Radi-o-Aces.

3AR MELBOURNE

Morning-Midday Session.

9.0 a.m.—News session: Stock Exchange and market reports; shipping reports; ocean forecast, express train information; news service, weather forecast.
 10.1 a.m.—Morning musical session.
 12.30 p.m.—Close down.

Evening Session.

5.0 p.m.—Studio Orchestra—overture, "Raymond"; "As Once in Happier Days."
 5.15 p.m.—Julia Russell (soprano)—"Roberto, tu che Adoro," "If I Had Wings to Fly."
 5.22 p.m.—Studio Orchestra—suite, "Rubeville."
 5.32 p.m.—Vladimir Elin (baritone)—"Se la giu Rata," "Morning"
 5.40 p.m.—Alice Madigan (pianoforte)—"Romance in D Flat," "Dance Creole," "Pierette."
 5.50 p.m.—Joe Brennan and Ida Newton discuss things as they art not.
 6.5 p.m.—Studio Orchestra—suite, "Suite of Serenades": (a) "Spanish," (b) "Chinese," (c) "Cuban," (d) "Oriental"; "The Eternal Spring."
 6.20 p.m.—Jean Lewis (contralto)—"When the Stars Were Young," "Poppies for Forgetting."
 6.27 p.m.—Marion Lightfoot (hanjo)—"Poppies and Wheat," "Oddity."
 6.34 p.m.—W. A. Gill (tenor)—"The Cloths of Heaven," "Within the Garden of My Heart."
 6.40 p.m.—Studio Orchestra—"Mountain Music," "In the Ruins."
 6.50 p.m.—Julia Russell (soprano)—"The Swallows," "Comin' Thro' the Aye."
 6.57 p.m.—Alice Madigan (pianoforte)—"Valse Brillante," "Shepherds' Hay," "Spinning Song."
 7.7 p.m.—Vladimir Elin (baritone)—"Contigiani," "Silence Reigns."
 7.14 p.m.—Studio Orchestra—"Chanson Serenade," "Polina."
 7.21 p.m.—Jean Lewis (contralto)—"Tired Hands," "Memory Song."
 7.28 p.m.—Marion Lightfoot (guitar)—"Momi Waltz," "Absent."
 7.38 p.m.—W. A. Gill (tenor)—"The Birth of Morn," "Garden of Happiness."
 7.45 p.m.—Studio Orchestra—"Scalp Dance," "Indian Love Song," "Finale from Ballet Suite."

8.30 p.m.—Concert transmitted from Shire Hall, Benalla:—
Orchestra—"Morning, Noon and Night."
Musical Society—chorus, "Gypsy Laughing Chorus."
Mr. M. Tough (baritone)—selected.
Miss D. Cooper (contralto)—selected.
Marangau Male Choir—"Humour, Music and Mirth."
Miss Rahilly (violin)—selected.
Miss E. Findley (soprano)—selected.
Orchestra—brass quartette.
Musical Revue—"Brighter Pentridge." Characters: Bill (a

convict), Mr. Iken; Bill's Wife, Miss C. Collins; Joe (a convict), Mr. M. Tough; Governor, Mr. S. Machin; Signor Serpello, Mr. H. Williams; Wardresses, Miss Gallagher, Mrs. Machin.
Mr. Jenkins (cornet)—selected.
Musical Society—choruses, "Simple Simon," "Dame Durden"
Orchestra—"Glow Worms."
Mr. R. Senior (tenor)—"Lolita."
Musical Society—chorus, "Carnavale."
10.55 p.m.—From the Studio: "Age" news; weather forecast.

Thursday, August 23rd

4QG BRISBANE

If you have a house power socket,
Don't use batteries for your "B,"
Or Grid Bias—buy a Philips
Power Unit for "B" and "C."

Morning Session.

AN HOUR FOR THE LADIES.
(Announcer: Rita McAuliffe.)

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

Mid-day Session.

(Announcer: R. Wight.)

1.0 p.m.—Market reports; weather information; "The Daily Mail" and "The Daily Standard" news.
1.20 p.m.—FROM PARIS CAFE—
Lunch-hour music.
1.50 p.m.—FROM THE OBSERVATORY—
Standard time signal.
2.0 p.m.—Close down.

Afternoon Session.

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

Early Evening Session.

(Announcers: R. Wight and H. Humphreys.)

6.0 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 PARIS CAFE—
Dinner music.
6.23 p.m.—Announcements.
6.30 p.m.—Bedtime stories by "The Sandman."
7.0 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 books by Mr. J. Doyle (McLeods).

Night Session.

(Announcer: J. Tyson.)

YERONGA SOLDIERS' MEMORIAL.

8.0 p.m.—FROM IDEAL THEATRE, YERONGA—
A concert in aid of the Yeronga Soldiers' Memorial Church.
Programme by Mrs. Michel's Melodists and party:—
Overture—"Joyful Peasant" (Carl Volti)
Mrs. Michel's Melodists.
Baritone solo—"My Old Shako" (Trottere)
Mr. Norman Browne (with orchestral accompaniment).
Violin duet—"Neapolitan" (Henry Lawson)
Masters Neville Nixon and Edward Simmons.
Soprano solo—"Vale" (Kennedy Russell)
Mrs. George Jacobsen.
Instrumental Trio—"Largo" (Handel)
Mrs. W. E. Michel, A.T.C.L. (violin); Miss E. Bosanquet (cello); Miss I. D. Ritchie (piano).

Contralto solo—"My Ships" (Augustus Barrott)
Mrs. Edwin Bristow.

Vocal Duet—"Trot Here and There" (Messenger)
Miss Agnes Manson and Mr. Robert Kelly.
Instrumental Quartette—"Hayden's Last Minuet" (Joseph Trousselle)

Mrs. W. E. Michel (1st violin), Master Edward Simmons (2nd violin), Miss E. Bosanquet (cello), Miss I. D. Ritchie (piano).

Recitation—"And So Was I"

Master George Patterson.

Tenor solo—"The Link Divine" (with 1st violin, 2nd violin obligato)

Mr. Joseph Trezise.

Violin solo—"Paraphrase on Paderewski's Famous Minuet" (Fritz Kreisler)

Mrs. W. E. Michel, A.T.C.L.

Moments of mirth with Alex Kruse.

Vocal duet—"Farewell to Thee" (Lilioukalani)

Mr. Joseph Trezise and Mr. Norman Brown.

Overture—"Magneta" (Will Huff—arr. Al. Hayes)
Mrs. Michel's Melodists.

9.0 p.m.—Metropolitan weather forecast.

March—"Gladiators' Farewell" (Blamkenberg)

Mrs. Michel's Melodists.

Vocal duet—"I've Got Everything I Want But You" (Marshall)

Mrs. Geo. Jacobsen and Mr. Norman Brown.

Instrumental Trio—"Rondo in B Flat Major" (Clarence Lucas)

Mrs. W. E. Michel, A.T.C.L. (violin); Miss E. Bosanquet (cello); Miss I. D. Ritchie (piano).

Soprano solo—"Nymphs and Sylva's" (Bemberg)
Miss Agnes Manson.

Monologue—"Girls" (Dorothy Turner)
Master George Patterson.

Baritone solo—"When Bright Eyes Glance" (Hedgcock)

Mr. Robert Kelly (with orchestral accompaniment).
Instrumental Quartette—"Zingaresca Polacca" (Gabussi)

Mrs. W. E. Michel, A.T.C.L. (1st violin); Master

Edward Simmons (2nd violin); Miss E. Bosanquet (cello); Miss I. D. Ritchie (piano).

Tenor solo—"Angels Guard Thee" (Benjamin Godard)

Mr. Joseph Trezise (with orchestral accompaniment).
Soprano solo—"Salaam" (Agnes May Lang)

Mrs. George Jacobsen.

Violin duet—"Serenade" (Widor—arr. Slatter)

Masters Edward Simmons and Ronald Booker.

Baritone solo—"Bedouin Love Song" (Pinsuti)
Mr. Norman Brown.

Vocal duet—"Down by the Old Mill Stream" (Taylor)

Mrs. E. Bristow and Mr. J. Trezise.

More moments of mirth with Alex Kruse and Norman Hirst.
Overture—"Determination" (Al. Hayes)

10.0 p.m.—FROM THE STUDIO—

"The Daily Mail" news; weather news. Close down.

2FC SYDNEY

Early Morning Session.

7.0 a.m.—Announcements. Country session. 8.0 a.m.—Close down

Morning-Midday Session.

10.0 a.m.—Studio music, "Sydney Morning Herald" news; last minute racing information, etc.

11.0 a.m.—Close down.

12.0 noon.—Announcements; studio music, weather information, and news services.

BURGESS MAKES A, B and C BATTERIES

Afternoon Session.

- 3.0 p.m.—Studio concert.
- 5.0 p.m.—Close down.

Early Evening Session.

- 5.45 p.m.—Chimes of 2FC. The "Hello Man" talks to the children.
- 7.0 p.m.—Late sporting news, market reports, weather and shipping intelligence, stock exchange, and news service.

Night Session.

- 7.36 p.m.—Programme announcements.
- 7.37 p.m.—Captain Fred Aarons: To-night's Anniversary, "First appearance of Lola Montez at the Victoria Theatre, Sydney, 1855."
- 7.404 p.m.—From the Town Hall, Sydney: A musical programme prior to the debate arranged by the Citizens' Rights and Liquor Reform Association and the N.S.W. Prohibition Alliance:—
"That prohibition with compensation as submitted by referendum on September 1st is opposed to the best interests of this State."
- 8.0 p.m.—Chairman's remarks—the Rt. Hon. W. M. Hughes, P.C., M.P.
- 8.8 p.m.—Rev. Wyndham Heathcote, B.A. (Oxon) will open in support of the motion.
- 8.38 p.m.—Rev. R. B. S. Hammond will open in opposition to the motion.
- 9.8 p.m.—Mr. J. M. Prentice, O.C.B., C.-de-G., will speak in support.
- 9.28 p.m.—Hon. Crawford Vaughan will speak in opposition.
- 9.48 p.m.—Vote of thanks to the chairman.
- 10.0 p.m.—From the Studio: Pianoforte solos by Edith Harry—(a) "The Musical Box," (b) "La Fileuse," (c) "Nocturne in Minor."
- 10.10 p.m.—The Ambassadors' Dance Orchestra.
- 10.20 p.m.—Lionel Lawson (violinist).
- 10.23 p.m.—Edith Harry (songs at the piano)—(a) "La vie est vaine," (b) "Collette."
- 10.33 p.m.—Late weather forecast.
Lionel Lawson (violinist).
- 10.42 p.m.—Studio music.
- 10.45 p.m.—The Ambassadors Dance Orchestra.
- 10.57 p.m.—To-morrow's programme and late news.
- 11.0 p.m.—The Ambassadors' Dance Orchestra.
- 11.45 p.m.—National Anthem. Close down.

2BL SYDNEY

Morning Session.

- 8.0 a.m.—Weather report, musical programme, "Daily Telegraph" news, and commercial information.
- 9.0 a.m.—Close down.
- 10.30 a.m.—Musical programme, "Daily Telegraph" news, weather and commercial information, sporting notes, lecture.
- 2.0 p.m.—Close down.

Afternoon Session.

- 3.0 p.m.—Race results after each race; musical programme; news service; evening programme features; racing resume.
- 5.0 p.m.—Close down.

Early Evening Session.

- 5.45 p.m.—G.P.O. clock and chimes. Children's session.
- 6.30 p.m.—Dinner music.
- 7.0 p.m.—Racing resume, land and finance report, weather report, market reports, stock exchange report, news service.

Evening Session.

- 8.0 p.m.—G.P.O. clock and chimes. 2BL Topical Chorus.
- 8.3 p.m.—Mr. Stanley R. Catlett (tenor)—(a) "O Paradiso" from "L'Africana," (b) "Only the River Running By."
- 8.10 p.m.—The Leichhardt District Band, broadcast from Orange Grove School—(a) march, "Honest Toil"; (b) overture, "Golden Sceptre"; (c) euphonium solo, "Out of the Deep."
- 8.25 p.m.—Dismal Desmond (comedian).

- 8.32 p.m.—Miss Leonore Gotsch (soprano)—(a) "Japauis ches Regenlied," (b) "Bitt ihn liete Mutter," (c) "Volkliedchen."
- 8.39 p.m.—Mr. Frank Ryan (entertainer)—"The Sexton's Secret"
- 8.40 p.m.—The Leichhardt District Band—(a) selection, "The Bells of Corneville"; (b) waltz, "Thoughts."
- 9.0 p.m.—Weather report and forecast.
- 9.1 p.m.—The N.S.W. Broadcasting Company's Orchestra.
- 9.16 p.m.—Mr. Stanley R. Catlett—(a) "Sylvia," (b) "Windy Nights."
- 9.23 p.m.—Dismal Desmond (comedian).
- 9.30 p.m.—The N.S.W. Broadcasting Company's Orchestra.
- 9.454 p.m.—Miss Leonore Gotsch—(a) "The Rosebud," (b) "Queen of the Night."
- 9.52 p.m.—Mr. Frank Ryan—"The Hartist's Model" •
- 9.59 p.m.—The N.S.W. Broadcasting Company's Orchestra.
- 10.14 p.m.—Resume of following day's programme.
- 10.18 p.m.—The N.S.W. Broadcasting Company's Orchestra.
- 10.33 p.m.—The Wentworth Cate Dance Orchestra, broadcast from the Wentworth. During intervals between dances "Sun" news will be broadcast.

3LO MELBOURNE

Morning Session.

- 11.0 a.m.—Studio programme, cookery talk, time signals, lecture, news service, weather information, announcements, sporting, etc.
- 1.45 p.m.—Close down.

Afternoon Session.

- 2.15 p.m.—Studio concert, news services, sporting, announcements, weather information, etc.
- 5.15 p.m.—Close down.

Evening Session.

- 6.0 p.m.—Special weather report.
- 6.1 p.m.—Children's session.
- 7.0 p.m.—Market reports, news service, weather and shipping movements.

Night Session.

- 7.13 p.m.—Birthday greetings.
- 7.15 p.m.—Under the auspices of the Health Association of Victoria—Dr. F. R. Kerr will speak on "Cancer."
- 7.30 p.m.—Rod McGregor will speak on "Football."
- 7.45 p.m.—Out of the Past: August 23rd—1834, first vessel sailed up River Yarra; 1866, Treaty of Peace signed between Austria and Russia; 1914, Japan declared war on Germany; 1914, British commenced the historic retreat from Mons.
- 7.46 p.m.—May Beatty, now appearing as "Magnolia" in "Hit the Deck" at His Majesty's Theatre, will speak from her dressing-room—by permission J.C.W. Ltd.
- 8.0 p.m.—A Maker of History: Rt. Hon. Sir Laming Worthington Evans (distinguished statesman).
- 8.1 p.m.—Programme announcements.
- 8.2 p.m.—The Radi-o-Aces—"Stars and Stripes," "I Told Them All About You," "Dream Kisses."
- 8.10 p.m.—Althouse and McCallum (soprano and baritone)—selected.
- 8.13 p.m.—The Radi-o-Aces—"That's My Mammy," "Waitin' for Katie," "Old Virginia Lullaby."
- 8.22 p.m.—Thomas George (bass)—"When a Maid Takes Your Fancy."
- 8.25 p.m.—The Radi-o-Aces—"Paradise Isle," "Dear, on a Night Like This," "Why Can't You Care."
- 8.34 p.m.—Elsy Trewick (soprano)—"My Lovely Celia."
- 8.37 p.m.—The Radi-o-Aces—"The Varsity Drag," "Good News," "I've Lost All My Love For You."
- 8.46 p.m.—Helga Brennecke (cello)—"Andante."
- 8.49 p.m.—The Radi-o-Aces—"Eighteenth Street Strut," "Lovable," "Kiss Me, Curse You."
- 8.58 p.m.—The Futurists—"Humorosities."
- 9.2 p.m.—The Radi-o-Aces—"The Girl Friend," "The Blue Room," "The Sweetheart of Sigma Chi."

DIAMOND

Made in "A," "B," and "C" Types

Each Cell guaranteed.



DRY CELLS

Outlast Other Batteries.

"Next time—Try Diamonds."

At All Radio Dealers. or JOHN REID & NEPHEWS, Brisbane.

- 9.11 p.m.—Althouse and McCallum (piano and flute)—selections from their repertoire.
- 9.14 p.m.—The Radi-o-Aces—"The Whisper Song," "Keep Sweeping Cobwebs," "Tell Me Again."
- 9.23 p.m.—Thomas George (bass)—"Fill a Glass with Golden Wine."
- 9.26 p.m.—The Radi-o-Aces—"There Must Be a Silver Lining," "Judy" (piano solo), "Gautemala Melody."
- 9.35 p.m.—Elsy Treweek (soprano)—"Shepherd, Thy Demeanour Vary."
- 9.38 p.m.—The Radi-o-Aces—"Sunshine," "Rain," "Mine, All Mine."
- 9.47 p.m.—The Futurists—"Humorosities."
- 9.51 p.m.—The Radi-o-Aces—"Say Yesterday," "Bill and Co," "You've Got to Learn to Smile."
- 10.0 p.m.—News session: "Argus" news, British official wireless news, meteorological information, announcements, sporting notes by "Olympus," shipping information, R.A.C.V. safety message.
- 10.15 p.m.—The Radi-o-Aces—"O Told You I'd Never Forget," "Is She My Girl Friend," "Pardon the Glove."
- 10.24 p.m.—Helga Brennecke (cello)—"Andantino."
- 10.27 p.m.—The Radi-o-Aces—"Henry's Made a Lady out of Lizzie," "Side by Side," "Hurricane."
- 10.30 p.m.—Elsy Treweek (soprano)—"Mignon's Song."
- 10.39 p.m.—The Radi-o-Aces—"Borneo," "My Ohio Home," "Is it Gonna Be Long."
- 10.40 p.m.—Thomas George (bass)—"She Dwelt Among the Untrodden Ways."
- 10.51 p.m.—The Radi-o-Aces—"Down South," "Speaking of Love," "Ramona."
- 10.59 p.m.—The Futurists—"Humorosities." N
- 11.4 p.m.—"Our Great Thought."
- 11.5 p.m.—The Radi-o-Aces—further popular numbers until 11.40.
- ### 3AR MELBOURNE
- #### Morning-Midday Session.
- 9.0 a.m.—News session: Stock Exchange and market reports; shipping reports; ocean forecast, express train information; news service, weather forecast.
- 10.1 a.m.—Morning musical session.
- 12.30 p.m.—Close down.
- #### Evening Session.
- 5.0 p.m.—Studio Orchestra—"Two Entractes," "Three Famous Pictures."
- 5.15 p.m.—Ethel Heaney (soprano)—"Dawn, Genale Flower," "Cradle Me Low."
- 5.22 p.m.—Studio Orchestra—selection, "Poppy"; "Three Little Oddities."
- 5.37 p.m.—Vladimir Elin (baritone)—"Si Puo," "The Seminarian"
- 5.44 p.m.—Studio Orchestra—suite espagnole, "La Feria."
- 5.54 p.m.—Jean Lewis (contralto)—"Elegie," "Ships That Pass in the Night."
- 6.0 p.m.—Studio Orchestra—"Romantic Suite."
- 6.10 p.m.—Joe Brennan and Ida Newton in selections from their repertoire.
- 6.25 p.m.—Studio Orchestra—"Spanish Dance," "Three Cuban Dances."
- 6.35 p.m.—W. A. Gill (tenor)—"All in a Lily White Garden," "Bird of Love Divine."
- 6.42 p.m.—Studio Orchestra—selection of popular songs.
- 6.52 p.m.—Ethel Heaney (soprano)—"They Say," "Lonesome, That's All."
- 7.0 p.m.—Studio Orchestra—selection, "The Cabaret Girl."
- 7.10 p.m.—Vladimir Elin (baritone)—"Eri tu che Macchiavi," "Chanson Venetienne."
- 7.17 p.m.—Studio Orchestra—"Souvenir di Cappri," "Sylvan Sketches."
- 7.27 p.m.—Jean Lewis (contralto)—"Three Fishers," "I Wonder if Ever the Rose."
- 7.34 p.m.—Studio Orchestra—"By Firelight," "Valse Charmee."
- 7.41 p.m.—W. A. Gill (tenor)—"A Tearful Dream," "Fair House of Joy."
- 7.48 p.m.—Studio Orchestra—"Ballet Egyptian."
- 8.30 p.m.—Station Orchestra—"Stars of the Desert," "Air de Ballet."
- 8.45 p.m.—M. G. Macalister (baritone)—"Les Femmes de Magdala," "A Columbine."
- 8.52 p.m.—Station Orchestra—"From India."
- 9.2 p.m.—Studio presentation of "Cavalleria Rusticana," produced by Mr. J. Sutton Crow. Cast of Characters: Elsie Davies, E. Chas. Evans, John D. Sullivan, Ina Lilycrap, Sybil Shaw, Auburn Choir. Accompaniste, Mabel Nelson.
- 10.2 p.m.—Jessie Shmith (contralto)—"O, Love From Thy Power" "Do Not Go My Love."
- 10.9 p.m.—Station Orchestra—suite, "Peer Gynt."
- 10.19 p.m.—M. G. Macalister (baritone)—"More Love or More Disdain," "Ah, How Pleasant 'Tis to Love."
- 10.26 p.m.—Station Orchestra—"La Tosca."
- 10.30 p.m.—Jessie Shmith (contralto)—"I Heard You Go By," "At Dawning."
- 10.43 p.m.—Station Orchestra—"La Fille de Regimente."
- 10.53 p.m.—"Age" news, weather forecast.

Friday, 24th August

4QG BRISBANE

Philips Audio Transformer
Has a special soft iron core—
That is why it is so tiny.
But results are might sure.

Morning Session.

AN HOUR FOR THE LADIES.

(Announcer: Rita McAuliffe.)

- 10.30 a.m.—To-day's social news.
- 10.40 a.m.—Music.
- 10.45 p.m.—A Cookery and Household Talk by "The Etiquette Girl."
- 11.0 a.m.—Music.
- 11.10 a.m.—General news.
- 11.20 a.m.—Music.
- 11.30 a.m.—Close down.

Mid-day Session.

(Announcer: R. Wight.)

- 1.0 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.
- 2.0 p.m.—Close down.

Afternoon Session.

- 3.30 p.m.—Mail train running times.
- 3.31 p.m.—A programme of music from the studio.
- 4.30 p.m.—Close down.

- 4.15 p.m.—"The Telegraph" news.

- 4.30 p.m.—Close down.

Early Evening Session.

- 6.0 p.m.—Mail train running times.
- 6.2 p.m.—"Daily Standard" news.
- 6.3 p.m.—Stock Exchange information.
- 6.9 p.m.—Metal quotations.
- 6.10 p.m.—FROM THE PARIS CAFE—Dinner music.
- 6.28 p.m.—FROM THE STUDIO—Announcements.
- 6.30 p.m.—Bedtime stories by "The Sandman."
- 7.0 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.
- 7.55 p.m.—To-morrow's Rugby League matches reviewed.

Night Session.

(Announcer: H. Humphreys.)

THE SILKSTONE APOLLO CLUB.

- 8.0 p.m.—FROM THE STUDIO—An impromptu programme of music by the Brisbane Federal Band. (Conductor, Mr. W. H. Davis).
- 8.30 p.m.—FROM THE STUDIO—A programme by the Silkstone Apollo Club. (Conductor, Mr. T. Westwood).
Opening chorus—"The Spartan Heroes" (Protheroe)
The Apollo Club.
Tenor solo—"Mona"
Mr. T. Westwood.
Chorus—"John Peel" (Fletcher)
The Apollo Club.
Musical monologue—selected—Mr. D. Owen.

Chorus—"The Dear Little Shamrock" (H. E. Button)

The Apollo Club.

Concertina selection—Mr. W. Collins.

Baritone solo—selected—Mr. J. A. R. Thompson.

Chorus—"The Anvil" (Adolphe Adam)

The Apollo Club.

Bass solo—"In Sheltered Vale"

Mr. V. Morris.

Chorus—"In the Evening" (Anon)

The Apollo Club.

Contralto solos—selected—Miss Winifred Anderson.

Pianoforte solo—selected—Miss Thelma Marsh.

Chorus—"Out of the Deep" (De Rille)

The Apollo Club.

Baritone solo—selected—Mr. A. E. Little.

Chorus—"On the Sea" (Dudley Buck)

The Apollo Club.

Soprano solo—selected—Miss Thelma Marsh.

Chorus—"Martyrs of the Arena" (De Rille)

The Apollo Club.

Elocutionary item—selected—Mr. D. Owen.

Chorus—"Annie Laurie" (Button)

The Apollo Club.

Concertina selection—Mr. W. Collins.

Final chorus—"Destruction of Gaza" (De Rille)

The Apollo Club.

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

2FC SYDNEY

Early Morning Session.

7.0 a.m.—Announcements. Country session. 8.0 a.m.—Close down

Morning-Middav Session.

10.0 a.m.—Studio music, "Sydney Morning Herald" news; last minute racing information, etc.

11.0 a.m.—Close down.

12.0 noon.—Announcements; studio music, weather information, and news services.

2.0 p.m.—Close down.

Afternoon Session.

3.0 p.m.—Studio concert.

5.0 p.m.—Close down.

Early Evening Session.

5.45 p.m.—Chimes of 2FC. The "Hello Man" talks to the children.

7.0 p.m.—Late sporting news, market reports, weather and shipping intelligence, stock exchange, and news service.

Night Session.

7.40 p.m.—Programme announcements.

7.42 p.m.—Captain Fred Aarons: To-night's anniversary, "Birth of John Duntmore Lang."

7.45 p.m.—Studio music.

8.0 p.m.—The Congress Band.

8.15 p.m.—Law and Lea—musical act.

8.25 p.m.—Carlton Fay (pianoforte solos)—(a) "Minuetto," (b) "Novellette E. Major."

8.35 p.m.—Lobban Hodgins (baritone).

8.43 p.m.—The Congress Band.

9.0 p.m.—Late weather forecast.

9.1 p.m.—Law and Lea—musical act.

9.10 p.m.—The Congress Band.

9.23 p.m.—Lobban Hodgins (baritone).

9.30 p.m.—A Theatrical transmission from one of J. C. Williamson's Theatres.

10.15 p.m.—From the Studio: Carlton Fay (pianoforte solos)—(a) "Remembrance," (b) "Scherzo," (c) "Thy Thoughts."

10.25 p.m.—The Ambassadors' Dance Orchestra.

10.30 p.m.—Late weather forecast. Studio music.

10.45 p.m.—The Ambassadors' Dance Orchestra.

10.57 p.m.—To-morrow's programme resume; late news.

11.0 p.m.—The Ambassadors' Dance Orchestra until 11.45 p.m.

2BL SYDNEY

Morning Session.

8.0 a.m.—Weather report, musical programme, "Daily Telegraph" news, and commercial information.

9.0 a.m.—Close down.

10.30 a.m.—Musical programme, "Daily Telegraph" news, weather and commercial information, sporting notes, lecture.

2.0 p.m.—Close down.

Afternoon Session.

3.0 p.m.—Race results after each race; musical programme; news service; evening programme features; racing resume.

5.0 p.m.—Close down.

Early Evening Session.

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

6.30 p.m.—Dinner music.

7.0 p.m.—Racing resume, land and finance report, weather report, market reports, stock exchange report, news service.

Evening Session.

8.0 p.m.—G.P.O. clock and chimes. 2BL topical chorus.

8.3 p.m.—The British Music Society's String Quartette—(a) "Minuet," (b) "Rondo."

8.10 p.m.—Jungle stories told round the camp fire by Mr. F. C. Jones (big game hunter), Capt. A. C. C. Stevens and Basil Kirke. The thrill of the lion hunt will be told with full atmospheric effects.

8.55 p.m.—The British Music Society's String Quartette—(a) "Serenade," (b) "Intermezzo."

9.2 p.m.—Weather report and forecast.

9.3 p.m.—Mr. C. Dexter (the "Sun's" Turf Expert) will talk on the prospects of Saturday's races.

9.17 p.m.—The N.S.W. Broadcasting Company's Orchestra.

9.32 p.m.—Mr. Phil Mountain (comedian)—(a) "Wattle Blossom," (b) "There's a Little Bit of Devil in Ev'ry Little Angel."

9.39 p.m.—The N.S.W. Broadcasting Company's Orchestra.

9.54 p.m.—Mr. Phil Mountain—(a) "If I Can't Sing About My Mammy," (b) "At a Minute to Seven Last Night."

10.1 p.m.—The N.S.W. Broadcasting Company's Orchestra.

10.10 p.m.—The Wurlitzer organ, broadcast from the Arcadia Theatre, Chatswood. Organist, Mr. N. Robins.

10.25 p.m.—Resume of following day's programme.

10.29 p.m.—The N.S.W. Broadcasting Company's Orchestra.

10.40 p.m.—Romano's Restaurant Dance Orchestra, broadcast from Romano's. During intervals between dances "Sun" news will be broadcast.

3LO MELBOURNE

Morning Session.

10.30 p.m.—Express train information, announcements.

12.0 p.m.—Close down.

Afternoon Session.

3.0 p.m.—Studio Concert.

5.0 p.m.—Close down.

Evening Session.

6.0 p.m.—Children's session.

Night Session.

7.13 p.m.—Birthday greetings.

7.15 p.m.—Under the auspices of the Department of Agriculture—R. J. De C. Talbot (Veterinary Officer)—"Milk Fever in Dairy Cows."

7.30 p.m.—C. H. J. Williams will speak on "To-morrow's Stadium Event."

7.45 p.m.—Out of the Past: Ourust 24th—1855, Queen Victoria visited Paris Industrial Exhibition; 1875, Capt. Webb swam from Dover Calais; 1914, British first encountered the Germans at Mons.

7.45 p.m.—H. K. Love—"Technicalities."

7.50 p.m.—A Maker of History: Max Beerbohm (brilliant artist and caricaturist).

7.56 p.m.—Programme announcements.

7.57 p.m.—Collingwood Citizens' Band—overture, "The Magic Flute."

8.7 p.m.—Althouse and McCallum (by permission J.C.W. Ltd.)—selections from their repertoire.

8.20 p.m.—Collingwood Citizens' Band—novelty, "Charley is my Darling."

8.30 p.m.—Elsv Treweek (soprano)—"Aria from Boheme."

8.37 p.m.—Collingwood Citizens' Band—selection, "Gems of America."

8.45 p.m.—A ghost story.

9.0 p.m.—University Symphony Orchestral programme, conducted by Professor Bernard Heinze:—University Symphony Orchestra—"Waiata Poi," "Tangi,"

Waiata Maori," Marie Megan (soprano)—"Twilight Fancies."

University Symphony Orchestra—"Romance in C for Strings," "Waltz,"

Marie Magan (soprano)—"Solveir's Song."

Marjorie Frockter (violin) and University Symphony Orchestra—"Concerto for Violin and Orchestra—1st Movement."

University Symphony Orchestra—"Nuccracker Suite."

10.0 p.m.—Eric Welch will speak on to-morrow's Stadium event.

10.10 p.m.—Collingwood Citizens' Band—waltz ("Genavie Ward,"

10.20 p.m.—Elsv Treweek (soprano)—"The Red Roofs," "The

Bluebell Way," "Oh Western Wind."

10.27 p.m.—Collingwood Citizens' Band—march, "On Tour."

10.32 p.m.—"Argus" news, British official wireless news, road

notes, meteorological information, R.A.C.V. safety message.

*(a) Because I Love You
(b) The Cottage In Gods Garden.*

- 10.42 p.m.—R. J. French (banjoist)—“Hallelujah,” “Ukelele Dream Girl.”
 10.49 p.m.—Collingwood Citizens' Band—“Hallelujah Chorus.”
 10.53 p.m.—R. J. French (banjoist)—“Oh, Ask the Stars,” “My Honolulu Hula Girl.”
 11.0 p.m.—“Our Great Thought.”
 11.1 p.m.—Dance music—The Radio-o-Aces—until 11.40 p.m.

3AR MELBOURNE

Morning-Midday Session.

- 9.0 a.m.—News session: Stock Exchange and market reports; shipping reports; ocean forecast, express train information; news service, weather forecast.
 10.1 a.m.—Morning musical session.
 12.30 p.m.—Close down.

Evening Session.

- 5.0 p.m.—Studio Orchestra—suite, “L'Arlesienne,” part 1.
 5.15 p.m.—Julia Russell (soprano)—“Chant Inde,” “Garden Secrets.”
 5.22 p.m.—Studio Orchestra—“Adagio Cantabile”; suite, “A Love Suite.”
 5.32 p.m.—James Scott (bass)—“The Floral Dance,” “On the Beach at Otaki.”
 5.40 p.m.—Studio Orchestra—“Cavatine,” selection “The Maid of the Mountains.”

- 5.55 p.m.—Jessie Shmith (contralto)—“If I Might Come to You,” “The Sweetest Flower That Blows.”
 6.2 p.m.—Radi-o-Aces—“You've Got to Learn to Smile,” “Bill and Coe,” “Ole Virginny's Lullaby.”
 6.12 p.m.—Percy Blundell (tenor)—“The Showman,” “Lolita.”
 6.20 p.m.—Radi-o-Aces—“Again,” “Keep Sweeping,” “The Whisper Vamp,” “Mother of Mine.”
 6.35 p.m.—Julia Russell (soprano)—“Ah! Lo, So,” “Lovers in the Lane.”
 6.42 p.m.—Studio Orchestra—selection, “L'Enfant Prodigue”;
 6.57 p.m.—James Scott (bass)—“To-morrow,” “The Blind Ploughman.”
 7.4 p.m.—Radi-o-Aces—“There's Something About a Rose,” “Lovable,” “Hi Dee, Hi Dee.”
 7.14 p.m.—Jessie Shmith (contralto)—“If Thou Wert Blind,” “Don't You Mind the Sorrows.”
 7.21 p.m.—Radi-o-Aces—“Gautemala Melody,” “Pleading,” “When Bananas Skins are Falling.”
 7.31 p.m.—Percy Blundell (tenor)—“Where My Caravan Has Rested,” “All the Fun of the Fair.”
 7.38 p.m.—Studio Orchestra—“Songs from the Old Folks,” “Three Pictures from Syria.”
 8.30 p.m.—Community singing transmitted from Ballarat.
 10.0 p.m.—Alice Madigan (pianoforte)—“Polonaise C Sharp Minor,” “Fantasie Imprromptu,” “Ballade in G Minor.”
 10.15 p.m.—The Futurists—half an hour of mirth and melody.
 10.45 p.m.—Alice Madigan (pianoforte)—“Romance in F Sharp,” “Prelude and Presto from Suite.”
 10.55 p.m.—“Age” news; weather forecast.

Saturday, 25th August

4QG BRISBANE

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No Morning Transmission

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Afternoon Session.

(Announcer: R. Wight.)
 B.A.T.C. RACES.

The B.A.T.C. race meeting will be relayed from Albion Park Course. Transmission will commence with the start of the first race.

FROM ALBION PARK—
 B.A.T.C. races.

5.0 p.m.—Close down.

Early Evening Session.

(Announcer: H. Humphreys.)

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

Night Session.

STUDIO CONCERT.

8.0 p.m.—FROM THE STUDIO—

- Pianoforte solos—(a) “Cpriccico” (Leschepizky); (b) “Liebestraum” (Liszt)
 Mr. Edwin Dickinson.
 Soprano solos—(a) “Mighty Like a Rose” (Nevin); (b) “Can't Yo' Hear Me Callin'” (Roma)
 Miss Olivia Thiele.
 Baritone solos—(a) “I Did Not Know” (Trottere); (b) “I Fell in Love with Her Years Ago”
 Mr. Tom Kelleher.
 Brett and Walsh (the popular pair) in a quarter of an hour's fun.

Violin solos—(a) “Hejre Kati” (Hubay); (b) “On Wings of Song” (Mendelssohn)

Mr. Harold Dickinson.

Soprano solos—(a) “The Market (Carew); (b) “Can't Remember” (Goapley)
 Miss Audrey Jones.

LENNON'S BALLROOM.

9.0 p.m.—FROM LENNON'S BALLROOM—
 Dance music by Douglas Drouyn and his Lennon's Hotel Orchestra.

During the evening descriptions of the main motor cycle races will be relayed from Davies Park Speedway. The times of broadcasting will depend upon the times at which the races are run.

10.0 p.m.—FROM THE STUDIO—
 “The Daily Mail” news; weather news. Close down.

2FC SYDNEY

Early Morning Session.

7.0 a.m.—Announcements. Country session. 8.0 a.m.—Close down

Morning, Midday and Afternoon Session.

- 10.0 a.m.—Studio music, “Sydney Morning Herald” news; last minute racing information, etc.
 11.0 a.m.—Close down.
 12.0 noon.—Announcements; studio music, weather information, and news services.
 2.0 p.m.—Close down.
 3.0 p.m.—Studio concert.
 5.0 p.m.—Close down.

Early Evening Session.

- 5.45 p.m.—Cbimes of 2FC. The “Hello Man” talks to the children.
 7.0 p.m.—Late sporting news, market reports, weather and shipping intelligence, stock exchange, and news service.

Night Session.

- 7.40 p.m.—Programme announcements.
 7.42 p.m.—Captain Fred Aarons: To-night's anniversary, “First Church Opened in Sydney.”
 7.45 p.m.—C. Pate Conigrave—talk, “Wandering through trails.”
 8.0 p.m.—Studio production of “La Mascotte,” in with the Hon. R. Orchard (by permission J.C. Conductor, Leo Packer.

Cast:—Duke Laurent, R. B. Orchard; Pippo, W. E. Lewis; Prince Fritellini, Norman Wright; Fiametta, Ada Rubensahn; Bettina, Dorrie Ward.
Musical Numbers:—Act One: Overture; Opening Chorus and Song; Legend, "The Mascotte," W. E. Lewis and chorus; "Hands Off," Dorrie Ward; Hunting Chorus; song, "Wise Folk Have Always Noted," R. B. Orchard and chorus; duet, "Glou Glou," Dorrie Ward and W. E. Lewis; Finale. Act Two: Pages' Chorus; scene and song, "Give Me Back," Dorrie Ward; Salatrella, W. E. Lewis and chorus; duet, "This Silk Attire," Dorrie Ward and W. E. Lewis; song, "Love is Blind," Norman Wright. Act three: Opening Chorus; scene and song, "The Attractive Girl," Ada Rubensahn and ensemble; arietta, "Mine Own," W. E. Lewis; quartette, "Dost Thou Linger"; Finale, principals and chorus.

- 9.30 p.m.—Late weather forecast.
- The "Two Old Cronies" in song and story.
- 9.40 p.m.—The N.S.W. Broadcasting Company's Orchestra.
- 9.55 p.m.—The "Two Old Cronies."
- 10.5 p.m.—The N.S.W. Broadcasting Company's Orchestra.
- 10.20 p.m.—The Ambassadors' Dance Orchestra.
- 10.30 p.m.—Late weather forecast.
- 10.31 p.m.—Studio music.
- 10.45 p.m.—The Ambassadors' Dance Orchestra.
- 10.57 p.m.—To-morrow's programme resume; late news.
- 11.0 p.m.—The Ambassadors' Dance Orchestra until 11.45 p.m.

2BL SYDNEY

Morning Session.

- 8.0 a.m.—Weather report, musical programme, "Daily Telegraph" news, and commercial information.
- 9.0 a.m.—Close down.
- 10.30 a.m.—Musical programme, "Daily Telegraph" news, weather and commercial information, sporting notes, lecture.
- 2.0 p.m.—Close down.

Afternoon Session.

- 3.0 p.m.—Race results after each race; musical programme; news service; evening programme features; racing resume.
- 5.0 p.m.—Close down.

Early Evening Session

- 5.45 p.m.—G.P.O. clock and chimes. Children's session.
- 6.30 p.m.—Dinner music.
- 7.0 p.m.—Racing resume, land and finance report, weather report, market reports, stock exchange report, news service.

Evening Session

- 8.0 p.m.—G.P.O. clock and chimes. 2BL ToTypical Chorus.
- 8.3 p.m.—Programme arrange by the Welsh Male Voice Party, broadcast from the Conservatorium of Music:—
 - (1) "On the Sea," "Evening Lullaby"—Sydney Welsh Male Voice Party.
 - (2) "Spirito Gentil"—Mr. Bryson Taylor.
 - (3) "King of Worlds"—Sydney Welsh Male Voice Party.
 - (4) "Air" from "Concerto"—Miss Rene Birkett (violinist).
 - (5) Mr. Owen McLoy (baritone).
 From the Studio: Bringa will talk on the Aborigines.
 From the Conservatorium:—
 - (1) "The Crusaders," "O Mistress Mine"—Sydney Welsh Male Voice Party.
 - (2) Mr. Owen McLoy (baritone).
 - (3) "Sicilianoet Rigaudon"—Miss Rene Birkett (violinist).
 - (4) Item by the Sydney Welsh Male Voice Party.
 - (5) "The Pretty Creature"—Mr. Bryson Taylor.
 - (6) Item by the Sydney Welsh Male Voice Party.
- 10.15 p.m.—From the Studio: Resume of following day's programme. Weather report and forecast.
- 10.20 p.m.—The Wentworth Cafe Dance Orchestra, broadcast from the Wentworth. During intervals between dances "Sun" news will be broadcast.

3LO MELBOURNE

Morning Session.

- 11.0 a.m.—Studio programme, cookery talk, time signals, lecture, news service, weather information, announcements, sporting, etc.
- 1.45 p.m.—Close down

Afternoon Session.

- 2.15 p.m.—Studio concert, news services, sporting, announcements, weather information, etc.
- 5.15 p.m.—Close down.

Evening Session.

- 8.1 p.m.—Children's session.
- 7.0 p.m.—Market reports, news service, weather and shipping movements.



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The Valley, Brisbane

Night Session.

- 7.13 p.m.—Birthday greetings.
- 7.15 p.m.—Clarence Weber (physical culture expert) will speak on "The Value of Physical Culture."
- 7.30 p.m.—E. E. Pescott—"Myrtles."
- 7.45 p.m.—Out of the Past: August 25th—1807, gas was first used in London; 1870, great outbreak of revolution in Prussia; 1914, destruction of Louvain by fire. "How Does Your Garden Grow."
- 7.40 p.m.—Dr. J. A. Leach—"The Lyrebird."
- 8.0 p.m.—A Maker of History: Christian Josiah Von Bunsen (distinguished diplomat and scholar). Programme announcements.
- 8.1 p.m.—St. Vincent de Paul's Boys' Band—"The Savoy Medley of Medleys"; fox-trot, "Hindoo Loo."
- 8.10 p.m.—Althouse and McCallum (soprano and pianist, baritone and flautist)—selected.
- 8.22 p.m.—St. Vincent de Paul's Boys' Band—selection, "The Arcadians."
- 8.31 p.m.—Gertrude Hutton (contralto)—"All Souls' Day," "Sepe-razione"—an old Italian fold sing.
- 8.38 p.m.—St. Vincent de Paul's Boys' Band—cornet solo, "Forest Warblers"—soloists, R. Green and A. Riley. "March from the Suite in F Major."
- 8.48 p.m.—The Song Feature of the Week.
- 8.58 p.m.—From the Stadium: Description by Eric Welch.
- 10.15 p.m.—St. Vincent de Paul's Boys' Band—waltz, "Gipsy Love."
- 10.25 p.m.—Gertrude Hutton (contralto)—"Hindo Song," "Chant Venetien."
- 10.32 p.m.—The Station Orchestra—selected.
- 10.40 p.m.—Bob Molyneux (baritone)—"Dream Horse," "You're a Real Sweetheart."
- 10.47 p.m.—The Station Orchestra—selection, "La Fille de Regiment."
- 10.54 p.m.—Bob Molyneux (baritone)—"Evening Star," "Last Night I Dreamed You Kissed Me."
- 11.0 p.m.—Late sporting events.
- 11.5 p.m.—"Our Great Thought."
- 11.6 p.m.—The Radi-o-Aces.

- 6.52 p.m.—Howard Andrews (baritone)—"Shall I Wasting in Despair," "On the Road to Mandalay."
- 7.0 p.m.—Studio Orchestra—suite, "Cobweb Castle."
- 7.15 p.m.—Mary Thirlwall (contralto)—"The White Throat," "The Poplars of Flanders."
- 7.22 p.m.—Radi-o-Aces—"All By My Ownsome," "Jackass Blues" "Some Day You'll Say O.K."
- 7.32 p.m.—Horace Calvert (tenor)—"A Song Remembered," "Trees."
- 7.40 p.m.—Radi-o-Aces—"Ahe You Happy," "Gorgeous," "Lucky Day."
- 8.30 p.m.—Studio Orchestra—"Grieg Fantasie."
- 8.45 p.m.—Vladimir Elin (baritone)—"Wie Jodesahnung," "I Say Nothing."
- 8.52 p.m.—Studio Orchestra—"Minuten Spiele."
- 9.5 p.m.—Elsy Treweek (soprano)—"Turn Ye to Me," "An Eriksay Love Lilt."
- 9.12 p.m.—C. E. Monteath, F.R.C.O.—organ recital transmitted from St. Peter's Church.
- 9.27 p.m.—Elsy Treweek (soprano)—"Songs My Mother Sang," "Waiata Poi."
- 10/5 Studio Orchestra—"Vive la Danse."
- 10.15 p.m.—Joe Brennan and Ida Newton—selections from their repertoire.
- 10.30 p.m.—Studio Orchestra—"Danse Lente," "Intermezzo."
- 10.35 p.m.—Vladimir Elin (baritone)—"Si la Regueuk," "My Peace is Gone."
- 10.42 p.m.—Studio Orchestra—selection, "Bombo."
- 10.55 p.m.—"Age" news, weather forecast.

3AR MELBOURNE

Morning-Midday Session.

- 9.0 a.m.—News session: Stock Exchange and market reports; shipping reports; ocean forecast, express train information; news service, weather forecast.
- 10.1 a.m.—Morning musical session.
- 11.0 a.m.—Close down.

Afternoon Session.

- 3.0 p.m.—Afternoon session—Ann Middleton, Alan Eddy, Ethel Brearley (accompaniste), Ronald Brearley.
- 4.45 p.m.—Announcements.

Evening Session.

- 5.0 p.m.—Studio Orchestra—selection, "Merrie England"; "Intermezzo."
- 5.15 p.m.—Howard Andrews (baritone)—"Silent Moon," "Now Sleeps the Crimson Petal."
- 5.22 p.m.—Studio Orchestra—"My Little Star," "In the Starlight," "In a Lover's Lane."
- 5.32 p.m.—Mary Thirlwall (contralto)—"Love's Benediction," "Last Night."
- 5.40 p.m.—Studio Orchestra—selection from "The Barber of Seville"; "Three Eastern Sketches."
- 5.55 p.m.—Horace Calvert (tenor)—"Che Gelida Manna" from "La Boheme"; "Thy Beaming Eyes."
- 6.2 p.m.—Studio Orchestra—"Rubenstein Poetry."
- 6.12 p.m.—The Futurists—half an hour of mirth and melody.
- 6.42 p.m.—Radi-o-Aces—"I'm in Love Again," "A Dream of You," "Brown."

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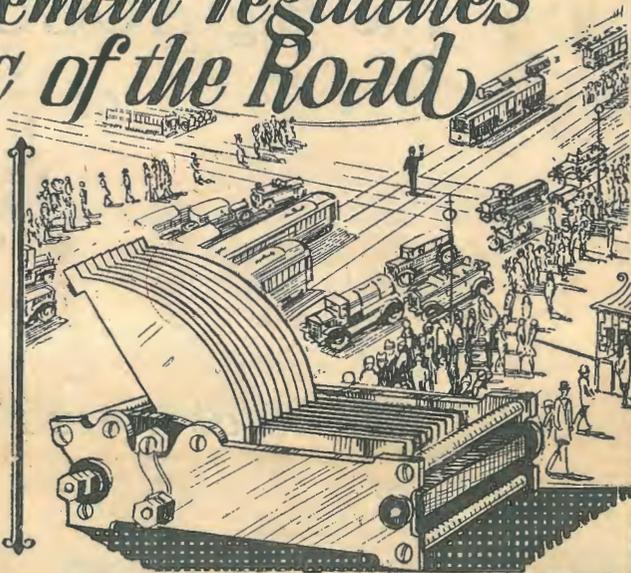
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